Jupiter Environmental Laboratories, Inc.
150 S. Old Dixie Highway
Jupiter, FL 33458
Phone: (561)575-0030
Fax: (561)575-4118
www.jupiterlabs.com
clientservices@jupiterlabs.com

July 27, 2011

Fangmei Zhang
ES Consultants, Inc.
7700 N Kendall Drive
Suite 607
Miami, FL 33156

RE:	LOG#	1127615
	Project ID:	Biscayne Landing
	COC#	27615

Dear Fangmei Zhang:

Enclosed are the analytical results for sample(s) received by the laboratory on Tuesday, July 12, 2011. Results reported herein conform to the most current NELAC standards, where applicable, unless indicated by * in the body of the report. The enclosed Chain of Custody is a component of this package and should be retained with the package and incorporated therein.

Results for all solid matrices are reported in dry weight unless otherwise noted. Results for all liquid matrices are reported as received in the laboratory unless otherwise noted. Results relate only to the samples received. Should insufficient sample be provided to the laboratory to meet the method and NELAC Matrix Duplicate and Matrix Spike requirements, then the data will be analyzed, evaluated and reported using all other available quality control measures.

Samples are disposed of after 30 days of their receipt by the laboratory unless extended storage is requested in writing. The laboratory maintains the right to charge storage fees for archived samples. This report will be archived for 5 years after which time it will be destroyed without further notice, unless prior arrangements have been made.

Certain analyses are subcontracted to outside NELAC certified laboratories, please see the Project Summary section of this report for NELAC certification numbers of laboratories used. A Statement of Qualifiers is available upon request.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Ann McKewin

Ann McKewin for
Kacia Baldwin
V.P. of Operations

FDOH# E86546

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SAMPLE ANALYTE COUNT

Workorder: 1127615

Project ID: Biscayne Landing

Lab ID	Sample ID	Method	Analytes Reported
1127615001	SW-2B	Calc (NOx+TKN)	1
		Calc.	1
		EPA 1631E	1
		EPA 200.8 (Total)	15
		EPA 350.1	1
		EPA 365.3 (Phosphorus -Total)	1
		EPA 410.4	1
		EPA 6010	2
		EPA 8260B	53
		JEL 200.8/ICPMS (SM2340B calc)	1
		SM 10200H	1
		SM 2540C	1
		SM 2540D	1
		SM 4500-NO2 B	1
		SM 4500-NO3 H	1
		SM 5210B	1
		SM 5310C	1
		SM 9222D	1

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SAMPLE SUMMARY

Workorder: 1127615

Project ID: Biscayne Landing

Lab ID	Sample ID	Matrix	Date Collected	Date Received
1127615001	SW-2B	Aqueous Liquid	7/11/2011 14:22	7/12/2011 08:30

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ANALYTICAL RESULTS

Workorder: 1127615
Project ID: Biscayne Landing

Lab ID: **1127615001** Date Received: 7/12/2011 08:30 Matrix: Aqueous Liquid
Sample ID: **SW-2B** Date Collected: 7/11/2011 14:22

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Analysis Desc: Chlorophyll A by 10200H [REF] (W)					Analytical Method: SM 10200H					
Chlorophyll A	U	mg/m3	3.00	1.00	1			7/22/2011 08:30	FS	
Analysis Desc: Total Nitrogen [REF](W)					Analytical Method: Calc (NOx+TKN)					
Total Nitrogen	1.8	mg/L	0.18	0.0900	1			7/27/2011 12:00	AM	
Analysis Desc: EPA 350.1 Ammonia (W)					Preparation Method: Wet Chem Prep					
					Analytical Method: EPA 350.1					
Ammonia	0.22	mg/L	0.10	0.0500	1	7/13/2011 15:20	BFM	7/13/2011 15:36	BFM	J4
Analysis Desc: EPA 365.3 Total Phosphorus (W)					Preparation Method: TP Prep					
					Analytical Method: EPA 365.3 (Phosphorus -Total)					
Phosphorus	0.11	mg/L	0.010	0.00500	1	7/14/2011 14:34	BFM	7/15/2011 14:19	BFM	
Analysis Desc: BOD by SM 5210B [REF] (W)					Analytical Method: SM 5210B					
BOD	20	mg/L	6.0	2.00	1			7/17/2011 17:00	FS	
Analysis Desc: COD by EPA 410.4 [REF] (W)					Analytical Method: EPA 410.4					
COD	52	mg/L	21	7.00	1			7/20/2011 10:08	FS	1
Analysis Desc: Iron by EPA 6010 [REF] (W)					Analytical Method: EPA 6010					
Iron	300	ug/L	9.2	2.30	1			7/26/2011 13:07	SL	V
Sodium	2.4	mg/L	0.044	0.0110	1			7/26/2011 14:44	SL	
Analysis Desc: EPA 1631E Ultra Trace Mercury (W)					Preparation Method: EPA 1631E					
					Analytical Method: EPA 1631E					
Mercury	0.0038	ug/L	0.0010	0.00025	1	7/13/2011 13:53	ZS	7/15/2011 11:56	ZS	
Volatiles by GC/MS										
Analysis Desc: EPA 8260B Full Scan (W)					Preparation Method: EPA 5030B					
					Analytical Method: EPA 8260B					
1,1,1,2-Tetrachloroethane	U	ug/L	1.00	0.400	1	7/12/2011 16:30	SS	7/13/2011 07:38	SS	
1,1,1-Trichloroethane	U	ug/L	1.00	0.400	1	7/12/2011 16:30	SS	7/13/2011 07:38	SS	
1,1,2,2-Tetrachloroethane	U	ug/L	1.00	0.200	1	7/12/2011 16:30	SS	7/13/2011 07:38	SS	
1,1,2-Trichloroethane	U	ug/L	1.00	0.400	1	7/12/2011 16:30	SS	7/13/2011 07:38	SS	
1,1-Dichloroethane	U	ug/L	1.00	0.400	1	7/12/2011 16:30	SS	7/13/2011 07:38	SS	
1,1-Dichloroethene	U	ug/L	1.00	0.400	1	7/12/2011 16:30	SS	7/13/2011 07:38	SS	
1,2,3-Trichloropropane	U	ug/L	1.00	0.400	1	7/12/2011 16:30	SS	7/13/2011 07:38	SS	
1,2-DBCP	U	ug/L	1.00	0.550	1	7/12/2011 16:30	SS	7/13/2011 07:38	SS	

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ANALYTICAL RESULTS

Workorder: 1127615

Project ID: Biscayne Landing

Lab ID: **1127615001** Date Received: 7/12/2011 08:30 Matrix: Aqueous Liquid

Sample ID: **SW-2B** Date Collected: 7/11/2011 14:22

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
1,2-Dibromoethane (EDB)	U	ug/L	1.00	0.400	1	7/12/2011 16:30	SS	7/13/2011 07:38	SS	
1,2-Dichlorobenzene	U	ug/L	1.00	0.400	1	7/12/2011 16:30	SS	7/13/2011 07:38	SS	
1,2-Dichloroethane	U	ug/L	1.00	0.400	1	7/12/2011 16:30	SS	7/13/2011 07:38	SS	
1,2-Dichloropropane	U	ug/L	1.00	0.400	1	7/12/2011 16:30	SS	7/13/2011 07:38	SS	
1,4-Dichlorobenzene	U	ug/L	1.00	0.400	1	7/12/2011 16:30	SS	7/13/2011 07:38	SS	
2-Hexanone	U	ug/L	1.00	0.400	1	7/12/2011 16:30	SS	7/13/2011 07:38	SS	
4-methyl-2-pentanone	U	ug/L	1.00	0.400	1	7/12/2011 16:30	SS	7/13/2011 07:38	SS	
Acetone	U	ug/L	2.00	0.510	1	7/12/2011 16:30	SS	7/13/2011 07:38	SS	
Acrylonitrile	U	ug/L	20.0	4.20	1	7/12/2011 16:30	SS	7/13/2011 07:38	SS	
Benzene	U	ug/L	1.00	0.400	1	7/12/2011 16:30	SS	7/13/2011 07:38	SS	
Bromochloromethane	U	ug/L	1.00	0.400	1	7/12/2011 16:30	SS	7/13/2011 07:38	SS	
Bromodichloromethane	U	ug/L	1.00	0.400	1	7/12/2011 16:30	SS	7/13/2011 07:38	SS	
Bromoform	U	ug/L	1.00	0.550	1	7/12/2011 16:30	SS	7/13/2011 07:38	SS	
Bromomethane	U	ug/L	1.00	0.660	1	7/12/2011 16:30	SS	7/13/2011 07:38	SS	
Carbon disulfide	U	ug/L	1.00	0.400	1	7/12/2011 16:30	SS	7/13/2011 07:38	SS	
Carbon tetrachloride	U	ug/L	1.00	0.400	1	7/12/2011 16:30	SS	7/13/2011 07:38	SS	
Chlorobenzene	U	ug/L	1.00	0.400	1	7/12/2011 16:30	SS	7/13/2011 07:38	SS	
Chloroethane	U	ug/L	1.00	0.400	1	7/12/2011 16:30	SS	7/13/2011 07:38	SS	
Chloroform	U	ug/L	1.00	0.400	1	7/12/2011 16:30	SS	7/13/2011 07:38	SS	
Chloromethane	U	ug/L	1.00	0.400	1	7/12/2011 16:30	SS	7/13/2011 07:38	SS	
Dibromochloromethane	U	ug/L	1.00	0.400	1	7/12/2011 16:30	SS	7/13/2011 07:38	SS	
Dibromomethane	U	ug/L	1.00	0.400	1	7/12/2011 16:30	SS	7/13/2011 07:38	SS	
cis-1,3-Dichloropropene	U	ug/L	1.00	0.400	1	7/12/2011 16:30	SS	7/13/2011 07:38	SS	
Ethylbenzene	U	ug/L	1.00	0.400	1	7/12/2011 16:30	SS	7/13/2011 07:38	SS	
Iodomethane	U	ug/L	1.00	0.460	1	7/12/2011 16:30	SS	7/13/2011 07:38	SS	
Methyl ethyl ketone (MEK)	U	ug/L	1.00	0.640	1	7/12/2011 16:30	SS	7/13/2011 07:38	SS	
Methylene chloride	U	ug/L	4.00	2.00	1	7/12/2011 16:30	SS	7/13/2011 07:38	SS	
Styrene	U	ug/L	1.00	0.400	1	7/12/2011 16:30	SS	7/13/2011 07:38	SS	
Tetrachloroethene	U	ug/L	1.00	0.400	1	7/12/2011 16:30	SS	7/13/2011 07:38	SS	
Toluene	U	ug/L	1.00	0.400	1	7/12/2011 16:30	SS	7/13/2011 07:38	SS	
Trichloroethene	U	ug/L	1.00	0.400	1	7/12/2011 16:30	SS	7/13/2011 07:38	SS	
Trichlorofluoromethane	U	ug/L	1.00	0.400	1	7/12/2011 16:30	SS	7/13/2011 07:38	SS	
Vinyl acetate	U	ug/L	1.00	0.400	1	7/12/2011 16:30	SS	7/13/2011 07:38	SS	
Vinyl chloride	U	ug/L	1.00	0.400	1	7/12/2011 16:30	SS	7/13/2011 07:38	SS	
Xylenes- Total	U	ug/L	3.00	0.400	1	7/12/2011 16:30	SS	7/13/2011 07:38	SS	
cis-1,2-Dichloroethene	U	ug/L	1.00	0.400	1	7/12/2011 16:30	SS	7/13/2011 07:38	SS	
m & p-xylene	U	ug/L	2.00	0.400	1	7/12/2011 16:30	SS	7/13/2011 07:38	SS	
o-Xylene	U	ug/L	1.00	0.400	1	7/12/2011 16:30	SS	7/13/2011 07:38	SS	
t-1,4-Dichloro-2-butene	U	ug/L	1.00	0.410	1	7/12/2011 16:30	SS	7/13/2011 07:38	SS	
tert-Butyl methyl ether (MTBE)	U	ug/L	1.00	0.400	1	7/12/2011 16:30	SS	7/13/2011 07:38	SS	
trans-1,2-Dichloroethene	U	ug/L	1.00	0.400	1	7/12/2011 16:30	SS	7/13/2011 07:38	SS	
trans-1,3-Dichloropropene	U	ug/L	1.00	0.400	1	7/12/2011 16:30	SS	7/13/2011 07:38	SS	

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ANALYTICAL RESULTS

Workorder: 1127615

Project ID: Biscayne Landing

Lab ID: **1127615001** Date Received: 7/12/2011 08:30 Matrix: Aqueous Liquid

Sample ID: **SW-2B** Date Collected: 7/11/2011 14:22

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Dibromofluoromethane (S)	92	%	70-130		1	7/12/2011 16:30	SS	7/13/2011 07:38	SS	
Toluene d8 (S)	101	%	70-130		1	7/12/2011 16:30	SS	7/13/2011 07:38	SS	
4-Bromofluorobenzene (S)	103	%	70-130		1	7/12/2011 16:30	SS	7/13/2011 07:38	SS	
Analysis Desc: 4500NO3-H Nitrate+Nitrite (W)					Preparation Method: Wet Chem Prep Analytical Method: SM 4500-NO3 H					
Nitrite-Nitrate	U	mg/L	0.080	0.0400	1	7/13/2011 12:45	BFM	7/13/2011 12:58	BFM	J4
Analysis Desc: 4500NO2-B Nitrite (W)					Preparation Method: Wet Chem Prep Analytical Method: SM 4500-NO2 B					
Nitrite	U	mg/L	0.080	0.0400	1	7/13/2011 11:00	BFM	7/13/2011 11:12	BFM	
Analysis Desc: Fecal Coliform by SM 9222D [REF]					Analytical Method: SM 9222D					
Fecal Coliform	200	CFU/100mL	3.0	1.0	1			7/12/2011 16:45	FS	
Analysis Desc: TOC by SM 5310C [REF] (W)					Analytical Method: SM 5310C					
TOC	13	mg/L	0.50	0.168	1			7/20/2011 10:06	FS	
Analysis Desc: Nitrate (Calc.) (W)					Analytical Method: Calc.					
Nitrate	U	mg/L	0.080	0.0400	1			7/13/2011 14:00	BFM	
Analysis Desc: Hardness by Calc. SM 2340B (W)					Analytical Method: JEL 200.8/ICPMS (SM2340B calc)					
Total Hardness as CaCO3	170i	mg/L	240	12.3	200			7/14/2011 16:06	ZS	
Analysis Desc: TDS by 2540C [REF] (W)					Analytical Method: SM 2540C					
Total Dissolved Solids	290	mg/L	40	10.0	1			7/12/2011 16:00	SO	
Analysis Desc: TSS by 2540D [REF] (W)					Analytical Method: SM 2540D					
Total Suspended Solids	U	mg/L	16	4.00	1			7/12/2011 16:00	SO	
Analysis Desc: EPA 200.8 Metals (W)					Preparation Method: EPA 200.2 mod. Analytical Method: EPA 200.8 (Total)					
Beryllium	U	ug/L	8.0	0.26	4	7/13/2011 17:03	ZS	7/14/2011 16:06	ZS	
Vanadium	3.3i	ug/L	8.0	0.18	4	7/13/2011 17:03	ZS	7/14/2011 16:06	ZS	
Cobalt	U	ug/L	8.0	0.15	4	7/13/2011 17:03	ZS	7/14/2011 16:06	ZS	
Nickel	4.0i	ug/L	8.0	0.24	4	7/13/2011 17:03	ZS	7/14/2011 16:06	ZS	
Copper	1.5i	ug/L	8.0	0.14	4	7/13/2011 17:03	ZS	7/14/2011 16:06	ZS	
Zinc	3.0i	ug/L	8.0	0.28	4	7/13/2011 17:03	ZS	7/14/2011 16:06	ZS	
Antimony	U	ug/L	8.0	0.95	4	7/13/2011 17:03	ZS	7/14/2011 16:06	ZS	
Thallium	U	ug/L	8.0	0.21	4	7/13/2011 17:03	ZS	7/14/2011 16:06	ZS	
Chromium	3.6i	ug/L	8.0	0.27	4	7/13/2011 17:03	ZS	7/14/2011 16:06	ZS	
Arsenic	2.9i	ug/L	8.0	0.65	4	7/13/2011 17:03	ZS	7/14/2011 16:06	ZS	

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ANALYTICAL RESULTS

Workorder: 1127615

Project ID: Biscayne Landing

Lab ID: **1127615001** Date Received: 7/12/2011 08:30 Matrix: Aqueous Liquid

Sample ID: **SW-2B** Date Collected: 7/11/2011 14:22

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Selenium	U	ug/L	8.0	2.1	4	7/13/2011 17:03	ZS	7/14/2011 16:06	ZS	
Silver	U	ug/L	8.0	0.40	4	7/13/2011 17:03	ZS	7/14/2011 16:06	ZS	
Cadmium	U	ug/L	8.0	0.28	4	7/13/2011 17:03	ZS	7/14/2011 16:06	ZS	
Barium	46	ug/L	8.0	0.30	4	7/13/2011 17:03	ZS	7/14/2011 16:06	ZS	
Lead	0.19i	ug/L	8.0	0.12	4	7/13/2011 17:03	ZS	7/14/2011 16:06	ZS	

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ANALYTICAL RESULTS QUALIFIERS

Workorder: 1127615

Project ID: Biscayne Landing

PARAMETER QUALIFIERS

J4	MS/MSD recovery exceeded control limits due to matrix interference. LCS/LCSD recovery was within acceptable range.
V	Indicates that the analyte was detected in both the sample and the associated method blank.
[1]	Matrix interference in MS or MS Duplicate

PROJECT COMMENTS

1127615	A reported value of U indicates that the compound was analyzed for but not detected above the MDL. A value flagged with an "i" flag indicates that the reported value is between the laboratory method detection limit and the practical quantitation limit.

SUBCONTRACTOR NELAC CERTIFICATION

1127615	FS = E86006
1127615	SL = E84809

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QUALITY CONTROL DATA

Workorder: 1127615

Project ID: Biscayne Landing

QC Batch: VXX/4037 Analysis Method: EPA 8260B

QC Batch Method: EPA 5030B

Associated Lab Samples: 1127607002, 1127607003, 1127607005, 1127612001, 1127612003, 1127613001, 1127613002, 1127613003, 1127613004, 1127613005, 1127613006, 1127613007, 1127613008, 1127613009, 1127613010, 1127613011, 1127613012, 1127615001

METHOD BLANK: 38740

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Volatiles by GC/MS				
Dibromofluoromethane (S)	%	86	70-130	
Toluene d8 (S)	%	98	70-130	
4-Bromofluorobenzene (S)	%	108	70-130	
Chloromethane	ug/L	U	0.400	
Vinyl chloride	ug/L	U	0.400	
Bromomethane	ug/L	U	0.660	
Chloroethane	ug/L	U	0.400	
Trichlorofluoromethane	ug/L	U	0.400	
Acetone	ug/L	U	0.510	
1,1-Dichloroethene	ug/L	U	0.400	
Iodomethane	ug/L	U	0.460	
Acrylonitrile	ug/L	U	4.20	
Methylene chloride	ug/L	U	2.00	
Carbon disulfide	ug/L	U	0.400	
trans-1,2-Dichloroethene	ug/L	U	0.400	
tert-Butyl methyl ether (MTBE)	ug/L	U	0.400	
1,1-Dichloroethane	ug/L	U	0.400	
Vinyl acetate	ug/L	U	0.400	
Methyl ethyl ketone (MEK)	ug/L	U	0.640	
cis-1,2-Dichloroethene	ug/L	U	0.400	
Bromochloromethane	ug/L	U	0.400	
Chloroform	ug/L	U	0.400	
1,2-Dichloroethane	ug/L	U	0.400	
1,1,1-Trichloroethane	ug/L	U	0.400	
Carbon tetrachloride	ug/L	U	0.400	
Benzene	ug/L	U	0.400	
Dibromomethane	ug/L	U	0.400	
1,2-Dichloropropane	ug/L	U	0.400	
Trichloroethene	ug/L	U	0.400	
Bromodichloromethane	ug/L	U	0.400	
cis-1,3-Dichloropropene	ug/L	U	0.400	
4-methyl-2-pentanone	ug/L	U	0.400	
trans-1,3-Dichloropropene	ug/L	U	0.400	
1,1,2-Trichloroethane	ug/L	U	0.400	
Toluene	ug/L	U	0.400	
Dibromochloromethane	ug/L	U	0.400	

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QUALITY CONTROL DATA

Workorder: 1127615

Project ID: Biscayne Landing

METHOD BLANK: 38740

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
2-Hexanone	ug/L	U	0.400	
1,2-Dibromoethane (EDB)	ug/L	U	0.400	
Tetrachloroethene	ug/L	U	0.400	
1,1,1,2-Tetrachloroethane	ug/L	U	0.400	
Chlorobenzene	ug/L	U	0.400	
Ethylbenzene	ug/L	U	0.400	
m & p-xylene	ug/L	U	0.400	
Bromoform	ug/L	U	0.550	
t-1,4-Dichloro-2-butene	ug/L	U	0.410	
Styrene	ug/L	U	0.400	
1,1,2,2-Tetrachloroethane	ug/L	U	0.200	
o-Xylene	ug/L	U	0.400	
1,2,3-Trichloropropane	ug/L	U	0.400	
1,4-Dichlorobenzene	ug/L	U	0.400	
1,2-Dichlorobenzene	ug/L	U	0.400	
1,2-DBCP	ug/L	U	0.550	
Xylenes- Total	ug/L	U	0.400	

LABORATORY CONTROL SAMPLE & LCSD: 38735 38736

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Volatiles by GC/MS										
Dibromofluoromethane (S)	%				90	89	70-130	0.6	25	
Toluene d8 (S)	%				99	101	70-130	2	25	
4-Bromofluorobenzene (S)	%				105	108	70-130	3	25	
Chloromethane	ug/L	50.3	38.3	39.9	76	79	60-130	4	25	
Vinyl chloride	ug/L	50.3	61.1	56.8	122	113	70-130	7	25	
Bromomethane	ug/L	50.5	55.0	59.5	109	118	60-130	8	25	
Chloroethane	ug/L	50.3	55.8	51.8	111	103	70-130	7	25	
Trichlorofluoromethane	ug/L	50	49.3	49.6	99	99	70-130	0.6	25	
Acetone	ug/L	50.1	59.1	52.7	118	105	60-130	11	25	
1,1-Dichloroethene	ug/L	50	45.9	40.3	92	81	70-130	13	25	
Iodomethane	ug/L	50	37.3	42.6	74	85	70-130	13	25	
Acrylonitrile	ug/L		U	U				0	25	
Methylene chloride	ug/L	50.1	37.3	38.1	75	76	60-130	2	25	
Carbon disulfide	ug/L	50	44.3	57.1	89	114	60-130	25	25	
trans-1,2-Dichloroethene	ug/L	52.1	47.9	46.9	92	90	70-130	2	25	
tert-Butyl methyl ether (MTBE)	ug/L	50.1	49.9	50.8	100	101	70-130	2	25	
1,1-Dichloroethane	ug/L	50	46.0	45.5	92	91	70-130	1	25	
Vinyl acetate	ug/L	50.1	37.8	37.3	75	74	60-130	1	25	

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QUALITY CONTROL DATA

Workorder: 1127615

Project ID: Biscayne Landing

LABORATORY CONTROL SAMPLE & LCSD: 38735 38736

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Methyl ethyl ketone (MEK)	ug/L	50.1	49.7	48.4	99	97	70-130	3	25	
cis-1,2-Dichloroethene	ug/L	50	55.2	54.1	110	108	70-130	2	25	
Bromochloromethane	ug/L	50.1	55.1	55.2	110	110	70-130	0.2	25	
Chloroform	ug/L	50	52.6	51.4	105	103	70-130	2	25	
1,2-Dichloroethane	ug/L	50	57.3	56.6	115	113	70-130	1	25	
1,1,1-Trichloroethane	ug/L	50	58.6	56.8	117	114	70-130	3	25	
Carbon tetrachloride	ug/L	50	57.0	55.9	114	112	60-130	2	25	
Benzene	ug/L	50	56.4	55.3	113	111	70-130	2	25	
Dibromomethane	ug/L	50	54.4	54.2	109	108	70-130	0.4	25	
1,2-Dichloropropane	ug/L	50	51.0	50.7	102	101	70-130	0.6	25	
Trichloroethene	ug/L	50	55.5	52.8	111	106	70-130	5	25	
Bromodichloromethane	ug/L	50	54.6	54.1	109	108	70-130	0.9	25	
cis-1,3-Dichloropropene	ug/L	53.8	51.6	51.4	96	96	60-130	0.4	25	
4-methyl-2-pentanone	ug/L	50.1	40.1	39.6	80	79	60-130	1	25	
trans-1,3-Dichloropropene	ug/L	48.6	52.2	51.6	107	106	60-130	1	25	
1,1,2-Trichloroethane	ug/L	50	54.5	55.5	109	111	70-130	2	25	
Toluene	ug/L	50	55.4	53.6	111	107	70-130	3	25	
Dibromochloromethane	ug/L	50	54.5	55.6	109	111	70-130	2	25	
2-Hexanone	ug/L	50.1	40.7	38.0	81	76	70-130	7	25	
1,2-Dibromoethane (EDB)	ug/L	50.2	58.7	56.9	117	113	70-130	3	25	
Tetrachloroethene	ug/L	50.1	53.0	50.9	106	102	70-130	4	25	
1,1,1,2-Tetrachloroethane	ug/L	50	56.6	53.5	113	107	70-130	6	25	
Chlorobenzene	ug/L	50	56.1	55.3	112	111	70-130	1	25	
Ethylbenzene	ug/L	50	59.7	57.3	119	115	70-130	4	25	
m & p-xylene	ug/L	100	105	104	105	104	70-130	1	25	
Bromoform	ug/L	50	50.0	48.4	100	97	70-130	3	25	
t-1,4-Dichloro-2-butene	ug/L	50.1	56.4	55.6	113	111	60-130	1	25	
Styrene	ug/L	50	48.8	47.1	98	94	70-130	4	25	
1,1,2,2-Tetrachloroethane	ug/L	50	49.2	47.0	98	94	70-130	5	25	
o-Xylene	ug/L	50	56.7	53.5	113	107	70-130	6	25	
1,2,3-Trichloropropane	ug/L	50	60.4	59.1	121	118	70-130	2	25	
1,4-Dichlorobenzene	ug/L	50	50.8	51.2	102	102	70-130	0.8	25	
1,2-Dichlorobenzene	ug/L	50	51.5	53.0	103	106	70-130	3	25	
1,2-DBCP	ug/L	50	52.2	55.3	104	111	60-130	6	25	
Xylenes- Total	ug/L	150	162	158	108	105	70-130	3		

LABORATORY CONTROL SAMPLE & LCSD: 38737 38738

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Volatiles by GC/MS										
Dibromofluoromethane (S)	%				88	89		0.6	25	
Toluene d8 (S)	%				98	98		0.5	25	

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QUALITY CONTROL DATA

Workorder: 1127615

Project ID: Biscayne Landing

LABORATORY CONTROL SAMPLE & LCSD: 38737 38738

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
4-Bromofluorobenzene (S)	%				104	103		1	25	
Chloromethane	ug/L		U	U				0	25	
Vinyl chloride	ug/L		U	U				0	25	
Bromomethane	ug/L		U	U				0	25	
Chloroethane	ug/L		U	U				0	25	
Trichlorofluoromethane	ug/L		U	U				0	25	
Acetone	ug/L		U	U				0	25	
1,1-Dichloroethene	ug/L		U	U				0	25	
Iodomethane	ug/L		U	U				0	25	
Acrylonitrile	ug/L	250	172	221	69	88	60-130	25	25	
Methylene chloride	ug/L		U	U				0	25	
Carbon disulfide	ug/L		U	U				0	25	
trans-1,2-Dichloroethene	ug/L		U	U				0	25	
tert-Butyl methyl ether (MTBE)	ug/L		U	U				0	25	
1,1-Dichloroethane	ug/L		U	U				0	25	
Vinyl acetate	ug/L		U	U				0	25	
Methyl ethyl ketone (MEK)	ug/L		U	U				0	25	
cis-1,2-Dichloroethene	ug/L		U	U				0	25	
Bromochloromethane	ug/L		U	U				0	25	
Chloroform	ug/L		U	U				0	25	
1,2-Dichloroethane	ug/L		U	U				0	25	
1,1,1-Trichloroethane	ug/L		U	U				0	25	
Carbon tetrachloride	ug/L		U	U				0	25	
Benzene	ug/L		U	U				0	25	
Dibromomethane	ug/L		U	U				0	25	
1,2-Dichloropropane	ug/L		U	U				0	25	
Trichloroethene	ug/L		U	U				0	25	
Bromodichloromethane	ug/L		U	U				0	25	
cis-1,3-Dichloropropene	ug/L		U	U				0	25	
4-methyl-2-pentanone	ug/L		U	U				0	25	
trans-1,3-Dichloropropene	ug/L		U	U				0	25	
1,1,2-Trichloroethane	ug/L		U	U				0	25	
Toluene	ug/L		U	U				0	25	
Dibromochloromethane	ug/L		U	U				0	25	
2-Hexanone	ug/L		U	U				0	25	
1,2-Dibromoethane (EDB)	ug/L		U	U				0	25	
Tetrachloroethene	ug/L		U	U				0	25	
1,1,1,2-Tetrachloroethane	ug/L		U	U				0	25	
Chlorobenzene	ug/L		U	U				0	25	
Ethylbenzene	ug/L		U	U				0	25	
m & p-xylene	ug/L		U	U				0	25	
Bromoform	ug/L		U	U				0	25	
t-1,4-Dichloro-2-butene	ug/L		U	U				0	25	

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QUALITY CONTROL DATA

Workorder: 1127615

Project ID: Biscayne Landing

LABORATORY CONTROL SAMPLE & LCSD: 38737 38738

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Styrene	ug/L		U	U				0	25	
1,1,2,2-Tetrachloroethane	ug/L		U	U				0	25	
o-Xylene	ug/L		U	U				0	25	
1,2,3-Trichloropropane	ug/L		U	U				0	25	
1,4-Dichlorobenzene	ug/L		U	U				0	25	
1,2-Dichlorobenzene	ug/L		U	U				0	25	
1,2-DBCP	ug/L		U	U				0	25	
Xylenes- Total	ug/L		U	U				0		

MATRIX SPIKE SAMPLE: 38739 Original: 1127612001

Parameter	Units	Original Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Volatiles by GC/MS							
Dibromofluoromethane (S)	%				90	70-130	
Toluene d8 (S)	%				100	70-130	
4-Bromofluorobenzene (S)	%				105	70-130	
Chloromethane	ug/L	0	50.3	40.5	81	70-135	
Vinyl chloride	ug/L	0	50.3	52.8	105	70-135	
Bromomethane	ug/L	0	50.5	45.8	91	60-135	
Chloroethane	ug/L	0	50.3	52.5	104	70-135	
Trichlorofluoromethane	ug/L	0	50	46.8	94	70-135	
Acetone	ug/L						
1,1-Dichloroethene	ug/L	0	50	49.1	98	70-135	
Iodomethane	ug/L						
Acrylonitrile	ug/L						
Methylene chloride	ug/L	0	50.1	46.5	93	60-135	
Carbon disulfide	ug/L						
trans-1,2-Dichloroethene	ug/L	0	52.1	46.5	89	70-135	
tert-Butyl methyl ether (MTBE)	ug/L	0	50.1	48.2	96	70-135	
1,1-Dichloroethane	ug/L	0	50	44.9	90	70-135	
Vinyl acetate	ug/L						
Methyl ethyl ketone (MEK)	ug/L						
cis-1,2-Dichloroethene	ug/L	0	50	52.4	105	70-135	
Bromochloromethane	ug/L	0	50.1	52.4	105	70-135	
Chloroform	ug/L	0	50	51.1	102	70-135	
1,2-Dichloroethane	ug/L	0	50	56.7	113	70-135	
1,1,1-Trichloroethane	ug/L	0	50	56	112	70-135	
Carbon tetrachloride	ug/L	0	50	53.8	108	70-135	
Benzene	ug/L	0	50	53.6	107	70-135	

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QUALITY CONTROL DATA

Workorder: 1127615

Project ID: Biscayne Landing

MATRIX SPIKE SAMPLE: 38739 Original: 1127612001

Parameter	Units	Original Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Dibromomethane	ug/L	0	50	52	104	70-135	
1,2-Dichloropropane	ug/L	0	50	49.6	99	70-135	
Trichloroethene	ug/L	0	50	51.1	102	70-135	
Bromodichloromethane	ug/L	0	50	52.4	105	70-135	
cis-1,3-Dichloropropene	ug/L	0	53.8	49.8	93	70-135	
4-methyl-2-pentanone	ug/L						
trans-1,3-Dichloropropene	ug/L	0	48.6	49.8	102	70-135	
1,1,2-Trichloroethane	ug/L	0	50	52.7	105	70-135	
Toluene	ug/L	0	50	50.2	100	70-135	
Dibromochloromethane	ug/L	0	50	49.9	100	70-135	
2-Hexanone	ug/L						
1,2-Dibromoethane (EDB)	ug/L	0	50.2	52.2	104	70-135	
Tetrachloroethene	ug/L	0	50.1	47.5	95	70-135	
1,1,1,2-Tetrachloroethane	ug/L	0	50	50.3	101	70-135	
Chlorobenzene	ug/L	0	50	51.3	103	70-135	
Ethylbenzene	ug/L	0	50	53.4	107	70-135	
m & p-xylene	ug/L	0	100	96.5	97	70-135	
Bromoform	ug/L	0	50	44.4	89	70-135	
t-1,4-Dichloro-2-butene	ug/L						
Styrene	ug/L						
1,1,2,2-Tetrachloroethane	ug/L						
o-Xylene	ug/L	0	50	48.9	98	70-135	
1,2,3-Trichloropropane	ug/L						
1,4-Dichlorobenzene	ug/L	0	50	46.9	94	70-135	
1,2-Dichlorobenzene	ug/L	0	50	47.2	94	70-135	
1,2-DBCP	ug/L	0	50	48.2	96	70-135	
Xylenes- Total	ug/L	0	150	145	97		

SAMPLE DUPLICATE: 38741 Original: 1127607003

Parameter	Units	Original Result	DUP Result	RPD	Max RPD	Qualifiers
Volatiles by GC/MS						
Dibromofluoromethane (S)	%	35.5		4	25	
Toluene d8 (S)	%	40.2		0.2	25	
4-Bromofluorobenzene (S)	%	42.4		3	25	
Chloromethane	ug/L		U			
Vinyl chloride	ug/L		U			
Bromomethane	ug/L		U			
Chloroethane	ug/L		U			
Trichlorofluoromethane	ug/L		U			

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Workorder: 1127615

Project ID: Biscayne Landing

SAMPLE DUPLICATE: 38741 Original: 1127607003

Parameter	Units	Original Result	DUP Result	RPD	Max RPD	Qualifiers
Acetone	ug/L		U			
1,1-Dichloroethene	ug/L		U			
Iodomethane	ug/L		U			
Acrylonitrile	ug/L		U			
Methylene chloride	ug/L		U			
Carbon disulfide	ug/L		U			
trans-1,2-Dichloroethene	ug/L		U			
tert-Butyl methyl ether (MTBE)	ug/L	0	U	0	25	
1,1-Dichloroethane	ug/L		U			
Vinyl acetate	ug/L		U			
Methyl ethyl ketone (MEK)	ug/L		U			
cis-1,2-Dichloroethene	ug/L		U			
Bromochloromethane	ug/L		U			
Chloroform	ug/L		U			
1,2-Dichloroethane	ug/L		U			
1,1,1-Trichloroethane	ug/L		U			
Carbon tetrachloride	ug/L		U			
Benzene	ug/L	0	U	0	25	
Dibromomethane	ug/L		U			
1,2-Dichloropropane	ug/L		U			
Trichloroethene	ug/L		U			
Bromodichloromethane	ug/L		U			
cis-1,3-Dichloropropene	ug/L		U			
4-methyl-2-pentanone	ug/L		U			
trans-1,3-Dichloropropene	ug/L		U			
1,1,2-Trichloroethane	ug/L		U			
Toluene	ug/L	0	U	0	25	
Dibromochloromethane	ug/L		U			
2-Hexanone	ug/L		U			
1,2-Dibromoethane (EDB)	ug/L		U			
Tetrachloroethene	ug/L		U			
1,1,1,2-Tetrachloroethane	ug/L		U			
Chlorobenzene	ug/L	0	U	0	25	
Ethylbenzene	ug/L	0.66	0.540i	20	25	
m & p-xylene	ug/L	0	U	0	25	
Bromoform	ug/L		U			
t-1,4-Dichloro-2-butene	ug/L		U			
Styrene	ug/L		U			
1,1,2,2-Tetrachloroethane	ug/L		U			
o-Xylene	ug/L	0	U	0	25	
1,2,3-Trichloropropane	ug/L		U			
1,4-Dichlorobenzene	ug/L	0	U	0	25	
1,2-Dichlorobenzene	ug/L	0	U	0	25	

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QUALITY CONTROL DATA

Workorder: 1127615

Project ID: Biscayne Landing

SAMPLE DUPLICATE: 38741 Original: 1127607003

Parameter	Units	Original Result	DUP Result	RPD	Max RPD	Qualifiers
1,2-DBCP	ug/L		U			
Xylenes- Total	ug/L	0	U	0		

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QUALITY CONTROL DATA

Workorder: 1127615

Project ID: Biscayne Landing

QC Batch: WXX/1706 Analysis Method: SM 4500-NO2 B

QC Batch Method: Wet Chem Prep

Associated Lab Samples: 1127615001

METHOD BLANK: 38747

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Nitrite	mg/L	U	0.040	

LABORATORY CONTROL SAMPLE & LCSD: 38748 38749

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Nitrite	mg/L	0.25	0.26	0.26	104	103	85-115	0	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 38750 38751 Original: 1127615001

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Nitrite	mg/L	0	0.5	0.49		98.8	97.8	85-115	0	20	

SAMPLE DUPLICATE: 38752 Original: 1127615001

Parameter	Units	Original Result	DUP Result	RPD	Max RPD	Qualifiers
Nitrite	mg/L	0	U	0	20	

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QUALITY CONTROL DATA

Workorder: 1127615

Project ID: Biscayne Landing

QC Batch: WXX/1708 Analysis Method: SM 4500-NO3 H

QC Batch Method: Wet Chem Prep

Associated Lab Samples: 1127601001 1127601002 1127601003 1127615001

METHOD BLANK: 38764

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Nitrite-Nitrate	mg/L	U	0.040	

LABORATORY CONTROL SAMPLE & LCSD: 38765 38766

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Nitrite-Nitrate	mg/L	0.5	0.48	0.50	96.8	99	85-115	4.1	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 38767 38768 Original: 1127615001

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Nitrite-Nitrate	mg/L	0	0.5	0.78	0.78	155	156	85-115	0	20	J4

SAMPLE DUPLICATE: 38769 Original: 1127615001

Parameter	Units	Original Result	DUP Result	RPD	Max RPD	Qualifiers
Nitrite-Nitrate	mg/L	0	U	0	20	

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QUALITY CONTROL DATA

Workorder: 1127615

Project ID: Biscayne Landing

QC Batch: WXX/1709 Analysis Method: EPA 350.1

QC Batch Method: Wet Chem Prep

Associated Lab Samples: 1127601001 1127601002 1127601003 1127615001

METHOD BLANK: 38770

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Ammonia	mg/L	U	0.050	

LABORATORY CONTROL SAMPLE & LCSD: 38771 38772

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Ammonia	mg/L	0.5	0.48	0.53	95.8	105	90-110	9.9	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 38773 38774 Original: 1127615001

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Ammonia	mg/L	0.22	0.5	0.65	0.67	85.8	90.4	90-110	3	20	J4

SAMPLE DUPLICATE: 38775 Original: 1127615001

Parameter	Units	Original Result	DUP Result	RPD	Max RPD	Qualifiers
Ammonia	mg/L	0.22	0.21	4.7	20	

FDOH# E86546

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Fax: (561)575-4118

QUALITY CONTROL DATA

Workorder: 1127615

Project ID: Biscayne Landing

QC Batch: WXX/1710 Analysis Method: EPA 365.3 (Phosphorus -Total)

QC Batch Method: TP Prep

Associated Lab Samples: 1127615001

METHOD BLANK: 38809

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Phosphorus	mg/L	U	0.0050	

LABORATORY CONTROL SAMPLE & LCSD: 38810 38811

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Phosphorus	mg/L	0.25	0.25	0.25	99.8	99.5	85-115	0	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 38812 38813 Original: 1127615001

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Phosphorus	mg/L	0.11	0.25	0.38		109	108	85-115	0	20	

SAMPLE DUPLICATE: 38814 Original: 1127615001

Parameter	Units	Original Result	DUP Result	RPD	Max RPD	Qualifiers
Phosphorus	mg/L	0.11	0.10	9.5	20	

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QUALITY CONTROL DATA

Workorder: 1127615

Project ID: Biscayne Landing

QC Batch: MXX/4284 Analysis Method: EPA 200.8 (Total)

QC Batch Method: EPA 200.2 mod.

Associated Lab Samples: 1127606009 1127606010 1127606011 1127606012 1127610002 1127611001 1127611002 1127612001 1127612002 1127612003 1127615001 1127617001 1127630001

METHOD BLANK: 38843

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Beryllium	ug/L	U	0.066	
Vanadium	ug/L	U	0.046	
Chromium	ug/L	U	0.067	
Cobalt	ug/L	U	0.038	
Nickel	ug/L	U	0.059	
Copper	ug/L	U	0.034	
Zinc	ug/L	U	0.069	
Arsenic	ug/L	U	0.16	
Selenium	ug/L	U	0.52	
Silver	ug/L	U	0.10	
Cadmium	ug/L	U	0.071	
Antimony	ug/L	U	0.24	
Barium	ug/L	U	0.076	
Thallium	ug/L	U	0.053	
Lead	ug/L	U	0.029	

LABORATORY CONTROL SAMPLE & LCSD: 38844 38845

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Beryllium	ug/L	50	50	50	101	101	85-115	0	20	
Vanadium	ug/L	50	50	50	99.9	99	85-115	0	20	
Chromium	ug/L	50	49	49	98.5	97.8	85-115	0	20	
Cobalt	ug/L	50	50	50	101	100	85-115	0	20	
Nickel	ug/L	50	50	51	101	101	85-115	1.98	20	
Copper	ug/L	50	49	50	98.7	99.4	85-115	2.02	20	
Zinc	ug/L	50	51	51	103	103	85-115	0	20	
Arsenic	ug/L	50	49	49	98.3	98.7	85-115	0	20	
Selenium	ug/L	50	49	49	98.1	98.9	85-115	0	20	
Silver	ug/L	50	54	56	107	111	85-115	3.64	20	
Cadmium	ug/L	50	50	50	101	101	85-115	0	20	
Antimony	ug/L	50	52	52	103	104	85-115	0	20	
Barium	ug/L	50	53	52	106	104	85-115	1.9	20	
Thallium	ug/L	50	51	50	102	99.9	85-115	1.98	20	
Lead	ug/L	50	51	51	102	101	85-115	0	20	

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QUALITY CONTROL DATA

Workorder: 1127615

Project ID: Biscayne Landing

MATRIX SPIKE SAMPLE: 38847 Original: 1127612003

Parameter	Units	Original Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Beryllium	ug/L						
Vanadium	ug/L						
Chromium	ug/L						
Cobalt	ug/L						
Nickel	ug/L						
Copper	ug/L						
Zinc	ug/L						
Arsenic	ug/L						
Selenium	ug/L						
Silver	ug/L						
Cadmium	ug/L						
Antimony	ug/L						
Barium	ug/L						
Thallium	ug/L						
Lead	ug/L	0.4	50	53	105	70-130	

MATRIX SPIKE SAMPLE: 38849 Original: 1127626009

Parameter	Units	Original Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Beryllium	ug/L	0.28	50	53	106	70-130	
Vanadium	ug/L	12	50	63	103	70-130	
Chromium	ug/L	37	50	87	99.5	70-130	
Cobalt	ug/L	7.1	50	59	105	70-130	
Nickel	ug/L	49	50	97	97.6	70-130	
Copper	ug/L	3.8	50	50	92	70-130	
Zinc	ug/L	1100	50	1100	102	70-130	
Arsenic	ug/L	0.91	50	53	105	70-130	
Selenium	ug/L	0	50	53	106	70-130	
Silver	ug/L	0	50	41	83	70-130	
Cadmium	ug/L	0	50	51	101	70-130	
Antimony	ug/L	0.4	50	53	106	70-130	
Barium	ug/L	170	50	220	103	70-130	
Thallium	ug/L	0	50	52	104	70-130	
Lead	ug/L	0.072	50	51	101	70-130	

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QUALITY CONTROL DATA

Workorder: 1127615

Project ID: Biscayne Landing

SAMPLE DUPLICATE: 38846 Original: 1127612003

Parameter	Units	Original Result	DUP Result	RPD	Max RPD	Qualifiers
Beryllium	ug/L		U			
Vanadium	ug/L		U			
Chromium	ug/L		U			
Cobalt	ug/L		U			
Nickel	ug/L		U			
Copper	ug/L		U			
Zinc	ug/L		U			
Arsenic	ug/L		U			
Selenium	ug/L		U			
Silver	ug/L		U			
Cadmium	ug/L		U			
Antimony	ug/L		U			
Barium	ug/L		U			
Thallium	ug/L		U			
Lead	ug/L	0.4	0.40i	0	20	

SAMPLE DUPLICATE: 38848 Original: 1127626009

Parameter	Units	Original Result	DUP Result	RPD	Max RPD	Qualifiers
Beryllium	ug/L	0.28	U	7.41	20	
Vanadium	ug/L	12	13	8	20	
Chromium	ug/L	37	40	7.79	20	
Cobalt	ug/L	7.1	7.5i	5.48	20	
Nickel	ug/L	49	49	0	20	
Copper	ug/L	3.8	1.8i	71.4	20	P1
Zinc	ug/L	1100	1100	0	20	
Arsenic	ug/L	0.91	0.68i	28.9	20	P1
Selenium	ug/L	0	U	0	20	
Silver	ug/L	0	U	0	20	
Cadmium	ug/L	0	U	0	20	
Antimony	ug/L	0.4	U	5.13	20	
Barium	ug/L	170	180	5.71	20	
Thallium	ug/L	0	U	0	20	
Lead	ug/L	0.072	U	5.71	20	

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QUALITY CONTROL DATA

Workorder: 1127615

Project ID: Biscayne Landing

QC Batch: MHG/1457 Analysis Method: EPA 1631E

QC Batch Method: EPA 1631E

Associated Lab Samples: 1127595010 1127595011 1127600001 1127600002 1127600003 1127600006 1127600007 1127600008 1127601001 1127601002 1127601003 1127615001

METHOD BLANK: 38861

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Mercury	ug/L	U	0.00025	

LABORATORY CONTROL SAMPLE: 38862

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	0.01	0.0079	79.3	77-123	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 38863 38864 Original: 1127601002

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Mercury	ug/L	0	0.015	0.011	0.014	76.3	91.9	71-125	24	24	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 38865 38866 Original: 1127626009

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Mercury	ug/L	0.0015	0.015	0.016	0.016	97.3	98.4	71-125	0	24	

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QUALITY CONTROL DATA QUALIFIERS

Workorder: 1127615

Project ID: Biscayne Landing

QUALITY CONTROL PARAMETER QUALIFIERS

J4	MS/MSD recovery exceeded control limits due to matrix interference. LCS/LCSD recovery was within acceptable range.
P1	RPD value not applicable for sample concentrations less than 5 times the PQL.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Workorder: 1127615

Project ID: Biscayne Landing

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
1127615001	**SW-2B**	EPA 5030B	VXX/4037	EPA 8260B	VMS/3850
1127615001	**SW-2B**	Wet Chem Prep	WXX/1706	SM 4500-NO2 B	WET/1781
1127615001	**SW-2B**	Wet Chem Prep	WXX/1708	SM 4500-NO3 H	WET/1783
1127615001	**SW-2B**	Wet Chem Prep	WXX/1709	EPA 350.1	WET/1784
1127615001	**SW-2B**	Calc.	WET/1785		
1127615001	**SW-2B**	TP Prep	WXX/1710	EPA 365.3 (Phosphorus -Total)	WET/1786
1127615001	**SW-2B**	EPA 200.2 mod.	MXX/4284	EPA 200.8 (Total)	MMS/3878
1127615001	**SW-2B**	JEL 200.8/ICPMS (SM2340B calc)	MMS/3878		
1127615001	**SW-2B**	EPA 1631E	MHG/1457	EPA 1631E	MHG/1458
1127615001	**SW-2B**	SM 2540C	REF/2964		
1127615001	**SW-2B**	SM 2540D	REF/2966		
1127615001	**SW-2B**	Calc (NOx+TKN)	REF/	Calc (NOx+TKN)	REF/
1127615001	**SW-2B**	EPA 410.4	REF/	EPA 410.4	REF/
1127615001	**SW-2B**	EPA 6010	REF/	EPA 6010	REF/
1127615001	**SW-2B**	SM 10200H	REF/	SM 10200H	REF/
1127615001	**SW-2B**	SM 5210B	REF/	SM 5210B	REF/
1127615001	**SW-2B**	SM 5310C	REF/	SM 5310C	REF/
1127615001	**SW-2B**	SM 9222D	REF/	SM 9222D	REF/

FDOH# E86546

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Quality Control Data

Project Number	Jupiter Environmental
110714.01	Project Description
	1127615

July 27, 2011

Batch No: D9946

Test: Metals by EPA Method 6010

TestCode: 6010-L-ug/l

Associated Samples
125640

Compound	Blank			LCS Spike	LCS %Rec	LCSD %Rec	RPD %	---QC Limits--- RPD	LCS	MS Spike	MS %Rec	MSD %Rec	RPD %	---QC Limits--- RPD	MS	Dup RPD	Qualifiers
Parent Sample Number											*125640*	*125640*					
Iron	28		ug/L	1000	104	104	0	20	80-120	1000	113	103	9	20	75-125		
Sodium	11	U	ug/L	10000	99	100	1	20	80-120	10000	100	103	3	20	75-125		

* indicates value is outside control limits for %Recovery or greater than acceptance criteria for RPD

Footnotes

U *Compound was analyzed for but not detected.*

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J.E.L. Log # 1127615
P.O. # 2011048
Quote # _____

Company Name: ES Consultants, Inc.
Address: 7200 N. Kendall Dr
City: Miami State: FL Zip: 33156
Sampling Site Address: 2200 NE 143 St.
Attn: Fanyui Zhang Email: Zhang@esconsultants.net
Project Name: Biscayne Landing Project #: 2011048
Sampler Name/Signature: Roger Silver

LAB ANALYSIS

Requested Turnaround Time
Note: Rush requests subject to acceptance by the laboratory
✓ Standard
___ Expedited
Due___/___/___

#	Sample Label (Client ID)	Collected Date	Collected Time	Matrix Code*	# of Cont	F. Coliform	Chlorophyll A	Total P, Total N	COD	BOD	TSS, TDS	TOC	VOCs	Metals, Hardness	NH_3	Nitrate	pH	Field Filtered (Y/N)	Comments
1	SW-2B	7/11/11	14:22	SW	16	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	8.22		Very short Hold
2																			
3																			
4																			
5																			
6																			
7																			
8																			
9																			
10																			

Comments: – F. Coliform – chlorophyll A – ADaPT required

Matrix Codes*			
S	Soil/Solid Sediment	SW	Surface Water
GW	Ground Water	SL	Sludge
WW	Waste Water	O	Other (Please Specify)
DW	Drinking Water		

Pres Codes			
A- none		I-	Ice
B- HNO_3		O-	Other
C- H_2SO_4		M-	MeOH
D- NaOH		N-	$Na_2S_2O_3$
E- HCl		Z-	ZnAc

Relinquished by	Date	Time	Received by	Date	Time
[signature]	7/11/11	14:50	[signature]	7/11/11	1450
[signature]	7/11/11	1625	[signature]		
[signature]	7-12-11	0830	[signature]	7-12-11	0830

QA/QC level with report
None ___1___2___3___ See price guide for applicable fees

FDEP Dry Cleaning ☐ FDEP UST Pre-Approval ☐
SFWMD ☐ ADaPT ☑ DOT ☐

Temp Control: 3 °C

Page 1 of 1

27615

Login Checklist

Cooler Unpacked/Checked by: KA Date: 7/12/11

Project ID: 1127615

Cooler Check

Cooler ID	Cooler Temp (C)	# of Samples in Cooler	*Tracking #	Evidence Tape			
				Present?		Intact?	
				Yes	No	Yes	No
	3	1			✓		✓

Note: if the temperature of a cooler is above 6C or an evidence seal is damaged then identify the bottles in the affected cooler(s) on the sample discrepancy form.
*Write tracking number only if waybill copy cannot be placed in the folder

Condition of Containers:

Loose Caps: Yes_____ No ✓
If yes, fill out sample discrepancy form.

Broken Containers: Yes_____ No ✓
If yes, fill out sample discrepancy form.

Acid Preserved Samples: Are their pHs </=2 ?Yes ✓ No_____ N/A_____
If no, fill out sample discrepancy form and check unpreserved containers with same Field ID.

Base Preserved Samples: Are their pHs >/=12 or 9 ?Yes_____ No_____ N/A ✓
(Cyanide >/= 12; Sulfide >/=9)
If no, fill out sample discrepancy form and check unpreserved containers with same Field ID.

Are all samples in cooler on COC?: Yes ✓ No_____
If no, fill out sample discrepancy form.

Are all samples on COC in cooler?: Yes ✓ No_____
If no, fill out sample discrepancy form.

N/A = not Applicable