

ANALYTICAL REPORT

Job Number: 660-35894-1

SDG Number: 35894

Job Description: FPL Turkey Point Analytical Services

For:

Florida Power & Light Company
Technical Services - PGD Environmental
Water Compliance/Permitting
700 Universe Blvd (JES/JB)
Juno Beach, FL 33408
Attention: Ms. Stacy Foster



Approved for release.
Amy Atkins
Project Manager I
8/30/2010 1:47 PM

Amy Atkins
Project Manager I
amy.atkins@testamericainc.com
08/30/2010

cc: Ms. Sharon Ewe

Methods: FDEP, DOH Certification #: TestAmerica Tampa E84282; TestAmerica Tallahassee E81005; TestAmerica Savannah E87052. These test results meet all the requirements of NELAC unless specified in the case narrative. All questions regarding this test report should be directed to the TestAmerica Project Manager who signed this test report. The estimated uncertainty associated with these reported results is available upon request. The results contained in this test report relate only to these samples included herein.

TestAmerica Laboratories, Inc.

TestAmerica Tampa 6712 Benjamin Road, Suite 100, Tampa, FL 33634

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Job Narrative
660-35894-1

Receipt

All samples were received in good condition within temperature requirements.

Metals

Method 6010B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for Calcium, Potassium, Magnesium, Sodium, Boron, and Strontium in batch 96364 were outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria.

Method 200.7 Rev 4.4: The matrix duplicate % RPD is outside control limits for Barium.

General Chemistry

DOC samples received with insufficient preservative. They were properly preserved in the lab.

Method 365.1: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 70307 were outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria.

Method 351.2: The matrix spike (MS) recovery for batch 96337 was outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria.

Method SM 4500 S2 F: Insufficient sample volume was provided to perform matrix spike/matrix spike duplicate (MS/MSD) for batch 96344.

Method SM 4500 NH3 G: The matrix spike duplicate (MSD) recovery for batch 172931 was outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria.

EXECUTIVE SUMMARY - Detections

Client: Florida Power & Light Company

Job Number: 660-35894-1

Sdg Number: 35894

Lab Sample ID Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
660-35894-1	062210-BBSW-1S				
Field pH		8.45		SU	Field Sampling
Field Temperature		31.36		Degrees C	Field Sampling
Oxygen, Dissolved		6.45		mg/L	Field Sampling
Specific Conductance		45270		umhos/cm	Field Sampling
Turbidity		0.94		NTU	Field Sampling
Bromide		66	5.0	mg/L	300.0
Chloride		19000	500	mg/L	300.0
Fluoride		0.33	0.25	mg/L	300.0
Sulfate		2700	50	mg/L	300.0
Nitrogen, Kjeldahl		0.25	0.20	mg/L	351.2
Phosphorus		0.013	0.010	mg/L	365.1
Alkalinity		110	1.0	mg/L	SM 2320B
Carbonate Alkalinity as CaCO3		9.5	1.0	mg/L	SM 2320B
Ammonia		0.085	0.050	mg/L	SM 4500 NH3 G
Nitrogen, Total		0.25	0.21	mg/L	Total Nitrogen
Unionized Ammonia		0.021	0.000017	mg/L	UnionizedNH3
<i>Dissolved</i>					
SiO2, Silica		640	500	ug/L	200.7 Rev 4.4
Dissolved Inorganic Carbon-Dissolved		22	1.0	mg/L	9060
ortho-Phosphate-Dissolved		0.042 I	1.0	mg/L	SM 4500 P E
<i>Total Recoverable</i>					
Iron		120 I	500	ug/L	200.7 Rev 4.4
Boron		4800	500	ug/L	6010B
Calcium		430	5.0	mg/L	6010B
Potassium		360	200	mg/L	6010B
Strontium		7900	50	ug/L	6010B
Magnesium		1300	0.80	mg/L	6010B
Sodium		10000	100	mg/L	6010B

EXECUTIVE SUMMARY - Detections

Client: Florida Power & Light Company

Job Number: 660-35894-1

Sdg Number: 35894

Lab Sample ID	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
Analyte						
660-35894-2	062210-BBSW-1D					
Field pH		8.51			SU	Field Sampling
Field Temperature		31.91			Degrees C	Field Sampling
Oxygen, Dissolved		7.65			mg/L	Field Sampling
Specific Conductance		45670			umhos/cm	Field Sampling
Turbidity		0.90			NTU	Field Sampling
Bromide		67		5.0	mg/L	300.0
Chloride		19000		500	mg/L	300.0
Fluoride		0.39		0.25	mg/L	300.0
Sulfate		2700		50	mg/L	300.0
Nitrogen, Kjeldahl		0.36		0.20	mg/L	351.2
Nitrate Nitrite as N		0.0062	I	0.010	mg/L	353.2
Phosphorus		0.018		0.010	mg/L	365.1
Alkalinity		110		1.0	mg/L	SM 2320B
Carbonate Alkalinity as CaCO3		17		1.0	mg/L	SM 2320B
Ammonia		0.082		0.050	mg/L	SM 4500 NH3 G
Nitrogen, Total		0.37		0.21	mg/L	Total Nitrogen
Unionized Ammonia		0.023		0.000017	mg/L	UnionizedNH3
<i>Dissolved</i>						
SiO2, Silica		810		500	ug/L	200.7 Rev 4.4
Dissolved Inorganic Carbon-Dissolved		20		1.0	mg/L	9060
ortho-Phosphate-Dissolved		0.044	I	1.0	mg/L	SM 4500 P E
<i>Total Recoverable</i>						
Barium		9.0	I	100	ug/L	200.7 Rev 4.4
Iron		130	I	500	ug/L	200.7 Rev 4.4
Boron		4900		500	ug/L	6010B
Calcium		420		5.0	mg/L	6010B
Potassium		370		200	mg/L	6010B
Strontium		8000		50	ug/L	6010B
Magnesium		1400		0.80	mg/L	6010B
Sodium		10000		100	mg/L	6010B

EXECUTIVE SUMMARY - Detections

Client: Florida Power & Light Company

Job Number: 660-35894-1

Sdg Number: 35894

Lab Sample ID Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
660-35894-3	062210-BBSW-2D				
Field pH		8.65		SU	Field Sampling
Field Temperature		31.91		Degrees C	Field Sampling
Oxygen, Dissolved		7.80		mg/L	Field Sampling
Specific Conductance		48640		umhos/cm	Field Sampling
Turbidity		0.91		NTU	Field Sampling
Bromide		72	5.0	mg/L	300.0
Chloride		21000	500	mg/L	300.0
Sulfate		2900	50	mg/L	300.0
Nitrogen, Kjeldahl		0.26	0.20	mg/L	351.2
Phosphorus		0.018	0.010	mg/L	365.1
Alkalinity		110	1.0	mg/L	SM 2320B
Carbonate Alkalinity as CaCO3		34	1.0	mg/L	SM 2320B
Ammonia		0.080	0.050	mg/L	SM 4500 NH3 G
Nitrogen, Total		0.26	0.21	mg/L	Total Nitrogen
Unionized Ammonia		0.028	0.000017	mg/L	UnionizedNH3
<i>Dissolved</i>					
SiO2, Silica		1400	500	ug/L	200.7 Rev 4.4
Dissolved Inorganic Carbon-Dissolved		20	1.0	mg/L	9060
ortho-Phosphate-Dissolved		0.045 I	1.0	mg/L	SM 4500 P E
<i>Total Recoverable</i>					
Barium		8.5 I	100	ug/L	200.7 Rev 4.4
Iron		98 I	500	ug/L	200.7 Rev 4.4
Boron		5100	500	ug/L	6010B
Calcium		450	5.0	mg/L	6010B
Potassium		390	200	mg/L	6010B
Strontium		8300	50	ug/L	6010B
Magnesium		1400	0.80	mg/L	6010B
Sodium		11000	100	mg/L	6010B

METHOD SUMMARY

Client: Florida Power & Light Company

Job Number: 660-35894-1

Sdg Number: 35894

Description	Lab Location	Method	Preparation Method
Matrix: Water			
Metals (ICP)	TAL SAV	40CFR136A 200.7 Rev 4.4	
Sample Filtration	TAL SAV		FILTRATION
Metals (ICP)	TAL TAL	EPA 200.7 Rev 4.4	
Preparation, Total Recoverable Metals	TAL TAL		EPA 200.7
Metals (ICP)	TAL TAM	SW846 6010B	
Preparation, Total Recoverable or Dissolved Metals	TAL TAM		SW846 3005A
Anions, Ion Chromatography	TAL TAM	MCAWW 300.0	
Nitrogen, Total Kjeldahl	TAL TAM	MCAWW 351.2	
Nitrogen, Total Kjeldahl	TAL TAM		MCAWW 351.2
Nitrogen, Nitrate-Nitrite	TAL TAL	MCAWW 353.2	
Phosphorus, Total	TAL TAL	EPA 365.1	
Phosphorus, Total	TAL TAL		MCAWW 365.2/365.3/365
Carbon, Dissolved and Dissolved Inorganic	TAL SAV	SW846 9060	
Sample Filtration, Field	TAL SAV		FIELD_FLTRD
Alkalinity	TAL TAM	SM SM 2320B	
Ammonia	TAL SAV	SM SM 4500 NH3 G	
Ammonia, Distillation	TAL SAV		SM SM 4500 NH3 B
Orthophosphate	TAL TAL	SM SM 4500 P E	
Sample Filtration, Field	TAL TAL		FIELD_FLTRD
Sulfide, Total	TAL TAM	SM SM 4500 S2 F	
Nitrogen, Total	TAL TAL	EPA Total Nitrogen	
Ammonia, Unionized	TAL SAV	FL-DEP UnionizedNH3	
Field Sampling	TAL TAM	EPA Field Sampling	

Lab References:

TAL SAV = TestAmerica Savannah

TAL TAL = TestAmerica Tallahassee

TAL TAM = TestAmerica Tampa

Method References:

40CFR136A = "Methods for Organic Chemical Analysis of Municipal Industrial Wastewater", 40CFR, Part 136, Appendix A, October 26, 1984 and subsequent revisions.

EPA = US Environmental Protection Agency

FL-DEP = State Of Florida Department Of Environmental Protection, Florida Administrative Code.

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

SM = "Standard Methods For The Examination Of Water And Wastewater",

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

TestAmerica Tampa

METHOD / ANALYST SUMMARY

Client: Florida Power & Light Company

Job Number: 660-35894-1

Sdg Number: 35894

Method	Analyst	Analyst ID
40CFR136A 200.7 Rev 4.4	Bland, Brian	BCB
EPA 200.7 Rev 4.4	Wallace, Tiffany B	TBW
SW846 6010B	Fox, Greg	GF
EPA Field Sampling	Sampler, Field	FS
MCAWW 300.0	Sengsouvana, Dom	DS
MCAWW 351.2	Office, Trey	TO
MCAWW 353.2	Williams, Tabatha D	TDW
EPA 365.1	Carlisle, Felicia F	FFC
SW846 9060	Blackshear, Kim	KB
SM SM 2320B	Steward, Tiffany	TS
SM SM 4500 NH3 G	Ross, Jon	JR
SM SM 4500 P E	Carlisle, Felicia F	FFC
SM SM 4500 S2 F	Mostafavifar, Efe	EM
EPA Total Nitrogen	Wallace, Tiffany B	TBW
FL-DEP UnionizedNH3	Ross, Jon	JR

SAMPLE SUMMARY

Client: Florida Power & Light Company

Job Number: 660-35894-1

Sdg Number: 35894

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
660-35894-1	062210-BBSW-1S	Water	06/22/2010 1330	06/23/2010 0815
660-35894-2	062210-BBSW-1D	Water	06/22/2010 1414	06/23/2010 0815
660-35894-3	062210-BBSW-2D	Water	06/22/2010 1534	06/23/2010 0815

Analytical Data

Client: Florida Power & Light Company

Job Number: 660-35894-1

Sdg Number: 35894

Client Sample ID: 062210-BBSW-1S

Lab Sample ID: 660-35894-1

Date Sampled: 06/22/2010 1330

Client Matrix: Water

Date Received: 06/23/2010 0815

200.7 Rev 4.4 Metals (ICP)-Total Recoverable

Method:	200.7 Rev 4.4	Analysis Batch: 640-70408	Instrument ID:	ICP2
Preparation:	200.7	Prep Batch: 640-70252	Lab File ID:	062910.csv
Dilution:	10		Initial Weight/Volume:	50 mL
Date Analyzed:	06/29/2010 1024		Final Weight/Volume:	50 mL
Date Prepared:	06/24/2010 1130			

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Barium	8.1	U	8.1	100
Iron	120	I	27	500

200.7 Rev 4.4 Metals (ICP)-Dissolved

Method:	200.7 Rev 4.4	Analysis Batch: 680-172919	Instrument ID:	Varian ICP
Preparation:	N/A		Lab File ID:	E06292010_SI.csv
Dilution:	1.0		Initial Weight/Volume:	
Date Analyzed:	06/29/2010 1423		Final Weight/Volume:	1.0 mL
Date Prepared:				

Analyte	Result (ug/L)	Qualifier	MDL	PQL
SiO2, Silica	640		50	500

6010B Metals (ICP)-Total Recoverable

Method:	6010B	Analysis Batch: 660-96549	Instrument ID:	ICPA
Preparation:	3005A	Prep Batch: 660-96364	Lab File ID:	10F29A
Dilution:	10		Initial Weight/Volume:	50 mL
Date Analyzed:	06/29/2010 1410		Final Weight/Volume:	50 mL
Date Prepared:	06/24/2010 1034			

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Calcium	430		1.0	5.0
Magnesium	1300		0.20	0.80

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Boron	4800		100	500
Strontium	7900		10	50

Method:	6010B	Analysis Batch: 660-96549	Instrument ID:	ICPA
Preparation:	3005A	Prep Batch: 660-96364	Lab File ID:	10F29A
Dilution:	200		Initial Weight/Volume:	50 mL
Date Analyzed:	06/29/2010 1416	Run Type: DL	Final Weight/Volume:	50 mL
Date Prepared:	06/24/2010 1034			

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Potassium	360		38	200
Sodium	10000		62	100

Analytical Data

Client: Florida Power & Light Company

Job Number: 660-35894-1

Sdg Number: 35894

Client Sample ID: 062210-BBSW-1D

Lab Sample ID: 660-35894-2

Date Sampled: 06/22/2010 1414

Client Matrix: Water

Date Received: 06/23/2010 0815

200.7 Rev 4.4 Metals (ICP)-Total Recoverable

Method:	200.7 Rev 4.4	Analysis Batch: 640-70408	Instrument ID:	ICP2
Preparation:	200.7	Prep Batch: 640-70252	Lab File ID:	062910.csv
Dilution:	10		Initial Weight/Volume:	50 mL
Date Analyzed:	06/29/2010 1029		Final Weight/Volume:	50 mL
Date Prepared:	06/24/2010 1130			

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Barium	9.0	I	8.1	100
Iron	130	I	27	500

200.7 Rev 4.4 Metals (ICP)-Dissolved

Method:	200.7 Rev 4.4	Analysis Batch: 680-172919	Instrument ID:	Varian ICP
Preparation:	N/A		Lab File ID:	E06292010_SI.csv
Dilution:	1.0		Initial Weight/Volume:	
Date Analyzed:	06/29/2010 1444		Final Weight/Volume:	1.0 mL
Date Prepared:				

Analyte	Result (ug/L)	Qualifier	MDL	PQL
SiO ₂ , Silica	810		50	500

6010B Metals (ICP)-Total Recoverable

Method:	6010B	Analysis Batch: 660-96549	Instrument ID:	ICPA
Preparation:	3005A	Prep Batch: 660-96364	Lab File ID:	10F29A
Dilution:	10		Initial Weight/Volume:	50 mL
Date Analyzed:	06/29/2010 1422		Final Weight/Volume:	50 mL
Date Prepared:	06/24/2010 1034			

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Calcium	420		1.0	5.0
Magnesium	1400		0.20	0.80

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Boron	4900		100	500
Strontium	8000		10	50

Method:	6010B	Analysis Batch: 660-96549	Instrument ID:	ICPA
Preparation:	3005A	Prep Batch: 660-96364	Lab File ID:	10F29A
Dilution:	200		Initial Weight/Volume:	50 mL
Date Analyzed:	06/29/2010 1428	Run Type: DL	Final Weight/Volume:	50 mL
Date Prepared:	06/24/2010 1034			

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Potassium	370		38	200
Sodium	10000		62	100

Analytical Data

Client: Florida Power & Light Company

Job Number: 660-35894-1

Sdg Number: 35894

Client Sample ID: 062210-BBSW-2D

Lab Sample ID: 660-35894-3

Date Sampled: 06/22/2010 1534

Client Matrix: Water

Date Received: 06/23/2010 0815

200.7 Rev 4.4 Metals (ICP)-Total Recoverable

Method:	200.7 Rev 4.4	Analysis Batch: 640-70408	Instrument ID:	ICP2
Preparation:	200.7	Prep Batch: 640-70252	Lab File ID:	062910.csv
Dilution:	10		Initial Weight/Volume:	50 mL
Date Analyzed:	06/29/2010 1033		Final Weight/Volume:	50 mL
Date Prepared:	06/24/2010 1130			

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Barium	8.5	I	8.1	100
Iron	98	I	27	500

200.7 Rev 4.4 Metals (ICP)-Dissolved

Method:	200.7 Rev 4.4	Analysis Batch: 680-172919	Instrument ID:	Varian ICP
Preparation:	N/A		Lab File ID:	E06292010_SI.csv
Dilution:	1.0		Initial Weight/Volume:	
Date Analyzed:	06/29/2010 1447		Final Weight/Volume:	1.0 mL
Date Prepared:				

Analyte	Result (ug/L)	Qualifier	MDL	PQL
SiO2, Silica	1400		50	500

6010B Metals (ICP)-Total Recoverable

Method:	6010B	Analysis Batch: 660-96549	Instrument ID:	ICPA
Preparation:	3005A	Prep Batch: 660-96364	Lab File ID:	10F29A
Dilution:	10		Initial Weight/Volume:	50 mL
Date Analyzed:	06/29/2010 1435		Final Weight/Volume:	50 mL
Date Prepared:	06/24/2010 1034			

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Calcium	450		1.0	5.0
Magnesium	1400		0.20	0.80

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Boron	5100		100	500
Strontium	8300		10	50

Method:	6010B	Analysis Batch: 660-96549	Instrument ID:	ICPA
Preparation:	3005A	Prep Batch: 660-96364	Lab File ID:	10F29A
Dilution:	200		Initial Weight/Volume:	50 mL
Date Analyzed:	06/29/2010 1441	Run Type: DL	Final Weight/Volume:	50 mL
Date Prepared:	06/24/2010 1034			

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Potassium	390		38	200
Sodium	11000		62	100

Analytical Data

Client: Florida Power & Light Company

Job Number: 660-35894-1

Sdg Number: 35894

General Chemistry**Client Sample ID: 062210-BBSW-1S**

Lab Sample ID: 660-35894-1

Date Sampled: 06/22/2010 1330

Client Matrix: Water

Date Received: 06/23/2010 0815

Analyte	Result	Qual	Units	MDL	PQL	Dil	Method
Bromide	66		mg/L	2.7	5.0	100	300.0
Run Type: DL	Analysis Batch: 660-96603	Date Analyzed: 06/30/2010 0030					
Chloride	19000		mg/L	200	500	1000	300.0
Run Type: DL2	Analysis Batch: 660-96706	Date Analyzed: 06/30/2010 1910					
Fluoride	0.33		mg/L	0.10	0.25	5.0	300.0
	Analysis Batch: 660-96706	Date Analyzed: 06/30/2010 1343					
Sulfate	2700		mg/L	20	50	100	300.0
Run Type: DL	Analysis Batch: 660-96603	Date Analyzed: 06/30/2010 0030					
Nitrogen, Kjeldahl	0.25		mg/L	0.050	0.20	1.0	351.2
	Analysis Batch: 660-96389	Date Analyzed: 06/24/2010 1402					
	Prep Batch: 660-96337	Date Prepared: 06/23/2010 1600					
Nitrate Nitrite as N	0.0047	U	mg/L	0.0047	0.010	1.0	353.2
	Analysis Batch: 640-70364	Date Analyzed: 06/28/2010 1147					
Phosphorus	0.013		mg/L	0.0044	0.010	1.0	365.1
	Analysis Batch: 640-70307	Date Analyzed: 06/25/2010 1415					
	Prep Batch: 640-70272	Date Prepared: 06/24/2010 1448					
Ammonia	0.085		mg/L	0.026	0.050	1.0	SM 4500 NH3
	Analysis Batch: 680-172931	Date Analyzed: 06/29/2010 1700					
	Prep Batch: 680-172902	Date Prepared: 06/29/2010 1511					
ortho-Phosphate-Dissolved	0.042	I	mg/L	0.028	1.0	20	SM 4500 P E
	Analysis Batch: 640-70344	Date Analyzed: 06/24/2010 1235					
Analyte	Result	Qual	Units	PQL	PQL	Dil	Method
Dissolved Inorganic Carbon-Dissolved	22		mg/L	1.0	1.0	1.0	9060
	Analysis Batch: 680-172887	Date Analyzed: 06/28/2010 1127					
Alkalinity	110		mg/L	1.0	1.0	1.0	SM 2320B
	Analysis Batch: 660-96565	Date Analyzed: 06/29/2010 1220					
Carbonate Alkalinity as CaCO3	9.5		mg/L	1.0	1.0	1.0	SM 2320B
	Analysis Batch: 660-96565	Date Analyzed: 06/29/2010 1220					
Sulfide	1.0	U	mg/L	1.0	1.0	1.0	SM 4500 S2 F
	Analysis Batch: 660-96344	Date Analyzed: 06/23/2010 1700					
Nitrogen, Total	0.25		mg/L	0.21	0.21	1.0	Total Nitrogen
	Analysis Batch: 640-70382	Date Analyzed: 06/29/2010 0840					
Unionized Ammonia	0.021		mg/L	0.000017	0.000017	1.0	UnionizedNH3
	Analysis Batch: 680-172947	Date Analyzed: 06/30/2010 0801					

Analytical Data

Client: Florida Power & Light Company

Job Number: 660-35894-1

Sdg Number: 35894

General Chemistry**Client Sample ID: 062210-BBSW-1D**

Lab Sample ID: 660-35894-2

Date Sampled: 06/22/2010 1414

Client Matrix: Water

Date Received: 06/23/2010 0815

Analyte	Result	Qual	Units	MDL	PQL	Dil	Method
Bromide	67		mg/L	2.7	5.0	100	300.0
Run Type: DL	Analysis Batch: 660-96603	Date Analyzed: 06/30/2010 0051					
Chloride	19000		mg/L	200	500	1000	300.0
Run Type: DL2	Analysis Batch: 660-96706	Date Analyzed: 06/30/2010 2002					
Fluoride	0.39		mg/L	0.10	0.25	5.0	300.0
	Analysis Batch: 660-96706	Date Analyzed: 06/30/2010 1400					
Sulfate	2700		mg/L	20	50	100	300.0
Run Type: DL	Analysis Batch: 660-96603	Date Analyzed: 06/30/2010 0051					
Nitrogen, Kjeldahl	0.36		mg/L	0.050	0.20	1.0	351.2
	Analysis Batch: 660-96389	Date Analyzed: 06/24/2010 1402					
	Prep Batch: 660-96337	Date Prepared: 06/23/2010 1600					
Nitrate Nitrite as N	0.0062	I	mg/L	0.0047	0.010	1.0	353.2
	Analysis Batch: 640-70364	Date Analyzed: 06/28/2010 1148					
Phosphorus	0.018		mg/L	0.0044	0.010	1.0	365.1
	Analysis Batch: 640-70307	Date Analyzed: 06/25/2010 1416					
	Prep Batch: 640-70272	Date Prepared: 06/24/2010 1448					
Ammonia	0.082		mg/L	0.026	0.050	1.0	SM 4500 NH3
	Analysis Batch: 680-172931	Date Analyzed: 06/29/2010 1700					
	Prep Batch: 680-172902	Date Prepared: 06/29/2010 1511					
ortho-Phosphate-Dissolved	0.044	I	mg/L	0.028	1.0	20	SM 4500 P E
	Analysis Batch: 640-70344	Date Analyzed: 06/24/2010 1237					
Analyte	Result	Qual	Units	PQL	PQL	Dil	Method
Dissolved Inorganic Carbon-Dissolved	20		mg/L	1.0	1.0	1.0	9060
	Analysis Batch: 680-172887	Date Analyzed: 06/28/2010 1127					
Alkalinity	110		mg/L	1.0	1.0	1.0	SM 2320B
	Analysis Batch: 660-96565	Date Analyzed: 06/29/2010 1234					
Carbonate Alkalinity as CaCO3	17		mg/L	1.0	1.0	1.0	SM 2320B
	Analysis Batch: 660-96565	Date Analyzed: 06/29/2010 1234					
Sulfide	1.0	U	mg/L	1.0	1.0	1.0	SM 4500 S2 F
	Analysis Batch: 660-96344	Date Analyzed: 06/23/2010 1700					
Nitrogen, Total	0.37		mg/L	0.21	0.21	1.0	Total Nitrogen
	Analysis Batch: 640-70382	Date Analyzed: 06/29/2010 0840					
Unionized Ammonia	0.023		mg/L	0.000017	0.000017	1.0	UnionizedNH3
	Analysis Batch: 680-172947	Date Analyzed: 06/30/2010 0801					

Analytical Data

Client: Florida Power & Light Company

Job Number: 660-35894-1

Sdg Number: 35894

General Chemistry

Client Sample ID: 062210-BBSW-2D

Lab Sample ID: 660-35894-3

Date Sampled: 06/22/2010 1534

Client Matrix: Water

Date Received: 06/23/2010 0815

Analyte	Result	Qual	Units	MDL	PQL	Dil	Method
Bromide	72		mg/L	2.7	5.0	100	300.0
Run Type: DL	Analysis Batch: 660-96603	Date Analyzed: 06/30/2010 0113					
Chloride	21000		mg/L	200	500	1000	300.0
Run Type: DL3	Analysis Batch: 660-96603	Date Analyzed: 06/30/2010 0135					
Fluoride	0.10	U	mg/L	0.10	0.25	5.0	300.0
	Analysis Batch: 660-96706	Date Analyzed: 06/30/2010 1418					
Sulfate	2900		mg/L	20	50	100	300.0
Run Type: DL	Analysis Batch: 660-96603	Date Analyzed: 06/30/2010 0113					
Nitrogen, Kjeldahl	0.26		mg/L	0.050	0.20	1.0	351.2
	Analysis Batch: 660-96389	Date Analyzed: 06/24/2010 1402					
	Prep Batch: 660-96337	Date Prepared: 06/23/2010 1600					
Nitrate Nitrite as N	0.0047	U	mg/L	0.0047	0.010	1.0	353.2
	Analysis Batch: 640-70364	Date Analyzed: 06/28/2010 1149					
Phosphorus	0.018		mg/L	0.0044	0.010	1.0	365.1
	Analysis Batch: 640-70307	Date Analyzed: 06/25/2010 1442					
	Prep Batch: 640-70272	Date Prepared: 06/24/2010 1448					
Ammonia	0.080		mg/L	0.026	0.050	1.0	SM 4500 NH3
	Analysis Batch: 680-172931	Date Analyzed: 06/29/2010 1700					
	Prep Batch: 680-172902	Date Prepared: 06/29/2010 1511					
ortho-Phosphate-Dissolved	0.045	I	mg/L	0.028	1.0	20	SM 4500 P E
	Analysis Batch: 640-70344	Date Analyzed: 06/24/2010 1245					
Analyte	Result	Qual	Units	PQL	PQL	Dil	Method
Dissolved Inorganic Carbon-Dissolved	20		mg/L	1.0	1.0	1.0	9060
	Analysis Batch: 680-172887	Date Analyzed: 06/28/2010 1127					
Alkalinity	110		mg/L	1.0	1.0	1.0	SM 2320B
	Analysis Batch: 660-96565	Date Analyzed: 06/29/2010 1240					
Carbonate Alkalinity as CaCO3	34		mg/L	1.0	1.0	1.0	SM 2320B
	Analysis Batch: 660-96565	Date Analyzed: 06/29/2010 1240					
Sulfide	1.0	U	mg/L	1.0	1.0	1.0	SM 4500 S2 F
	Analysis Batch: 660-96344	Date Analyzed: 06/23/2010 1700					
Nitrogen, Total	0.26		mg/L	0.21	0.21	1.0	Total Nitrogen
	Analysis Batch: 640-70382	Date Analyzed: 06/29/2010 0840					
Unionized Ammonia	0.028		mg/L	0.000017	0.000017	1.0	UnionizedNH3
	Analysis Batch: 680-172947	Date Analyzed: 06/30/2010 0801					

Analytical Data

Client: Florida Power & Light Company

Job Number: 660-35894-1

Sdg Number: 35894

Field Service / Mobile Lab**Client Sample ID: 062210-BBSW-1S**

Lab Sample ID: 660-35894-1

Date Sampled: 06/22/2010 1330

Client Matrix: Water

Date Received: 06/23/2010 0815

Analyte	Result	Qual	Units	Dil	Method	Analysis Batch	Date Analyzed Date Prepared
Field pH	8.45		SU	1.0	Field Sampling	660-97058	06/22/2010 1330
Field Temperature	31.36		Degrees C	1.0	Field Sampling	660-97058	06/22/2010 1330
Oxygen, Dissolved	6.45		mg/L	1.0	Field Sampling	660-97058	06/22/2010 1330
Specific Conductance	45270		umhos/cm	1.0	Field Sampling	660-97058	06/22/2010 1330
Turbidity	0.94		NTU	1.0	Field Sampling	660-97058	06/22/2010 1330

Analytical Data

Client: Florida Power & Light Company

Job Number: 660-35894-1

Sdg Number: 35894

Field Service / Mobile Lab**Client Sample ID:** 062210-BBSW-1D

Lab Sample ID: 660-35894-2

Date Sampled: 06/22/2010 1414

Client Matrix: Water

Date Received: 06/23/2010 0815

Analyte	Result	Qual	Units	Dil	Method	Analysis Batch	Date Analyzed Date Prepared
Field pH	8.51		SU	1.0	Field Sampling	660-97058	06/22/2010 1414
Field Temperature	31.91		Degrees C	1.0	Field Sampling	660-97058	06/22/2010 1414
Oxygen, Dissolved	7.65		mg/L	1.0	Field Sampling	660-97058	06/22/2010 1414
Specific Conductance	45670		umhos/cm	1.0	Field Sampling	660-97058	06/22/2010 1414
Turbidity	0.90		NTU	1.0	Field Sampling	660-97058	06/22/2010 1414

Analytical Data

Client: Florida Power & Light Company

Job Number: 660-35894-1

Sdg Number: 35894

Field Service / Mobile Lab**Client Sample ID:** 062210-BBSW-2D

Lab Sample ID: 660-35894-3

Date Sampled: 06/22/2010 1534

Client Matrix: Water

Date Received: 06/23/2010 0815

Analyte	Result	Qual	Units	Dil	Method	Analysis Batch	Date Analyzed Date Prepared
Field pH	8.65		SU	1.0	Field Sampling	660-97058	06/22/2010 1534
Field Temperature	31.91		Degrees C	1.0	Field Sampling	660-97058	06/22/2010 1534
Oxygen, Dissolved	7.80		mg/L	1.0	Field Sampling	660-97058	06/22/2010 1534
Specific Conductance	48640		umhos/cm	1.0	Field Sampling	660-97058	06/22/2010 1534
Turbidity	0.91		NTU	1.0	Field Sampling	660-97058	06/22/2010 1534

DATA REPORTING QUALIFIERS

Client: Florida Power & Light Company

Job Number: 660-35894-1

Sdg Number: 35894

Lab Section	Qualifier	Description
Metals		
	J3	Estimated value; value may not be accurate. Spike recovery or RPD outside of criteria.
	U	Indicates that 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.
General Chemistry		
	J3	Estimated value; value may not be accurate. Spike recovery or RPD outside of criteria.
	U	Indicates that 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.

Quality Control Results

Client: Florida Power & Light Company

Job Number: 660-35894-1

Sdg Number: 35894

Method Blank - Batch: 680-172919

Method: 200.7 Rev 4.4

Preparation: N/A

Lab Sample ID: MB 680-172840/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 06/29/2010 1323
Date Prepared: N/A

Analysis Batch: 680-172919
Prep Batch: N/A
Units: ug/L

Instrument ID: Varian ICP
Lab File ID: E06292010_SI.csv
Initial Weight/Volume:
Final Weight/Volume: 1.0 mL

Analyte	Result	Qual	MDL	PQL
SiO2, Silica	50	U	50	500

Lab Control Sample - Batch: 680-172919

Method: 200.7 Rev 4.4

Preparation: N/A

Lab Sample ID: LCS 680-172840/2-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 06/29/2010 1325
Date Prepared: N/A

Analysis Batch: 680-172919
Prep Batch: N/A
Units: ug/L

Instrument ID: Varian ICP
Lab File ID: E06292010_SI.csv
Initial Weight/Volume:
Final Weight/Volume: 1.0 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
SiO2, Silica	10000	9840	98	85 - 115	

Matrix Spike/

Matrix Spike Duplicate Recovery Report - Batch: 680-172919

Method: 200.7 Rev 4.4

Preparation: N/A

MS Lab Sample ID: 660-35894-1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 06/29/2010 1426
Date Prepared: N/A

Analysis Batch: 680-172919
Prep Batch: N/A

Instrument ID: Varian ICP
Lab File ID: E06292010_SI.csv
Initial Weight/Volume:
Final Weight/Volume: 1.0 mL

MSD Lab Sample ID: 660-35894-1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 06/29/2010 1434
Date Prepared: N/A

Analysis Batch: 680-172919
Prep Batch: N/A

Instrument ID: Varian ICP
Lab File ID: E06292010_SI.csv
Initial Weight/Volume:
Final Weight/Volume: 1.0 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
SiO2, Silica	107	90	75 - 125	16	20		

Quality Control Results

Client: Florida Power & Light Company

Job Number: 660-35894-1

Sdg Number: 35894

Method Blank - Batch: 640-70252

Lab Sample ID: MB 640-70252/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 06/29/2010 0924
Date Prepared: 06/24/2010 1130

Analysis Batch: 640-70408
Prep Batch: 640-70252
Units: ug/L

Method: 200.7 Rev 4.4

Preparation: 200.7

Total Recoverable

Instrument ID: ICP2
Lab File ID: 062910.csv
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result	Qual	MDL	PQL
Barium	0.81	U	0.81	10
Iron	2.7	U	2.7	50

Lab Control Sample/

Lab Control Sample Duplicate Recovery Report - Batch: 640-70252

Method: 200.7 Rev 4.4

Preparation: 200.7

Total Recoverable

LCS Lab Sample ID: LCS 640-70252/2-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 06/29/2010 0928
Date Prepared: 06/24/2010 1130

Analysis Batch: 640-70408
Prep Batch: 640-70252
Units: ug/L

Instrument ID: ICP2
Lab File ID: 062910.csv
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

LCSD Lab Sample ID: LCSD 640-70252/3-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 06/29/2010 0933
Date Prepared: 06/24/2010 1130

Analysis Batch: 640-70408
Prep Batch: 640-70252
Units: ug/L

Instrument ID: ICP2
Lab File ID: 062910.csv
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
Barium	100	99	85 - 115	1	20		
Iron	96	97	85 - 115	1	20		

Quality Control Results

Client: Florida Power & Light Company

Job Number: 660-35894-1

Sdg Number: 35894

Matrix Spike/

Matrix Spike Duplicate Recovery Report - Batch: 640-70252

Method: 200.7 Rev 4.4

Preparation: 200.7

Total Recoverable

MS Lab Sample ID: 660-35863-H-4-B MS ^10 Analysis Batch: 640-70408
Client Matrix: Water Prep Batch: 640-70252
Dilution: 10
Date Analyzed: 06/29/2010 0956
Date Prepared: 06/24/2010 1130

Instrument ID: ICP2
Lab File ID: 062910.csv
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

MSD Lab Sample ID: 660-35863-H-4-C MSD Analysis Batch: 640-70408
Client Matrix: Water Prep Batch: 640-70252
Dilution: 10
Date Analyzed: 06/29/2010 1001
Date Prepared: 06/24/2010 1130

Instrument ID: ICP2
Lab File ID: 062910.csv
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Barium	107	104	70 - 130	2	20		
Iron	100	94	70 - 130	4	20		

Duplicate - Batch: 640-70252

Method: 200.7 Rev 4.4

Preparation: 200.7

Total Recoverable

Lab Sample ID: 660-35863-H-5-B DU ^10 Analysis Batch: 640-70408
Client Matrix: Water Prep Batch: 640-70252
Dilution: 10 Units: ug/L
Date Analyzed: 06/29/2010 1019
Date Prepared: 06/24/2010 1130

Instrument ID: ICP2
Lab File ID: 062910.csv
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Barium	110	138	24	20	J3
Iron	900	866	4	20	

Quality Control Results

Client: Florida Power & Light Company

Job Number: 660-35894-1

Sdg Number: 35894

Method Blank - Batch: 660-96364

Lab Sample ID: MB 660-96364/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 06/29/2010 1029
Date Prepared: 06/24/2010 1034

Analysis Batch: 660-96549
Prep Batch: 660-96364
Units: mg/L

Method: 6010B Preparation: 3005A Total Recoverable

Instrument ID: ICPA
Lab File ID: 10F29A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result	Qual	MDL	PQL
Calcium	0.10	U	0.10	0.50
Potassium	0.19	U	0.19	1.0
Magnesium	0.020	U	0.020	0.080
Sodium	0.31	U	0.31	0.50

Method Blank - Batch: 660-96364

Lab Sample ID: MB 660-96364/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 06/29/2010 1029
Date Prepared: 06/24/2010 1034

Analysis Batch: 660-96549
Prep Batch: 660-96364
Units: ug/L

Method: 6010B Preparation: 3005A Total Recoverable

Instrument ID: ICPA
Lab File ID: 10F29A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result	Qual	MDL	PQL
Boron	10	U	10	50
Strontium	1.0	U	1.0	5.0

Quality Control Results

Client: Florida Power & Light Company

Job Number: 660-35894-1

Sdg Number: 35894

Lab Control Sample - Batch: 660-96364

Method: 6010B
Preparation: 3005A
Total Recoverable

Lab Sample ID: LCS 660-96364/2-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 06/29/2010 1035
Date Prepared: 06/24/2010 1034

Analysis Batch: 660-96549
Prep Batch: 660-96364
Units: mg/L

Instrument ID: ICPA
Lab File ID: 10F29A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Calcium	1.00	1.08	108	75 - 125	
Potassium	10.0	8.89	89	75 - 125	
Magnesium	1.00	1.03	103	75 - 125	
Sodium	10.0	9.76	98	75 - 125	

Lab Control Sample - Batch: 660-96364

Method: 6010B
Preparation: 3005A
Total Recoverable

Lab Sample ID: LCS 660-96364/2-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 06/29/2010 1035
Date Prepared: 06/24/2010 1034

Analysis Batch: 660-96549
Prep Batch: 660-96364
Units: ug/L

Instrument ID: ICPA
Lab File ID: 10F29A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Boron	1000	1000	100	75 - 125	
Strontium	1000	1060	106	75 - 125	

Quality Control Results

Client: Florida Power & Light Company

Job Number: 660-35894-1

Sdg Number: 35894

Matrix Spike/

Matrix Spike Duplicate Recovery Report - Batch: 660-96364

Method: 6010B

Preparation: 3005A

Total Recoverable

MS Lab Sample ID: 660-35826-F-1-C MS ^10 Analysis Batch: 660-96549
Client Matrix: Water Prep Batch: 660-96364
Dilution: 10
Date Analyzed: 06/29/2010 1053
Date Prepared: 06/24/2010 1034

Instrument ID: ICPA
Lab File ID: 10F29A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

MSD Lab Sample ID: 660-35826-F-1-D MSD Analysis Batch: 660-96549
Client Matrix: Water Prep Batch: 660-96364
Dilution: 10
Date Analyzed: 06/29/2010 1059
Date Prepared: 06/24/2010 1034

Instrument ID: ICPA
Lab File ID: 10F29A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Calcium	-17100	-18100	75 - 125	2	20	J3	J3
Potassium	3660	3450	75 - 125	3	20	J3	J3
Magnesium	5760	2790	75 - 125	2	20	J3	J3
Sodium	30600	27800	75 - 125	2	20	J3	J3

Matrix Spike/

Matrix Spike Duplicate Recovery Report - Batch: 660-96364

Method: 6010B

Preparation: 3005A

Total Recoverable

MS Lab Sample ID: 660-35826-F-1-C MS ^10 Analysis Batch: 660-96549
Client Matrix: Water Prep Batch: 660-96364
Dilution: 10
Date Analyzed: 06/29/2010 1053
Date Prepared: 06/24/2010 1034

Instrument ID: ICPA
Lab File ID: 10F29A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

MSD Lab Sample ID: 660-35826-F-1-D MSD Analysis Batch: 660-96549
Client Matrix: Water Prep Batch: 660-96364
Dilution: 10
Date Analyzed: 06/29/2010 1059
Date Prepared: 06/24/2010 1034

Instrument ID: ICPA
Lab File ID: 10F29A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Boron	612	601	75 - 125	2	20	J3	J3
Strontium	1230	1200	75 - 125	2	20	J3	J3

Quality Control Results

Client: Florida Power & Light Company

Job Number: 660-35894-1

Sdg Number: 35894

Method Blank - Batch: 660-96603

Method: 300.0

Preparation: N/A

Lab Sample ID: MB 660-96603/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 06/29/2010 1907
Date Prepared: N/A

Analysis Batch: 660-96603
Prep Batch: N/A
Units: mg/L

Instrument ID: DIONEX2
Lab File ID: 10.0000.TXT
Initial Weight/Volume:
Final Weight/Volume: 1 mL

Analyte	Result	Qual	MDL	PQL
Bromide	0.027	U	0.027	0.050
Chloride	0.20	U	0.20	0.50
Sulfate	0.20	U	0.20	0.50

Lab Control Sample - Batch: 660-96603

Method: 300.0

Preparation: N/A

Lab Sample ID: LCS 660-96603/4
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 06/29/2010 1928
Date Prepared: N/A

Analysis Batch: 660-96603
Prep Batch: N/A
Units: mg/L

Instrument ID: DIONEX2
Lab File ID: 11.0000.TXT
Initial Weight/Volume:
Final Weight/Volume: 1 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Bromide	1.00	1.01	101	90 - 110	
Chloride	10.0	9.83	98	90 - 110	
Sulfate	10.0	10.3	103	90 - 110	

Quality Control Results

Client: Florida Power & Light Company

Job Number: 660-35894-1

Sdg Number: 35894

Matrix Spike/

Matrix Spike Duplicate Recovery Report - Batch: 660-96603

Method: 300.0

Preparation: N/A

MS Lab Sample ID: 660-35894-3DL3
Client Matrix: Water
Dilution: 1000
Date Analyzed: 06/30/2010 0157
Date Prepared: N/A

Analysis Batch: 660-96603
Prep Batch: N/A
Run Type: DL3

Instrument ID: DIONEX2
Lab File ID: 26.0000.TXT
Initial Weight/Volume:
Final Weight/Volume: 50 mL

MSD Lab Sample ID: 660-35894-3DL3
Client Matrix: Water
Dilution: 1000
Date Analyzed: 06/30/2010 0218
Date Prepared: N/A

Analysis Batch: 660-96603
Prep Batch: N/A
Run Type: DL3

Instrument ID: DIONEX2
Lab File ID: 27.0000.TXT
Initial Weight/Volume:
Final Weight/Volume: 50 mL

Analyte	<u>% Rec.</u>		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Bromide	103	103	90 - 110	0	30		
Chloride	104	105	90 - 110	0	30		
Sulfate	102	102	90 - 110	0	30		

Quality Control Results

Client: Florida Power & Light Company

Job Number: 660-35894-1

Sdg Number: 35894

Method Blank - Batch: 660-96706

Method: 300.0

Preparation: N/A

Lab Sample ID: MB 660-96706/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 06/30/2010 1208
Date Prepared: N/A

Analysis Batch: 660-96706
Prep Batch: N/A
Units: mg/L

Instrument ID: DIONEX 1
Lab File ID: 11.0000.TXT
Initial Weight/Volume:
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	PQL
Bromide	0.027	U	0.027	0.050
Chloride	0.20	U	0.20	0.50
Fluoride	0.020	U	0.020	0.050

Lab Control Sample - Batch: 660-96706

Method: 300.0

Preparation: N/A

Lab Sample ID: LCS 660-96706/4
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 06/30/2010 1325
Date Prepared: N/A

Analysis Batch: 660-96706
Prep Batch: N/A
Units: mg/L

Instrument ID: DIONEX 1
Lab File ID: 12.0000.TXT
Initial Weight/Volume:
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Bromide	1.00	0.963	96	90 - 110	
Chloride	10.0	10.1	101	90 - 110	
Fluoride	1.00	0.924	92	90 - 110	

Quality Control Results

Client: Florida Power & Light Company

Job Number: 660-35894-1

Sdg Number: 35894

Matrix Spike/

Matrix Spike Duplicate Recovery Report - Batch: 660-96706

Method: 300.0

Preparation: N/A

MS Lab Sample ID: 660-35918-J-2 MS
Client Matrix: Water
Dilution: 1000
Date Analyzed: 06/30/2010 1528
Date Prepared: N/A

Analysis Batch: 660-96706
Prep Batch: N/A
Run Type: DL2

Instrument ID: DIONEX 1
Lab File ID: 19.0000.TXT
Initial Weight/Volume:
Final Weight/Volume: 50 mL

MSD Lab Sample ID: 660-35918-J-2 MSD
Client Matrix: Water
Dilution: 1000
Date Analyzed: 06/30/2010 1545
Date Prepared: N/A

Analysis Batch: 660-96706
Prep Batch: N/A
Run Type: DL2

Instrument ID: DIONEX 1
Lab File ID: 20.0000.TXT
Initial Weight/Volume:
Final Weight/Volume: 50 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Fluoride	86	86	90 - 110	0	30	J3	J3

Matrix Spike/

Matrix Spike Duplicate Recovery Report - Batch: 660-96706

Method: 300.0

Preparation: N/A

MS Lab Sample ID: 660-35894-1
Client Matrix: Water
Dilution: 1000
Date Analyzed: 06/30/2010 1927
Date Prepared: N/A

Analysis Batch: 660-96706
Prep Batch: N/A

Instrument ID: DIONEX 1
Lab File ID: 30.0000.TXT
Initial Weight/Volume:
Final Weight/Volume: 50 mL

MSD Lab Sample ID: 660-35894-1
Client Matrix: Water
Dilution: 1000
Date Analyzed: 06/30/2010 1945
Date Prepared: N/A

Analysis Batch: 660-96706
Prep Batch: N/A

Instrument ID: DIONEX 1
Lab File ID: 31.0000.TXT
Initial Weight/Volume:
Final Weight/Volume: 50 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Bromide	96	96	90 - 110	0	30		
Chloride	105	105	90 - 110	0	30		

Quality Control Results

Client: Florida Power & Light Company

Job Number: 660-35894-1

Sdg Number: 35894

Method Blank - Batch: 660-96337

Method: 351.2

Preparation: 351.2

Lab Sample ID: MB 660-96337/10-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 06/24/2010 1402
Date Prepared: 06/23/2010 1600

Analysis Batch: 660-96389
Prep Batch: 660-96337
Units: mg/L

Instrument ID: LACHAT
Lab File ID: N/A
Initial Weight/Volume: 20 mL
Final Weight/Volume: 20 mL

Analyte	Result	Qual	MDL	PQL
Nitrogen, Kjeldahl	0.050	U	0.050	0.20

Lab Control Sample - Batch: 660-96337

Method: 351.2

Preparation: 351.2

Lab Sample ID: LCS 660-96337/11-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 06/24/2010 1402
Date Prepared: 06/23/2010 1600

Analysis Batch: 660-96389
Prep Batch: 660-96337
Units: mg/L

Instrument ID: LACHAT
Lab File ID: N/A
Initial Weight/Volume: 20 mL
Final Weight/Volume: 20 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Nitrogen, Kjeldahl	3.00	3.02	101	90 - 110	

Matrix Spike/

Matrix Spike Duplicate Recovery Report - Batch: 660-96337

Method: 351.2

Preparation: 351.2

MS Lab Sample ID: 660-35855-D-1-B MS
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 06/24/2010 1402
Date Prepared: 06/23/2010 1600

Analysis Batch: 660-96389
Prep Batch: 660-96337

Instrument ID: LACHAT
Lab File ID: N/A
Initial Weight/Volume: 20 mL
Final Weight/Volume: 20 mL

MSD Lab Sample ID: 660-35855-D-1-C MSD
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 06/24/2010 1402
Date Prepared: 06/23/2010 1600

Analysis Batch: 660-96389
Prep Batch: 660-96337

Instrument ID: LACHAT
Lab File ID: N/A
Initial Weight/Volume: 20 mL
Final Weight/Volume: 20 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Nitrogen, Kjeldahl	89	94	90 - 110	3	30	J3	

Quality Control Results

Client: Florida Power & Light Company

Job Number: 660-35894-1

Sdg Number: 35894

Method Blank - Batch: 640-70364

Method: 353.2

Preparation: N/A

Lab Sample ID: MB 640-70364/1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 06/28/2010 1059
Date Prepared: N/A

Analysis Batch: 640-70364
Prep Batch: N/A
Units: mg/L

Instrument ID: ASTORIA
Lab File ID: NO2+NO30602810A1.txt
Initial Weight/Volume: 25.0 mL
Final Weight/Volume: 25.0 mL

Analyte	Result	Qual	MDL	PQL
Nitrate Nitrite as N	0.0047	U	0.0047	0.010

Lab Control Sample/

Lab Control Sample Duplicate Recovery Report - Batch: 640-70364

Method: 353.2

Preparation: N/A

LCS Lab Sample ID: LCS 640-70364/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 06/28/2010 1101
Date Prepared: N/A

Analysis Batch: 640-70364
Prep Batch: N/A
Units: mg/L

Instrument ID: ASTORIA
Lab File ID: NO2+NO30602810A1.txt
Initial Weight/Volume: 25.0 mL
Final Weight/Volume: 25.0 mL

LCSD Lab Sample ID: LCSD 640-70364/4
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 06/28/2010 1103
Date Prepared: N/A

Analysis Batch: 640-70364
Prep Batch: N/A
Units: mg/L

Instrument ID: ASTORIA
Lab File ID: NO2+NO30602810A1.txt
Initial Weight/Volume: 25.0 mL
Final Weight/Volume: 25.0 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
Nitrate Nitrite as N	99	99	90 - 110	0	30		

Quality Control Results

Client: Florida Power & Light Company

Job Number: 660-35894-1

Sdg Number: 35894

Matrix Spike/

Matrix Spike Duplicate Recovery Report - Batch: 640-70364

Method: 353.2

Preparation: N/A

MS Lab Sample ID: 640-28501-M-2 MS
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 06/28/2010 1216
Date Prepared: N/A

Analysis Batch: 640-70364
Prep Batch: N/A

Instrument ID: ASTORIA
Lab File ID: NO2+NO30602810A1.txt
Initial Weight/Volume: 25.0 mL
Final Weight/Volume: 25.0 mL

MSD Lab Sample ID: 640-28501-M-2 MSD
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 06/28/2010 1217
Date Prepared: N/A

Analysis Batch: 640-70364
Prep Batch: N/A

Instrument ID: ASTORIA
Lab File ID: NO2+NO30602810A1.txt
Initial Weight/Volume: 25.0 mL
Final Weight/Volume: 25.0 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Nitrate Nitrite as N	90	91	90 - 110	0	30		

Duplicate - Batch: 640-70364

Method: 353.2

Preparation: N/A

Lab Sample ID: 360-28875-B-1 DU
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 06/28/2010 1108
Date Prepared: N/A

Analysis Batch: 640-70364
Prep Batch: N/A
Units: mg/L

Instrument ID: ASTORIA
Lab File ID: NO2+NO30602810A1.txt
Initial Weight/Volume: 25.0 mL
Final Weight/Volume: 25.0 mL

Analyte	Sample Result/Qual		Result	RPD	Limit	Qual
Nitrate Nitrite as N	0.0047	U	0.0047	NC	30	U

Quality Control Results

Client: Florida Power & Light Company

Job Number: 660-35894-1

Sdg Number: 35894

Method Blank - Batch: 640-70272

Lab Sample ID: MB 640-70272/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 06/25/2010 1310
Date Prepared: 06/24/2010 1448

Analysis Batch: 640-70307
Prep Batch: 640-70272
Units: mg/L

Method: 365.1

Preparation: 365.2/365.3/365

Instrument ID: ASTORIA2
Lab File ID: TP062510A.txt
Initial Weight/Volume: 25.0 mL
Final Weight/Volume: 25.0 mL

Analyte	Result	Qual	MDL	PQL
Phosphorus	0.0044	U	0.0044	0.010

Lab Control Sample/

Lab Control Sample Duplicate Recovery Report - Batch: 640-70272

Method: 365.1

Preparation: 365.2/365.3/365

LCS Lab Sample ID: LCS 640-70272/3-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 06/25/2010 1312
Date Prepared: 06/24/2010 1448

Analysis Batch: 640-70307
Prep Batch: 640-70272
Units: mg/L

Instrument ID: ASTORIA2
Lab File ID: TP062510A.txt
Initial Weight/Volume: 25.0 mL
Final Weight/Volume: 25.0 mL

LCSD Lab Sample ID: LCSD 640-70272/4-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 06/25/2010 1313
Date Prepared: 06/24/2010 1448

Analysis Batch: 640-70307
Prep Batch: 640-70272
Units: mg/L

Instrument ID: ASTORIA2
Lab File ID: TP062510A.txt
Initial Weight/Volume: 25.0 mL
Final Weight/Volume: 25.0 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
Phosphorus	98	99	90 - 110	1	30		

Quality Control Results

Client: Florida Power & Light Company

Job Number: 660-35894-1

Sdg Number: 35894

Matrix Spike/

Matrix Spike Duplicate Recovery Report - Batch: 640-70272

Method: 365.1

Preparation: 365.2/365.3/365

MS Lab Sample ID: 640-28469-E-1-C MS
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 06/25/2010 1325
Date Prepared: 06/24/2010 1448

Analysis Batch: 640-70307
Prep Batch: 640-70272

Instrument ID: ASTORIA2
Lab File ID: TP062510A.txt
Initial Weight/Volume: 25.0 mL
Final Weight/Volume: 25.0 mL

MSD Lab Sample ID: 640-28469-E-1-D MSD
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 06/25/2010 1327
Date Prepared: 06/24/2010 1448

Analysis Batch: 640-70307
Prep Batch: 640-70272

Instrument ID: ASTORIA2
Lab File ID: TP062510A.txt
Initial Weight/Volume: 25.0 mL
Final Weight/Volume: 25.0 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Phosphorus	87	94	90 - 110	7	30	J3	

Matrix Spike/

Matrix Spike Duplicate Recovery Report - Batch: 640-70272

Method: 365.1

Preparation: 365.2/365.3/365

MS Lab Sample ID: 640-28496-A-2-B MS
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 06/25/2010 1439
Date Prepared: 06/24/2010 1448

Analysis Batch: 640-70307
Prep Batch: 640-70272

Instrument ID: ASTORIA2
Lab File ID: TP062510A.txt
Initial Weight/Volume: 25.0 mL
Final Weight/Volume: 25.0 mL

MSD Lab Sample ID: 640-28496-A-2-C MSD
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 06/25/2010 1440
Date Prepared: 06/24/2010 1448

Analysis Batch: 640-70307
Prep Batch: 640-70272

Instrument ID: ASTORIA2
Lab File ID: TP062510A.txt
Initial Weight/Volume: 25.0 mL
Final Weight/Volume: 25.0 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Phosphorus	101	101	90 - 110	1	30		

Quality Control Results

Client: Florida Power & Light Company

Job Number: 660-35894-1

Sdg Number: 35894

Duplicate - Batch: 640-70272

Method: 365.1

Preparation: 365.2/365.3/365

Lab Sample ID: 640-28469-E-1-B DU

Client Matrix: Water

Dilution: 1.0

Date Analyzed: 06/25/2010 1324

Date Prepared: 06/24/2010 1448

Analysis Batch: 640-70307

Prep Batch: 640-70272

Units: mg/L

Instrument ID: ASTORIA2

Lab File ID: TP062510A.txt

Initial Weight/Volume: 25.0 mL

Final Weight/Volume: 25.0 mL

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Phosphorus	0.027	0.0287	5	30	

Quality Control Results

Client: Florida Power & Light Company

Job Number: 660-35894-1

Sdg Number: 35894

Method Blank - Batch: 680-172887

Method: 9060

Preparation: N/A

Lab Sample ID: MB 680-172887/1

Analysis Batch: 680-172887

Instrument ID: TOC3

Client Matrix: Water

Prep Batch: N/A

Lab File ID: N/A

Dilution: 1.0

Units: mg/L

Initial Weight/Volume: 25 mL

Date Analyzed: 06/28/2010 1127

Final Weight/Volume: 25 mL

Date Prepared: N/A

Analyte	Result	Qual	PQL	PQL
Dissolved Inorganic Carbon-Dissolved	1.0	U	1.0	1.0

Quality Control Results

Client: Florida Power & Light Company

Job Number: 660-35894-1

Sdg Number: 35894

Method Blank - Batch: 660-96565

Method: SM 2320B

Preparation: N/A

Lab Sample ID: MB 660-96565/1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 06/29/2010 1057
Date Prepared: N/A

Analysis Batch: 660-96565
Prep Batch: N/A
Units: mg/L

Instrument ID: MANTECH
Lab File ID: 6.29.10.txt
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result	Qual	PQL	PQL
Alkalinity	1.0	U	1.0	1.0

Lab Control Sample - Batch: 660-96565

Method: SM 2320B

Preparation: N/A

Lab Sample ID: LCS 660-96565/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 06/29/2010 1104
Date Prepared: N/A

Analysis Batch: 660-96565
Prep Batch: N/A
Units: mg/L

Instrument ID: MANTECH
Lab File ID: 6.29.10.txt
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Alkalinity	118	117	99	80 - 120	

Duplicate - Batch: 660-96565

Method: SM 2320B

Preparation: N/A

Lab Sample ID: 660-35894-1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 06/29/2010 1227
Date Prepared: N/A

Analysis Batch: 660-96565
Prep Batch: N/A
Units: mg/L

Instrument ID: MANTECH
Lab File ID: 6.29.10.txt
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Alkalinity	110	108	1	30	
Carbonate Alkalinity as CaCO ₃	9.5	10.3	8	30	

Quality Control Results

Client: Florida Power & Light Company

Job Number: 660-35894-1

Sdg Number: 35894

Method Blank - Batch: 680-172902

Method: SM 4500 NH3 G

Preparation: SM 4500 NH3 B

Lab Sample ID: MB 680-172902/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 06/29/2010 1650
Date Prepared: 06/29/2010 1511

Analysis Batch: 680-172931
Prep Batch: 680-172902
Units: mg/L

Instrument ID: KONELAB1
Lab File ID: KONE1062910B1NH3DIST.xl
Initial Weight/Volume: 6 mL
Final Weight/Volume: 6 mL

Analyte	Result	Qual	MDL	PQL
Ammonia	0.026	U	0.026	0.050

Lab Control Sample - Batch: 680-172902

Method: SM 4500 NH3 G

Preparation: SM 4500 NH3 B

Lab Sample ID: LCS 680-172902/2-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 06/29/2010 1650
Date Prepared: 06/29/2010 1511

Analysis Batch: 680-172931
Prep Batch: 680-172902
Units: mg/L

Instrument ID: KONELAB1
Lab File ID: KONE1062910B1NH3DIST.xl
Initial Weight/Volume: 6 mL
Final Weight/Volume: 6 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Ammonia	1.00	1.01	101	90 - 110	

Matrix Spike/

Matrix Spike Duplicate Recovery Report - Batch: 680-172902

Method: SM 4500 NH3 G

Preparation: SM 4500 NH3 B

MS Lab Sample ID: 660-35848-C-1-B MS
Client Matrix: Water
Dilution: 2.0
Date Analyzed: 06/29/2010 1717
Date Prepared: 06/29/2010 1511

Analysis Batch: 680-172931
Prep Batch: 680-172902

Instrument ID: KONELAB1
Lab File ID: KONE1062910B1NH3DIST.xl
Initial Weight/Volume: 6 mL
Final Weight/Volume: 6 mL

MSD Lab Sample ID: 660-35848-C-1-C MSD
Client Matrix: Water
Dilution: 2.0
Date Analyzed: 06/29/2010 1717
Date Prepared: 06/29/2010 1511

Analysis Batch: 680-172931
Prep Batch: 680-172902

Instrument ID: KONELAB1
Lab File ID: KONE1062910B1NH3DIST.xl
Initial Weight/Volume: 6 mL
Final Weight/Volume: 6 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Ammonia	99	119	90 - 110	9	30		J3

Quality Control Results

Client: Florida Power & Light Company

Job Number: 660-35894-1

Sdg Number: 35894

Duplicate - Batch: 680-172902

Method: SM 4500 NH3 G

Preparation: SM 4500 NH3 B

Lab Sample ID: 660-35894-2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 06/29/2010 1700
Date Prepared: 06/29/2010 1511

Analysis Batch: 680-172931
Prep Batch: 680-172902
Units: mg/L

Instrument ID: KONELAB1
Lab File ID: KONE1062910B1NH3DIST.xl
Initial Weight/Volume: 6 mL
Final Weight/Volume: 6 mL

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Ammonia	0.082	0.0830	1	30	

Quality Control Results

Client: Florida Power & Light Company

Job Number: 660-35894-1

Sdg Number: 35894

Method Blank - Batch: 640-70344

Method: SM 4500 P E

Preparation: N/A

Lab Sample ID: MB 640-70344/1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 06/24/2010 1123
Date Prepared: N/A

Analysis Batch: 640-70344
Prep Batch: N/A
Units: mg/L

Instrument ID: ASTORIA2
Lab File ID: OP062410Babs.txt
Initial Weight/Volume: 25 mL
Final Weight/Volume: 25 mL

Analyte	Result	Qual	MDL	PQL
ortho-Phosphate-Dissolved	0.0014	U	0.0014	0.050

Lab Control Sample/

Lab Control Sample Duplicate Recovery Report - Batch: 640-70344

Method: SM 4500 P E

Preparation: N/A

LCS Lab Sample ID: LCS 640-70344/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 06/24/2010 1125
Date Prepared: N/A

Analysis Batch: 640-70344
Prep Batch: N/A
Units: mg/L

Instrument ID: ASTORIA2
Lab File ID: OP062410Babs.txt
Initial Weight/Volume: 25 mL
Final Weight/Volume: 25 mL

LCSD Lab Sample ID: LCSD 640-70344/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 06/24/2010 1126
Date Prepared: N/A

Analysis Batch: 640-70344
Prep Batch: N/A
Units: mg/L

Instrument ID: ASTORIA2
Lab File ID: OP062410Babs.txt
Initial Weight/Volume: 25 mL
Final Weight/Volume: 25 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
ortho-Phosphate-Dissolved	100	99	90 - 110	1	30	I	I

Quality Control Results

Client: Florida Power & Light Company

Job Number: 660-35894-1

Sdg Number: 35894

Duplicate - Batch: 640-70344

Method: SM 4500 P E

Preparation: N/A

Lab Sample ID: 640-28501-J-1 DU

Analysis Batch: 640-70344

Instrument ID: ASTORIA2

Client Matrix: Water

Prep Batch: N/A

Lab File ID: OP062410Babs.txt

Dilution: 20

Units: mg/L

Initial Weight/Volume: 25 mL

Date Analyzed: 06/24/2010 1231

Final Weight/Volume: 25 mL

Date Prepared: N/A

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
ortho-Phosphate-Dissolved	1.0	0.983	3.22	30	I

Quality Control Results

Client: Florida Power & Light Company

Job Number: 660-35894-1

Sdg Number: 35894

Method Blank - Batch: 660-96344

Method: SM 4500 S2 F

Preparation: N/A

Lab Sample ID: MB 660-96344/1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 06/23/2010 1700
Date Prepared: N/A

Analysis Batch: 660-96344
Prep Batch: N/A
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 1.0 mL
Final Weight/Volume: 250 mL

Analyte	Result	Qual	PQL	PQL
Sulfide	1.0	U	1.0	1.0

Lab Control Sample/

Lab Control Sample Duplicate Recovery Report - Batch: 660-96344

Method: SM 4500 S2 F

Preparation: N/A

LCS Lab Sample ID: LCS 660-96344/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 06/23/2010 1700
Date Prepared: N/A

Analysis Batch: 660-96344
Prep Batch: N/A
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 1.0 mL
Final Weight/Volume: 250 mL

LCSD Lab Sample ID: LCSD 660-96344/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 06/23/2010 1700
Date Prepared: N/A

Analysis Batch: 660-96344
Prep Batch: N/A
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 1.0 mL
Final Weight/Volume: 250 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
Sulfide	92	93	75 - 125	1	25		

1660-35894

TestAmerica

THE LACIER REFORMATION: IT'S A CHURCH

Client Information			Sampler:	Lab Pk:	Carrier Tracking No(s)		COC No:
Client Contact:			J. Jacobs	Fritz, Tina			660-29696.3
Project:			601-640-6552	E-Mail:	tina.fritz@lestamericanc.com		Page 3 of 3
Company:			Florida Power & Light Company				
Address:			700 Universe Blvd (GPA/IB)	Due Date Requested:			
City:			Juno Beach	TAT Requested (days):			
State, Zip:			FL, 33408	PO #:			
Phone:				Purchase Order Requested			
Email:			Stacy.foster@fpl.com	WFO #:			
Project Name:			FPL Turkey Point (SA SW)	Project #:			
Site:			SSOW#:	66003641			
Sample Identification			Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (Weigher, S=soil, O=water, A=air)	Field Filtered Sample (Yes or No)
062210-10			06/24/10	1336	G	Water	Perform MS/MSD (Yes or No)
062210-11			06/24/10	1336	G	Water	365.1, Nitrogen, Total
062210-12			06/24/10	1336	G	Water	Unionized NH3 - Ammonia, Unionized
062210-13			06/24/10	1336	G	Water	4500_P_E_Ortho - ortho-Phosphate
062210-14			06/24/10	1336	G	Water	351.2 - Nitrogen, Kjeldahl
062210-15			06/24/10	1336	G	Water	SUBCONTRACT - Hydrogen, Oxygen / Carbon
062210-16			06/24/10	1336	G	Water	245.1, 6010B
062210-17			06/24/10	1336	G	Water	SM4500_S2_F - Sulfide
062210-18			06/24/10	1336	G	Water	2320B, 300.0_28D
062210-19			06/24/10	1336	G	Water	200.7_CWA - SiO2, Silica
062210-20			06/24/10	1336	G	Water	OIL
062210-21			06/24/10	1336	G	Water	DOC
062210-22			06/24/10	1336	G	Water	Metals
062210-23			06/24/10	1336	G	Water	TDS
062210-24			06/24/10	1336	G	Water	
062210-25			06/24/10	1336	G	Water	
062210-26			06/24/10	1336	G	Water	
062210-27			06/24/10	1336	G	Water	
062210-28			06/24/10	1336	G	Water	
062210-29			06/24/10	1336	G	Water	
062210-30			06/24/10	1336	G	Water	
062210-31			06/24/10	1336	G	Water	
062210-32			06/24/10	1336	G	Water	
062210-33			06/24/10	1336	G	Water	
062210-34			06/24/10	1336	G	Water	
062210-35			06/24/10	1336	G	Water	
062210-36			06/24/10	1336	G	Water	
062210-37			06/24/10	1336	G	Water	
062210-38			06/24/10	1336	G	Water	
062210-39			06/24/10	1336	G	Water	
062210-40			06/24/10	1336	G	Water	
062210-41			06/24/10	1336	G	Water	
062210-42			06/24/10	1336	G	Water	
062210-43			06/24/10	1336	G	Water	
062210-44			06/24/10	1336	G	Water	
062210-45			06/24/10	1336	G	Water	
062210-46			06/24/10	1336	G	Water	
062210-47			06/24/10	1336	G	Water	
062210-48			06/24/10	1336	G	Water	
062210-49			06/24/10	1336	G	Water	
062210-50			06/24/10	1336	G	Water	
062210-51			06/24/10	1336	G	Water	
062210-52			06/24/10	1336	G	Water	
062210-53			06/24/10	1336	G	Water	
062210-54			06/24/10	1336	G	Water	
062210-55			06/24/10	1336	G	Water	
062210-56			06/24/10	1336	G	Water	
062210-57			06/24/10	1336	G	Water	
062210-58			06/24/10	1336	G	Water	
062210-59			06/24/10	1336	G	Water	
062210-60			06/24/10	1336	G	Water	
062210-61			06/24/10	1336	G	Water	
062210-62			06/24/10	1336	G	Water	
062210-63			06/24/10	1336	G	Water	
062210-64			06/24/10	1336	G	Water	
062210-65			06/24/10	1336	G	Water	
062210-66			06/24/10	1336	G	Water	
062210-67			06/24/10	1336	G	Water	
062210-68			06/24/10	1336	G	Water	

35894

Form FD 9000-7: Field Parameter Data Sheet for Surface Water

SURVEY/PROJECT: FPL Trucking Point Water Monitoring METER MODEL# YSI 556 MPSSAMPLERS/ORGANIZATION: Seaside Jacobs Engineering METER SERIAL# 10A101789Stephen Jacobs
Steven Elliott
Ecology & Environments Inc.

Station#	Date	Time	Total Depth	Sample Depth	Water Temp	DO	DO	Cond	Salinity	pH	Turbidity	Comments
	Yymmdd	Hr:min	Ft	Ft	Deg C	Mg/L	% Sat	ns/cm	ppt	s.u.	NTU	
88SD-15	10/04/22	13:30	4.1	1 ft	31.30	6.45	101.9	45.24		8.45	0.94	
88SD-10	10/06/22	14:14	4.1	3.1 ft	31.29	7.65	101.13	45.67		8.51	0.90	
88SD-20	10/06/22	15:30	2.9	1.9 ft	31.91	7.80	126.2	48.64		8.65	0.91	
88SD-55	10/06/23	11:08	6.3	1.0 ft	30.00	5.71	98.7	45.03		8.37	1.17	
88SD-50	10/06/23	11:45	6.3	5.0 ft	30.2	6.10	95.0	45.04		8.41	1.27	
88SD-45	10/06/23	12:58	8.3	1.0 ft	30.78	6.23	99.1	47.75		8.52	3.41	
88SD-40	10/06/23	13:29	8.3	7.0	30.84	5.86	93.4	47.86		8.53	3.68	
88SD-30	10/06/23	15:45	2.9	1.9	31.51	7.63	122.0	48.30		8.57	1.12	
070610-T882005- CET												
070610-T882005- CET												

NOTES:

Login Sample Receipt Check List

Client: Florida Power & Light Company

Job Number: 660-35894-1

SDG Number: 35894

Login Number: 35894

List Source: TestAmerica Tampa

Creator: McNulty, Carol

List Number: 1

Question	T / F / NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	3.4 degrees C CU-07
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	Tally recd ortho phos for EB1-ID crossed off on coc
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	

Login Sample Receipt Check List

Client: Florida Power & Light Company

Job Number: 660-35894-1

SDG Number: 35894

Login Number: 35894

List Source: TestAmerica Savannah

Creator: Daughtry, Beth

List Creation: 06/24/10 02:17 PM

List Number: 1

Question	T / F / NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	N/A	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	N/A	
Samples do not require splitting or compositing.	N/A	

Login Sample Receipt Check List

Client: Florida Power & Light Company

Job Number: 660-35894-1

SDG Number: 35894

Login Number: 35894

List Source: TestAmerica Tallahassee

Creator: Snead, Joshua

List Creation: 06/24/10 09:14 AM

List Number: 1

Question	T / F / NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	N/A	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	N/A	
Samples do not require splitting or compositing.	N/A	