

Chemical Analysis Report

NW-DIST-2010-08-31-07

Florida Department of Environmental Protection
Central Laboratory
2600 Blair Stone Road
Tallahassee, FL 32399-2400
DOH Accreditation E31780

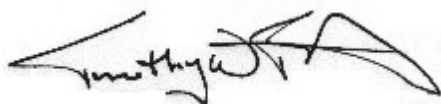
Event Description: **Project Greenshores**
Request ID: **RQ-2010-08-23-27**
Customer: **NW-DIST**
Project ID: **DISCRTNARY**

Send Reports to:
FL Dept. of Environmental Protection
160 Government Center
Suite 308
Pensacola, FL 32502-5794
Attn: Cheryl Bunch

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Certified by: Timothy Fitzpatrick, Program Administrator

Date Certified: 14-SEP-2010 11:23



NON-CONFORMANCE REPORT INCLUDED

Abbreviations and data remark codes

CERT # - NELAP (National Environmental Laboratory Accreditation Program) Certification Number of the laboratory that performed the analysis.

LCS – Laboratory Control Sample; in the QC Failures column, this notation indicates a batch recovery failure.

MS – Matrix Spike; in the QC Failures column, this notation indicates a batch recovery failure.

RPD – Relative Percent Difference; in the QC Failures column, this notation indicates a batch failure for precision.

CCV – Continuing Calibration Verification; in the QC Failures column, this notation indicates a failure of the calibration verification check sample.

RSD – Relative Standard Deviation expressed as a percentage.

SMP – Sample.

* - Item was outside the QC Limits.

** - The laboratory is not NELAP certified for this analyte/method, or certification is not applicable.

A - Value reported is the mean of two or more determinations

B - Results based on colony counts outside the acceptable range.

I - The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.

J - Estimated value

K - Actual value is known to be less than value given

L - Actual value is known to be greater than value given

N - Presumptive evidence of presence of material.

O - Sampled, but analysis lost or not performed.

Q - Sample held beyond normal holding time.

T - Value reported is less than the criterion of detection.

U - Material was analyzed for but not detected. The reported value is the method detection limit for the sample analyzed.

V - Analyte was detected in both sample and method blank.

X - Too few individuals to calculate SCI value.

Y - The laboratory analysis was from an unpreserved or improperly preserved sample. The data may not be accurate

Z - Colonies were too numerous to count (TNTC).

Precision is reported as relative percent difference unless otherwise noted.

Uncertainty associated with the analytical results contained in this report can be estimated from the reported quality assurance results and from published test performance acceptance criteria.

Unless otherwise noted, analytical values for soil and sediment samples are reported on a dry weight basis, and analytical values for waste and tissue samples are reported on a wet weight basis.

All sample collection performed by Bureau of Laboratories staff followed the field Standard Operating Procedures adopted by reference in Rule 62-160 FAC unless otherwise noted.

Quality control information from overflow laboratories may not be included in this report. Please refer to the associated report from the overflow laboratory for additional information.

Results for NELAP accredited tests contained in this report meet the requirements specified by the National Environmental Laboratory Accreditation Conference (NELAC). All samples received were in acceptable condition and met NELAC requirements unless otherwise noted. Results generated in this report pertain to the samples collected and submitted for analysis.

Sample Location: 1/2 BETWEEN BRIDGE AND PORT

Collection Date/Time: 08/30/2010 10:40 AM

Field ID: 7

Matrix: W-OTHER

Sample ID	Ref. Method	Component	Result	Code	QC Failures	Units	Cert #
1295569	EPA 180.1 Rev. 2.0	Turbidity	3.0			NTU	E31780
	SM 2120 B-01	Color (apparent)	15			PCU	
	SM 2540 D-97	TSS	27	A		mg/L	
1295583	EPA 350.1 Rev. 2.0	Ammonia-N	0.031	Y		mg N/L	
	EPA 351.2 Rev. 2.0	Kjeldahl Nitrogen	0.43	Y	MS	mg N/L	
	EPA 353.2 Rev. 2.0	NO2NO3-N	0.021	Y		mg N/L	
	EPA 365.1 Rev. 2.0	Total-P	0.020	Y		mg P/L	

Ref. Method and Comment:

SM 2120 B-01: The pH of the aliquot used to measure the color is 8 units. This value does not represent the field pH.

EPA 350.1 Rev. 2.0: The sample was received unpreserved: pH > 2. Sample preserved in laboratory.

EPA 351.2 Rev. 2.0: The sample was received unpreserved: pH > 2. Sample preserved in laboratory.

EPA 353.2 Rev. 2.0: The sample was received unpreserved: pH > 2. Sample preserved in laboratory.

EPA 365.1 Rev. 2.0: Total-P: The sample was received unpreserved: pH > 2. Sample preserved in laboratory.

Sample Location: 1/2 MUSCOGEE AND HAWKSHAW 400FT FROM SHORE

Collection Date/Time: 08/30/2010 11:35 AM

Field ID: 6

Matrix: W-OTHER

Sample ID	Ref. Method	Component	Result	Code	QC Failures	Units	Cert #
1295568	EPA 180.1 Rev. 2.0	Turbidity	3.1			NTU	E31780
	SM 2120 B-01	Color (apparent)	15			PCU	
	SM 2540 D-97	TSS	24			mg/L	
1295582	EPA 350.1 Rev. 2.0	Ammonia-N	0.024	Y		mg N/L	
	EPA 351.2 Rev. 2.0	Kjeldahl Nitrogen	0.44	Y	MS	mg N/L	
	EPA 353.2 Rev. 2.0	NO2NO3-N	0.022	Y		mg N/L	
	EPA 365.1 Rev. 2.0	Total-P	0.022	Y		mg P/L	

Ref. Method and Comment:

SM 2120 B-01: The pH of the aliquot used to measure the color is 8 units. This value does not represent the field pH.

EPA 350.1 Rev. 2.0: The sample was received unpreserved: pH > 2. Sample preserved in laboratory.

EPA 351.2 Rev. 2.0: The sample was received unpreserved: pH > 2. Sample preserved in laboratory.

EPA 353.2 Rev. 2.0: The sample was received unpreserved: pH > 2. Sample preserved in laboratory.

EPA 365.1 Rev. 2.0: Total-P: The sample was received unpreserved: pH > 2. Sample preserved in laboratory.

Sample Location: 1/4 BETWEEN BRIDGE AND PORT 400FT FROM SHORE

Collection Date/Time: 08/30/2010 10:50 AM

Field ID: 12

Matrix: W-OTHER

Sample ID	Ref. Method	Component	Result	Code	QC Failures	Units	Cert #
1295574	EPA 180.1 Rev. 2.0	Turbidity	2.7			NTU	E31780
	SM 2120 B-01	Color (apparent)	15			PCU	
	SM 2540 D-97	TSS	29			mg/L	
1295588	EPA 350.1 Rev. 2.0	Ammonia-N	0.015	IY		mg N/L	
	EPA 351.2 Rev. 2.0	Kjeldahl Nitrogen	0.35	IY		mg N/L	
	EPA 353.2 Rev. 2.0	NO2NO3-N	0.018	Y		mg N/L	
	EPA 365.1 Rev. 2.0	Total-P	0.019	IY	MS	mg P/L	

Ref. Method and Comment:

SM 2120 B-01: The pH of the aliquot used to measure the color is 8 units. This value does not represent the field pH.

EPA 350.1 Rev. 2.0: The sample was received unpreserved: pH > 2. Sample preserved in laboratory.

EPA 351.2 Rev. 2.0: The sample was received unpreserved: pH > 2. Sample preserved in laboratory.

EPA 353.2 Rev. 2.0: The sample was received unpreserved: pH > 2. Sample preserved in laboratory.

EPA 365.1 Rev. 2.0: Total-P: The sample was received unpreserved: pH > 2. Sample preserved in laboratory.

Sample Location: 100FT SOUTH OF STORMDRAIN

Collection Date/Time: 08/30/2010 10:15 AM

Field ID: 4

Matrix: W-OTHER

Sample ID	Ref. Method	Component	Result	Code	QC Failures	Units	Cert #
1295566	EPA 180.1 Rev. 2.0	Turbidity	2.2			NTU	E31780
	SM 2120 B-01	Color (apparent)	15			PCU	
	SM 2540 D-97	TSS	24			mg/L	
1295580	EPA 350.1 Rev. 2.0	Ammonia-N	0.049	Y		mg N/L	
	EPA 351.2 Rev. 2.0	Kjeldahl Nitrogen	0.45	Y	MS	mg N/L	
	EPA 353.2 Rev. 2.0	NO2NO3-N	0.043	Y		mg N/L	
	EPA 365.1 Rev. 2.0	Total-P	0.023	Y		mg P/L	

Ref. Method and Comment:

SM 2120 B-01: The pH of the aliquot used to measure the color is 8 units. This value does not represent the field pH.

EPA 350.1 Rev. 2.0: The sample was received unpreserved: pH > 2. Sample preserved in laboratory.

EPA 351.2 Rev. 2.0: The sample was received unpreserved: pH > 2. Sample preserved in laboratory.

EPA 353.2 Rev. 2.0: The sample was received unpreserved: pH > 2. Sample preserved in laboratory.

EPA 365.1 Rev. 2.0: Total-P: The sample was received unpreserved: pH > 2. Sample preserved in laboratory.

Sample Location: BETWEEN MARINA AND OUTFALL

Collection Date/Time: 08/30/2010 11:00 AM

Field ID: 10

Matrix: W-OTHER

Sample ID	Ref. Method	Component	Result	Code	QC Failures	Units	Cert #
1295572	EPA 180.1 Rev. 2.0	Turbidity	2.8			NTU	E31780
	SM 2120 B-01	Color (apparent)	15			PCU	
	SM 2540 D-97	TSS	27			mg/L	
1295586	EPA 350.1 Rev. 2.0	Ammonia-N	0.037	Y		mg N/L	
	EPA 351.2 Rev. 2.0	Kjeldahl Nitrogen	0.39	IY		mg N/L	
	EPA 353.2 Rev. 2.0	NO2NO3-N	0.029	Y		mg N/L	
	EPA 365.1 Rev. 2.0	Total-P	0.021	Y	MS	mg P/L	

Ref. Method and Comment:

SM 2120 B-01: The pH of the aliquot used to measure the color is 8 units. This value does not represent the field pH.

EPA 350.1 Rev. 2.0: The sample was received unpreserved: pH > 2. Sample preserved in laboratory.

EPA 351.2 Rev. 2.0: The sample was received unpreserved: pH > 2. Sample preserved in laboratory.

EPA 353.2 Rev. 2.0: The sample was received unpreserved: pH > 2. Sample preserved in laboratory.

EPA 365.1 Rev. 2.0: Total-P: The sample was received unpreserved: pH > 2. Sample preserved in laboratory.

Sample Location: EAST OF PRIMARY STORM DRAIN

Collection Date/Time: 08/30/2010 10:05 AM

Field ID: 3

Matrix: W-OTHER

Sample ID	Ref. Method	Component	Result	Code	QC Failures	Units	Cert #
1295565	EPA 180.1 Rev. 2.0	Turbidity	1.8			NTU	E31780
	SM 2120 B-01	Color (apparent)	15			PCU	
	SM 2540 D-97	TSS	28			mg/L	
1295579	EPA 350.1 Rev. 2.0	Ammonia-N	0.052	Y		mg N/L	
	EPA 351.2 Rev. 2.0	Kjeldahl Nitrogen	0.38	IYJ	MS	mg N/L	
	EPA 353.2 Rev. 2.0	NO2NO3-N	0.021	Y		mg N/L	
	EPA 365.1 Rev. 2.0	Total-P	0.021	Y		mg P/L	

Ref. Method and Comment:

SM 2120 B-01: The pH of the aliquot used to measure the color is 8 units. This value does not represent the field pH.

SM 2540 D-97: The precision data is unavailable due to the small amount of analyte in the QC sample.

EPA 350.1 Rev. 2.0: The sample was received unpreserved: pH > 2. Sample preserved in laboratory.

EPA 351.2 Rev. 2.0: The sample was received unpreserved: pH > 2. Sample preserved in laboratory. QC failure(s) observed.

EPA 353.2 Rev. 2.0: The sample was received unpreserved: pH > 2. Sample preserved in laboratory.

EPA 365.1 Rev. 2.0: Total-P: The sample was received unpreserved: pH > 2. Sample preserved in laboratory.

Sample Location: EAST OR STORMDRAIN INSIDE

Collection Date/Time: 08/30/2010 11:30 AM

Field ID: 14

Matrix: W-OTHER

Sample ID	Ref. Method	Component	Result	Code	QC Failures	Units	Cert #
1295576	EPA 180.1 Rev. 2.0	Turbidity	6.0			NTU	E31780
	SM 2120 B-01	Color (apparent)	15			PCU	
	SM 2540 D-97	TSS	19	A		mg/L	
1295590	EPA 350.1 Rev. 2.0	Ammonia-N	0.050	Y		mg N/L	
	EPA 351.2 Rev. 2.0	Kjeldahl Nitrogen	0.29	IY		mg N/L	
	EPA 353.2 Rev. 2.0	NO2NO3-N	0.064	Y		mg N/L	
	EPA 365.1 Rev. 2.0	Total-P	0.033	Y	MS	mg P/L	

Ref. Method and Comment:

SM 2120 B-01: The pH of the aliquot used to measure the color is 8 units. This value does not represent the field pH.

EPA 350.1 Rev. 2.0: The sample was received unpreserved: pH > 2. Sample preserved in laboratory.

EPA 351.2 Rev. 2.0: The sample was received unpreserved: pH > 2. Sample preserved in laboratory.

EPA 353.2 Rev. 2.0: The sample was received unpreserved: pH > 2. Sample preserved in laboratory.

EPA 365.1 Rev. 2.0: Total-P: The sample was received unpreserved: pH > 2. Sample preserved in laboratory.

Sample Location: END OF CHASE STREET

Collection Date/Time: 08/30/2010 10:25 AM

Field ID: 8

Matrix: W-OTHER

Sample ID	Ref. Method	Component	Result	Code	QC Failures	Units	Cert #
1295570	EPA 180.1 Rev. 2.0	Turbidity	2.0			NTU	E31780
	SM 2120 B-01	Color (apparent)	15			PCU	
	SM 2540 D-97	TSS	25			mg/L	
1295584	EPA 350.1 Rev. 2.0	Ammonia-N	0.072	Y		mg N/L	
	EPA 351.2 Rev. 2.0	Kjeldahl Nitrogen	0.52	Y	MS	mg N/L	
	EPA 353.2 Rev. 2.0	NO2NO3-N	0.072	Y		mg N/L	
	EPA 365.1 Rev. 2.0	Total-P	0.024	Y		mg P/L	

Ref. Method and Comment:

SM 2120 B-01: The pH of the aliquot used to measure the color is 8 units. This value does not represent the field pH.

EPA 350.1 Rev. 2.0: The sample was received unpreserved: pH > 2. Sample preserved in laboratory.

EPA 351.2 Rev. 2.0: The sample was received unpreserved: pH > 2. Sample preserved in laboratory.

EPA 353.2 Rev. 2.0: The sample was received unpreserved: pH > 2. Sample preserved in laboratory.

EPA 365.1 Rev. 2.0: Total-P: The sample was received unpreserved: pH > 2. Sample preserved in laboratory.

Sample Location: ENTRANCE OF MARINA

Collection Date/Time: 08/30/2010 10:55 AM

Field ID: 11

Matrix: W-OTHER

Sample ID	Ref. Method	Component	Result	Code	QC Failures	Units	Cert #
1295573	EPA 180.1 Rev. 2.0	Turbidity	4.9			NTU	E31780
	SM 2120 B-01	Color (apparent)	15			PCU	
	SM 2540 D-97	TSS	16			mg/L	
1295587	EPA 350.1 Rev. 2.0	Ammonia-N	0.064	Y		mg N/L	
	EPA 351.2 Rev. 2.0	Kjeldahl Nitrogen	0.34	IY		mg N/L	
	EPA 353.2 Rev. 2.0	NO2NO3-N	0.23	Y		mg N/L	
	EPA 365.1 Rev. 2.0	Total-P	0.047	Y	MS	mg P/L	

Ref. Method and Comment:

SM 2120 B-01: The pH of the aliquot used to measure the color is 8 units. This value does not represent the field pH.

EPA 350.1 Rev. 2.0: The sample was received unpreserved: pH > 2. Sample preserved in laboratory.

EPA 351.2 Rev. 2.0: The sample was received unpreserved: pH > 2. Sample preserved in laboratory.

EPA 353.2 Rev. 2.0: The sample was received unpreserved: pH > 2. Sample preserved in laboratory.

EPA 365.1 Rev. 2.0: Total-P: The sample was received unpreserved: pH > 2. Sample preserved in laboratory.

Sample Location: INSIDE HAWKSHAW LAGOON

Collection Date/Time: 08/30/2010 11:20 AM

Field ID: 13

Matrix: W-OTHER

Sample ID	Ref. Method	Component	Result	Code	QC Failures	Units	Cert #
1295575	EPA 180.1 Rev. 2.0	Turbidity	4.0			NTU	E31780
	SM 2120 B-01	Color (apparent)	40	A		PCU	
	SM 2540 D-97	TSS	24			mg/L	
1295589	EPA 350.1 Rev. 2.0	Ammonia-N	0.014	IY		mg N/L	
	EPA 351.2 Rev. 2.0	Kjeldahl Nitrogen	0.98	Y		mg N/L	
	EPA 353.2 Rev. 2.0	NO2NO3-N	0.004	UY		mg N/L	
	EPA 365.1 Rev. 2.0	Total-P	0.077	Y	MS	mg P/L	

Ref. Method and Comment:

SM 2120 B-01: The pH of the aliquot used to measure the color is 8 A units. This value does not represent the field pH.

EPA 350.1 Rev. 2.0: The sample was received unpreserved: pH > 2. Sample preserved in laboratory.

EPA 351.2 Rev. 2.0: The sample was received unpreserved: pH > 2. Sample preserved in laboratory.

EPA 353.2 Rev. 2.0: The sample was received unpreserved: pH > 2. Sample preserved in laboratory.

EPA 365.1 Rev. 2.0: Total-P: The sample was received unpreserved: pH > 2. Sample preserved in laboratory.

Sample Location: MIDPOINT BETWEEN BAY BRIDGE AND MUSCOGEE

Collection Date/Time: 08/30/2010 09:57 AM

Field ID: 2

Matrix: W-OTHER

Sample ID	Ref. Method	Component	Result	Code	QC Failures	Units	Cert #
1295564	EPA 180.1 Rev. 2.0	Turbidity	2.6			NTU	E31780
	SM 2120 B-01	Color (apparent)	15			PCU	
	SM 2540 D-97	TSS	27			mg/L	
1295578	EPA 350.1 Rev. 2.0	Ammonia-N	0.014	IY		mg N/L	
	EPA 351.2 Rev. 2.0	Kjeldahl Nitrogen	0.36	IY	MS	mg N/L	
	EPA 353.2 Rev. 2.0	NO2NO3-N	0.007	IY		mg N/L	
	EPA 365.1 Rev. 2.0	Total-P	0.021	Y		mg P/L	

Ref. Method and Comment:

SM 2120 B-01: The pH of the aliquot used to measure the color is 8 units. This value does not represent the field pH.

SM 2540 D-97: The precision data is unavailable due to the small amount of analyte in the QC sample.

EPA 350.1 Rev. 2.0: The sample was received unpreserved: pH > 2. Sample preserved in laboratory.

EPA 351.2 Rev. 2.0: The sample was received unpreserved: pH > 2. Sample preserved in laboratory.

EPA 353.2 Rev. 2.0: The sample was received unpreserved: pH > 2. Sample preserved in laboratory.

EPA 365.1 Rev. 2.0: Total-P: The sample was received unpreserved: pH > 2. Sample preserved in laboratory.

Sample Location: RANGE MARKER EAST OF TEXAR

Collection Date/Time: 08/30/2010 09:45 AM

Field ID: 1

Matrix: W-OTHER

Sample ID	Ref. Method	Component	Result	Code	QC Failures	Units	Cert #
1295563	EPA 180.1 Rev. 2.0	Turbidity	8.3			NTU	E31780
	SM 2120 B-01	Color (apparent)	30			PCU	
	SM 2540 D-97	TSS	29			mg/L	
1295577	EPA 350.1 Rev. 2.0	Ammonia-N	0.010	UY		mg N/L	
	EPA 351.2 Rev. 2.0	Kjeldahl Nitrogen	0.51	Y	MS	mg N/L	
	EPA 353.2 Rev. 2.0	NO2NO3-N	0.021	Y		mg N/L	
	EPA 365.1 Rev. 2.0	Total-P	0.030	Y		mg P/L	

Ref. Method and Comment:

SM 2120 B-01: The pH of the aliquot used to measure the color is 8 units. This value does not represent the field pH.

SM 2540 D-97: The precision data is unavailable due to the small amount of analyte in the QC sample.

EPA 350.1 Rev. 2.0: The sample was received unpreserved: pH > 2. Sample preserved in laboratory.

EPA 351.2 Rev. 2.0: The sample was received unpreserved: pH > 2. Sample preserved in laboratory.

EPA 353.2 Rev. 2.0: The sample was received unpreserved: pH > 2. Sample preserved in laboratory.

EPA 365.1 Rev. 2.0: Total-P: The sample was received unpreserved: pH > 2. Sample preserved in laboratory.

**Sample Location: WEST END OF HAWKSHAW 100 FT S OF
 OUTFALL**

Collection Date/Time: 08/30/2010 11:10 AM

Field ID: 9

Matrix: W-OTHER

Sample ID	Ref. Method	Component	Result	Code	QC Failures	Units	Cert #
1295571	EPA 180.1 Rev. 2.0	Turbidity	2.8	A		NTU	E31780
	SM 2120 B-01	Color (apparent)	15			PCU	
	SM 2540 D-97	TSS	25			mg/L	
1295585	EPA 350.1 Rev. 2.0	Ammonia-N	0.043	Y		mg N/L	
	EPA 351.2 Rev. 2.0	Kjeldahl Nitrogen	0.45	Y	MS	mg N/L	
	EPA 353.2 Rev. 2.0	NO2NO3-N	0.028	Y		mg N/L	
	EPA 365.1 Rev. 2.0	Total-P	0.021	Y	MS	mg P/L	

Ref. Method and Comment:

SM 2120 B-01: The pH of the aliquot used to measure the color is 8 units. This value does not represent the field pH.

EPA 350.1 Rev. 2.0: The sample was received unpreserved: pH > 2. Sample preserved in laboratory.

EPA 351.2 Rev. 2.0: The sample was received unpreserved: pH > 2. Sample preserved in laboratory.

EPA 353.2 Rev. 2.0: The sample was received unpreserved: pH > 2. Sample preserved in laboratory.

EPA 365.1 Rev. 2.0: Total-P: The sample was received unpreserved: pH > 2. Sample preserved in laboratory.

Sample Location: WEST OF STORMDRAIN INSIDE ROCKS

Collection Date/Time: 08/30/2010 10:30 AM

Field ID: 5

Matrix: W-OTHER

Sample ID	Ref. Method	Component	Result	Code	QC Failures	Units	Cert #
1295567	EPA 180.1 Rev. 2.0	Turbidity	2.8			NTU	E31780
	SM 2120 B-01	Color (apparent)	15			PCU	
	SM 2540 D-97	TSS	26			mg/L	
1295581	EPA 350.1 Rev. 2.0	Ammonia-N	0.036	Y		mg N/L	
	EPA 351.2 Rev. 2.0	Kjeldahl Nitrogen	0.54	Y	MS	mg N/L	
	EPA 353.2 Rev. 2.0	NO2NO3-N	0.031	Y		mg N/L	
	EPA 365.1 Rev. 2.0	Total-P	0.021	Y		mg P/L	

Ref. Method and Comment:

SM 2120 B-01: The pH of the aliquot used to measure the color is 8 units. This value does not represent the field pH.

EPA 350.1 Rev. 2.0: The sample was received unpreserved: pH > 2. Sample preserved in laboratory.

EPA 351.2 Rev. 2.0: The sample was received unpreserved: pH > 2. Sample preserved in laboratory.

EPA 353.2 Rev. 2.0: The sample was received unpreserved: pH > 2. Sample preserved in laboratory.

EPA 365.1 Rev. 2.0: Total-P: The sample was received unpreserved: pH > 2. Sample preserved in laboratory.

Non-Conformance Report

NCR ID: 3505

Event(s)

NW-DIST-2010-08-31-07

Job(s)

TLH-2010-08-31-49

Sample(s)

Test(s)

NCR Type: SHIPPING/RECEIVING

NCR Category: Preservation Not Intact

Observation: Samples not preserved to pH<2.
 None of the samples received for W-NH3, W-NO2NO3, W-S-A-TP, W-TKN analysis were preserved. All sites affected.

Resolution: Sample preserved in lab on 8/31/10 at 2:30.
 Customer called (Cheryl Bunch) by receiving staff (R. White). A detailed voicemail message was left.

Authorised by/Date: Kathryn Brackett 9/2/2010

The Non-Conformance Report details exceptions or problems encountered with the events/jobs/samples/test.
Please address questions to:

Chemistry Tim Fitzpatrick (850) 245-8085
Biology David D. Whiting (850) 245-8177

Quality Control Report

Ref. Method	Analyte	LCS % Recovery	MS % Recovery		LCS	Precision	MS
						SMP	
EPA 180.1 Rev. 2.0	Turbidity					4.83	
	Turbidity					4.72	
EPA 350.1 Rev. 2.0	Ammonia-N	101	109	102			4.86
	Ammonia-N	101	107	107			0.175
EPA 351.2 Rev. 2.0	Kjeldahl Nitrogen	101	88.2*	93.6			5.07
	Kjeldahl Nitrogen	99.5	104	101			2.46
EPA 353.2 Rev. 2.0	NO2NO3-N	97.5	94.0	96.4			2.36
	NO2NO3-N	97.5	94.5				2.12
EPA 365.1 Rev. 2.0	Total-P	98.7	92.8	93.8		6.65	
	Total-P	97.0	86.7*	88.1*		0.0	
SM 2120 B-01	Color (apparent)					0.0	
	Color (apparent)					0.0	
SM 2540 D-97	TSS					4.38	
	TSS					2.11	

Reference Method Descriptions

Method:	Description
EPA 180.1 Rev. 2.0	Turbidity in aqueous matrices
EPA 350.1 Rev. 2.0	Ammonia in aqueous matrices as mg N/L
EPA 351.2 Rev. 2.0	Total Kjeldahl Nitrogen in aqueous matrices
EPA 353.2 Rev. 2.0	Nitrite/Nitrate in aqueous matrices as mg N/L
EPA 365.1 Rev. 2.0	Low Level Total Phosphorus in fresh water matrices
SM 2120 B-01	Apparent color in water samples
SM 2540 D-97	Total Suspended Solids in aqueous matrices

Preparation and Analysis Log

Ref. Method	Received Date	Prep Date/Time	Prepared By	Analysis Date/Time	Analyzed By	Associated Samples
EPA 180.1 Rev. 2.0	08/31/2010			08/31/2010 16:47	Blanca Fach	1295563, 1295564, 1295565, 1295566, 1295567, 1295568, 1295569, 1295570, 1295571, 1295572, 1295573, 1295574, 1295575, 1295576
EPA 350.1 Rev. 2.0	08/31/2010			09/01/2010	Diana M. Dunbar	1295577, 1295578, 1295579, 1295580, 1295581, 1295582, 1295583, 1295584, 1295585, 1295586, 1295587, 1295588, 1295589, 1295590
EPA 351.2 Rev. 2.0	08/31/2010	09/02/2010	Bryan A. Werth	09/07/2010	Christopher Armour	1295577, 1295578, 1295579, 1295580, 1295581, 1295582, 1295583, 1295584, 1295585
	08/31/2010	09/03/2010	Bryan A. Werth	09/07/2010	Bryan A. Werth	1295586, 1295587, 1295588, 1295589, 1295590
EPA 353.2 Rev. 2.0	08/31/2010			09/08/2010	Sima Feizi	1295577, 1295578, 1295579, 1295580, 1295581, 1295582, 1295583, 1295584, 1295585, 1295586, 1295587, 1295588, 1295589, 1295590
EPA 365.1 Rev. 2.0	08/31/2010	09/01/2010	Megan E. Faircloth	09/02/2010	Megan E. Faircloth	1295577, 1295578, 1295579, 1295580, 1295581, 1295582, 1295583, 1295584
	08/31/2010	09/02/2010	Megan E. Faircloth	09/03/2010	Megan E. Faircloth	1295585, 1295586, 1295587, 1295588, 1295589, 1295590
SM 2120 B-01	08/31/2010			08/31/2010 18:04	Rochelle Y Jackson	1295563, 1295564, 1295565, 1295566, 1295567, 1295568, 1295569, 1295570, 1295571, 1295572, 1295573, 1295574, 1295575, 1295576
SM 2540 D-97	08/31/2010			09/02/2010	Yijie Li	1295563, 1295564, 1295565, 1295566, 1295567, 1295568, 1295569, 1295570, 1295571, 1295572, 1295573, 1295574, 1295575, 1295576