

ANALYTICAL REPORT

Job Number: 660-36118-1

SDG Number: 36118

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 1:48 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.

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Job Narrative
660-36118-1

Receipt

All samples were received in good condition within temperature requirements.

Metals

Method 200.7 Rev 4.4: The method blank for prep batch 640-70717 contained Iron above the method detection limit. This target analyte concentration was less than the reporting limit (RL); therefore, re-extraction and/or re-analysis of samples was not performed. Positive results are flagged with V.

Method 200.7 Rev 4.4: The following samples were diluted due to the nature of the sample matrix: 070710-TPSWC-1B (660-36118-1), 070710-TPSWC-1T (660-36118-2), 070710-TPSWC-2B (660-36118-3), 070710-TPSWC-2T (660-36118-4), 070710-TPSWC-3B (660-36118-5), 070710-TPSWC-3T (660-36118-6).

Method 6010B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for Calcium, Potassium, Magnesium and Sodium in batch 98389 were outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria.

General Chemistry

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

Method 300.0: The matrix spike (MS) recovery for batch 97816 was outside control limits for Sulfate. The associated laboratory control sample (LCS) recovery met acceptance criteria.

Method 353.2: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 71026 were outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria.

EXECUTIVE SUMMARY - Detections

Client: Florida Power & Light Company

Job Number: 660-36118-1

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Lab Sample ID Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
660-36118-1	070710-TPSWC-1B				
Field pH		7.59		SU	Field Sampling
Field Temperature		28.89		Degrees C	Field Sampling
Oxygen, Dissolved		5.54		mg/L	Field Sampling
Specific Conductance		470		umhos/cm	Field Sampling
Turbidity		1.19		NTU	Field Sampling
Bromide		0.17	0.050	mg/L	300.0
Chloride		84	2.5	mg/L	300.0
Fluoride		0.081	0.050	mg/L	300.0
Sulfate		6.5	0.50	mg/L	300.0
Nitrogen, Kjeldahl		1.2	0.20	mg/L	351.2
Phosphorus		0.0072 I	0.010	mg/L	365.1
Alkalinity		140	1.0	mg/L	SM 2320B
Ammonia		0.21	0.050	mg/L	SM 4500 NH3 G
Nitrogen, Total		1.2	0.21	mg/L	Total Nitrogen
Unionized Ammonia		0.0072	0.000017	mg/L	UnionizedNH3
<i>Dissolved</i>					
SiO2, Silica		6400	2500	ug/L	200.7 Rev 4.4
Dissolved Inorganic Carbon-Dissolved		34	1.0	mg/L	9060
ortho-Phosphate-Dissolved		0.0020 I	0.050	mg/L	SM 4500 P E
<i>Total Recoverable</i>					
Iron		28 I V	500	ug/L	200.7 Rev 4.4
Boron		72	50	ug/L	6010B
Calcium		51	0.50	mg/L	6010B
Potassium		5.4	1.0	mg/L	6010B
Strontium		530	5.0	ug/L	6010B
Magnesium		8.3	0.080	mg/L	6010B
Sodium		47	0.50	mg/L	6010B

EXECUTIVE SUMMARY - Detections

Client: Florida Power & Light Company

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Lab Sample ID	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
Analyte						
660-36118-2	070710-TPSWC-1T					
Field pH		7.6			SU	Field Sampling
Field Temperature		30.53			Degrees C	Field Sampling
Oxygen, Dissolved		4.59			mg/L	Field Sampling
Specific Conductance		512			umhos/cm	Field Sampling
Turbidity		1.17			NTU	Field Sampling
Bromide		0.17		0.050	mg/L	300.0
Chloride		85		2.5	mg/L	300.0
Fluoride		0.040	I	0.050	mg/L	300.0
Sulfate		5.9		0.50	mg/L	300.0
Nitrogen, Kjeldahl		1.1		0.20	mg/L	351.2
Phosphorus		0.0044	I	0.010	mg/L	365.1
Alkalinity		140		1.0	mg/L	SM 2320B
Ammonia		0.16		0.050	mg/L	SM 4500 NH3 G
Nitrogen, Total		1.1		0.21	mg/L	Total Nitrogen
Unionized Ammonia		0.0063		0.000017	mg/L	UnionizedNH3
<i>Dissolved</i>						
SiO2, Silica		4000		2500	ug/L	200.7 Rev 4.4
Dissolved Inorganic Carbon-Dissolved		36		1.0	mg/L	9060
ortho-Phosphate-Dissolved		0.0023	I	0.050	mg/L	SM 4500 P E
<i>Total Recoverable</i>						
Iron		29	I V	500	ug/L	200.7 Rev 4.4
Boron		72		50	ug/L	6010B
Calcium		54		0.50	mg/L	6010B
Potassium		5.2		1.0	mg/L	6010B
Strontium		510		5.0	ug/L	6010B
Magnesium		8.4		0.080	mg/L	6010B
Sodium		49		0.50	mg/L	6010B

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Lab Sample ID Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
660-36118-3	070710-TPSWC-2B				
Field pH		7.82		SU	Field Sampling
Field Temperature		30.25		Degrees C	Field Sampling
Oxygen, Dissolved		5.28		mg/L	Field Sampling
Specific Conductance		596		umhos/cm	Field Sampling
Turbidity		7.12		NTU	Field Sampling
Bromide		0.29	0.050	mg/L	300.0
Chloride		120	5.0	mg/L	300.0
Fluoride		0.040 I	0.050	mg/L	300.0
Sulfate		5.1	0.50	mg/L	300.0
Nitrogen, Kjeldahl		1.4	0.20	mg/L	351.2
Phosphorus		0.0065 I	0.010	mg/L	365.1
Alkalinity		130	1.0	mg/L	SM 2320B
Ammonia		0.20	0.050	mg/L	SM 4500 NH3 G
Nitrogen, Total		1.4	0.21	mg/L	Total Nitrogen
Unionized Ammonia		0.012	0.000017	mg/L	UnionizedNH3
<i>Dissolved</i>					
SiO2, Silica		5000	2500	ug/L	200.7 Rev 4.4
Dissolved Inorganic Carbon-Dissolved		33	1.0	mg/L	9060
ortho-Phosphate-Dissolved		0.0026 I	0.050	mg/L	SM 4500 P E
<i>Total Recoverable</i>					
Barium		11 I	100	ug/L	200.7 Rev 4.4
Iron		70 I V	500	ug/L	200.7 Rev 4.4
Boron		71	50	ug/L	6010B
Calcium		61	0.50	mg/L	6010B
Potassium		5.0	1.0	mg/L	6010B
Strontium		650	5.0	ug/L	6010B
Magnesium		9.3	0.080	mg/L	6010B
Sodium		67	0.50	mg/L	6010B

EXECUTIVE SUMMARY - Detections

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Lab Sample ID Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
660-36118-4	070710-TPSWC-2T				
Field pH		7.93		SU	Field Sampling
Field Temperature		31.96		Degrees C	Field Sampling
Oxygen, Dissolved		6.61		mg/L	Field Sampling
Specific Conductance		597		umhos/cm	Field Sampling
Turbidity		1.79		NTU	Field Sampling
Bromide		0.29	0.050	mg/L	300.0
Chloride		130	2.5	mg/L	300.0
Fluoride		0.075	0.050	mg/L	300.0
Sulfate		4.7	0.50	mg/L	300.0
Nitrogen, Kjeldahl		1.3	0.20	mg/L	351.2
Alkalinity		120	1.0	mg/L	SM 2320B
Ammonia		0.22	0.050	mg/L	SM 4500 NH3 G
Nitrogen, Total		1.3	0.21	mg/L	Total Nitrogen
Unionized Ammonia		0.0094	0.000017	mg/L	UnionizedNH3
<i>Dissolved</i>					
SiO2, Silica		4700	2500	ug/L	200.7 Rev 4.4
Dissolved Inorganic Carbon-Dissolved		33	1.0	mg/L	9060
ortho-Phosphate-Dissolved		0.0018 I	0.050	mg/L	SM 4500 P E
<i>Total Recoverable</i>					
Iron		34 I V	500	ug/L	200.7 Rev 4.4
Boron		69	50	ug/L	6010B
Calcium		57	0.50	mg/L	6010B
Potassium		5.0	1.0	mg/L	6010B
Strontium		610	5.0	ug/L	6010B
Magnesium		9.3	0.080	mg/L	6010B
Sodium		68	0.50	mg/L	6010B

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Lab Sample ID Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
660-36118-5	070710-TPSWC-3B				
Field pH		7.6		SU	Field Sampling
Field Temperature		30.54		Degrees C	Field Sampling
Oxygen, Dissolved		5.77		mg/L	Field Sampling
Specific Conductance		1019		umhos/cm	Field Sampling
Turbidity		1.55		NTU	Field Sampling
Bromide		0.81	0.050	mg/L	300.0
Chloride		250	2.5	mg/L	300.0
Fluoride		0.068	0.050	mg/L	300.0
Sulfate		14	0.50	mg/L	300.0
Nitrogen, Kjeldahl		1.1	0.20	mg/L	351.2
Phosphorus		0.0046 I	0.010	mg/L	365.1
Alkalinity		180	1.0	mg/L	SM 2320B
Ammonia		0.17	0.050	mg/L	SM 4500 NH3 G
Nitrogen, Total		1.1	0.21	mg/L	Total Nitrogen
Unionized Ammonia		0.0066	0.000017	mg/L	UnionizedNH3
<i>Dissolved</i>					
SiO2, Silica		4200	2500	ug/L	200.7 Rev 4.4
Dissolved Inorganic Carbon-Dissolved		44	1.0	mg/L	9060
ortho-Phosphate-Dissolved		0.0018 I	0.050	mg/L	SM 4500 P E
<i>Total Recoverable</i>					
Barium		13 I	100	ug/L	200.7 Rev 4.4
Iron		34 I V	500	ug/L	200.7 Rev 4.4
Boron		66	50	ug/L	6010B
Calcium		98	0.50	mg/L	6010B
Potassium		5.2	1.0	mg/L	6010B
Strontium		990	5.0	ug/L	6010B
Magnesium		11	0.080	mg/L	6010B
Sodium		120	1.0	mg/L	6010B

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Lab Sample ID Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
660-36118-6	070710-TPSWC-3T				
Field pH		8.08		SU	Field Sampling
Field Temperature		32.58		Degrees C	Field Sampling
Oxygen, Dissolved		8.04		mg/L	Field Sampling
Specific Conductance		877		umhos/cm	Field Sampling
Turbidity		1.21		NTU	Field Sampling
Bromide		0.65	0.050	mg/L	300.0
Chloride		200	2.5	mg/L	300.0
Fluoride		0.10	0.050	mg/L	300.0
Sulfate		10	0.50	mg/L	300.0
Nitrogen, Kjeldahl		1.2	0.20	mg/L	351.2
Phosphorus		0.0048 I	0.010	mg/L	365.1
Alkalinity		160	1.0	mg/L	SM 2320B
Ammonia		0.12	0.050	mg/L	SM 4500 NH3 G
Nitrogen, Total		1.2	0.21	mg/L	Total Nitrogen
Unionized Ammonia		0.015	0.000017	mg/L	UnionizedNH3
<i>Dissolved</i>					
SiO2, Silica		4400	2500	ug/L	200.7 Rev 4.4
Dissolved Inorganic Carbon-Dissolved		39	1.0	mg/L	9060
ortho-Phosphate-Dissolved		0.0014 I	0.050	mg/L	SM 4500 P E
<i>Total Recoverable</i>					
Boron		67	50	ug/L	6010B
Calcium		82	0.50	mg/L	6010B
Potassium		5.1	1.0	mg/L	6010B
Strontium		890	5.0	ug/L	6010B
Magnesium		10	0.080	mg/L	6010B
Sodium		100	1.0	mg/L	6010B

EXECUTIVE SUMMARY - Detections

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Lab Sample ID Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
660-36118-7	070610-TPGW-8S				
Field pH		11.67		SU	Field Sampling
Field Temperature		24.99		Degrees C	Field Sampling
Oxygen, Dissolved		5.3		mg/L	Field Sampling
Specific Conductance		1140		umhos/cm	Field Sampling
Turbidity		7.50		NTU	Field Sampling
Bromide		0.22	0.050	mg/L	300.0
Chloride		34	0.50	mg/L	300.0
Fluoride		0.18	0.050	mg/L	300.0
Sulfate		36	0.50	mg/L	300.0
Alkalinity		240	1.0	mg/L	SM 2320B
Carbonate Alkalinity as CaCO3		40	1.0	mg/L	SM 2320B
Total Dissolved Solids		320	5.0	mg/L	SM 2540C
<i>Dissolved</i>					
Dissolved Inorganic Carbon-Dissolved		3.9	1.0	mg/L	9060
<i>Total Recoverable</i>					
Barium		69	I 100	ug/L	200.7 Rev 4.4
Iron		42	I V 500	ug/L	200.7 Rev 4.4
Boron		60	50	ug/L	6010B
Calcium		130	0.50	mg/L	6010B
Potassium		13	1.0	mg/L	6010B
Strontium		1000	5.0	ug/L	6010B
Magnesium		0.59	0.080	mg/L	6010B
Sodium		21	0.50	mg/L	6010B

METHOD SUMMARY

Client: Florida Power & Light Company

Job Number: 660-36118-1

Sdg Number: 36118

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	
Solids, Total Dissolved (TDS)	TAL TAM	SM SM 2540C	
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 SUMMARY

Client: Florida Power & Light Company

Job Number: 660-36118-1

Sdg Number: 36118

Description	Lab Location	Method	Preparation Method
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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.

METHOD / ANALYST SUMMARY

Client: Florida Power & Light Company

Job Number: 660-36118-1

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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 2540C	Oonnoony, Thomas	TO
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: 660-36118-1

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Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
660-36118-1	070710-TPSWC-1B	Water	07/07/2010 1215	07/08/2010 0945
660-36118-2	070710-TPSWC-1T	Water	07/07/2010 1247	07/08/2010 0945
660-36118-3	070710-TPSWC-2B	Water	07/07/2010 1355	07/08/2010 0945
660-36118-4	070710-TPSWC-2T	Water	07/07/2010 1425	07/08/2010 0945
660-36118-5	070710-TPSWC-3B	Water	07/07/2010 1525	07/08/2010 0945
660-36118-6	070710-TPSWC-3T	Water	07/07/2010 1555	07/08/2010 0945
660-36118-7	070610-TPGW-8s	Water	07/06/2010 1315	07/08/2010 0945

Analytical Data

Client: Florida Power & Light Company

Job Number: 660-36118-1

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Client Sample ID: 070710-TPSWC-1B

Lab Sample ID: 660-36118-1

Date Sampled: 07/07/2010 1215

Client Matrix: Water

Date Received: 07/08/2010 0945

200.7 Rev 4.4 Metals (ICP)-Total Recoverable

Method:	200.7 Rev 4.4	Analysis Batch: 640-70850	Instrument ID:	ICP2
Preparation:	200.7	Prep Batch: 640-70717	Lab File ID:	071310.csv
Dilution:	1.0		Initial Weight/Volume:	5.0 mL
Date Analyzed:	07/13/2010 1333		Final Weight/Volume:	50 mL
Date Prepared:	07/09/2010 1300			

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Barium	8.1	U	8.1	100
Iron	28	I V	27	500

200.7 Rev 4.4 Metals (ICP)-Dissolved

Method:	200.7 Rev 4.4	Analysis Batch: 680-174447	Instrument ID:	Varian ICP
Preparation:	N/A		Lab File ID:	E07162010_SI.csv
Dilution:	5.0		Initial Weight/Volume:	
Date Analyzed:	07/16/2010 1343		Final Weight/Volume:	50 mL
Date Prepared:				

Analyte	Result (ug/L)	Qualifier	MDL	PQL
SiO ₂ , Silica	6400		250	2500

6010B Metals (ICP)-Total Recoverable

Method:	6010B	Analysis Batch: 660-98488	Instrument ID:	ICPA
Preparation:	3005A	Prep Batch: 660-98389	Lab File ID:	10H11A
Dilution:	1.0		Initial Weight/Volume:	50 mL
Date Analyzed:	08/11/2010 1519		Final Weight/Volume:	50 mL
Date Prepared:	08/10/2010 0915			

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Calcium	51		0.10	0.50
Potassium	5.4		0.19	1.0
Magnesium	8.3		0.020	0.080
Sodium	47		0.31	0.50

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Boron	72		10	50
Strontium	530		1.0	5.0

Analytical Data

Client: Florida Power & Light Company

Job Number: 660-36118-1

Sdg Number: 36118

Client Sample ID: 070710-TPSWC-1T

Lab Sample ID: 660-36118-2

Date Sampled: 07/07/2010 1247

Client Matrix: Water

Date Received: 07/08/2010 0945

200.7 Rev 4.4 Metals (ICP)-Total Recoverable

Method:	200.7 Rev 4.4	Analysis Batch: 640-70850	Instrument ID:	ICP2
Preparation:	200.7	Prep Batch: 640-70717	Lab File ID:	071310.csv
Dilution:	1.0		Initial Weight/Volume:	5.0 mL
Date Analyzed:	07/13/2010 1343		Final Weight/Volume:	50 mL
Date Prepared:	07/09/2010 1300			

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Barium	8.1	U	8.1	100
Iron	29	I V	27	500

200.7 Rev 4.4 Metals (ICP)-Dissolved

Method:	200.7 Rev 4.4	Analysis Batch: 680-174447	Instrument ID:	Varian ICP
Preparation:	N/A		Lab File ID:	E07162010_SI.csv
Dilution:	5.0		Initial Weight/Volume:	
Date Analyzed:	07/16/2010 1346		Final Weight/Volume:	50 mL
Date Prepared:				

Analyte	Result (ug/L)	Qualifier	MDL	PQL
SiO2, Silica	4000		250	2500

6010B Metals (ICP)-Total Recoverable

Method:	6010B	Analysis Batch: 660-98488	Instrument ID:	ICPA
Preparation:	3005A	Prep Batch: 660-98389	Lab File ID:	10H11A
Dilution:	1.0		Initial Weight/Volume:	50 mL
Date Analyzed:	08/11/2010 1525		Final Weight/Volume:	50 mL
Date Prepared:	08/10/2010 0915			

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Calcium	54		0.10	0.50
Potassium	5.2		0.19	1.0
Magnesium	8.4		0.020	0.080
Sodium	49		0.31	0.50

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Boron	72		10	50
Strontium	510		1.0	5.0

Analytical Data

Client: Florida Power & Light Company

Job Number: 660-36118-1

Sdg Number: 36118

Client Sample ID: 070710-TPSWC-2B

Lab Sample ID: 660-36118-3

Date Sampled: 07/07/2010 1355

Client Matrix: Water

Date Received: 07/08/2010 0945

200.7 Rev 4.4 Metals (ICP)-Total Recoverable

Method:	200.7 Rev 4.4	Analysis Batch: 640-70850	Instrument ID:	ICP2
Preparation:	200.7	Prep Batch: 640-70717	Lab File ID:	071310.csv
Dilution:	1.0		Initial Weight/Volume:	5.0 mL
Date Analyzed:	07/13/2010 1347		Final Weight/Volume:	50 mL
Date Prepared:	07/09/2010 1300			

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Barium	11	I	8.1	100
Iron	70	I V	27	500

200.7 Rev 4.4 Metals (ICP)-Dissolved

Method:	200.7 Rev 4.4	Analysis Batch: 680-174447	Instrument ID:	Varian ICP
Preparation:	N/A		Lab File ID:	E07162010_SI.csv
Dilution:	5.0		Initial Weight/Volume:	
Date Analyzed:	07/16/2010 1349		Final Weight/Volume:	50 mL
Date Prepared:				

Analyte	Result (ug/L)	Qualifier	MDL	PQL
SiO2, Silica	5000		250	2500

6010B Metals (ICP)-Total Recoverable

Method:	6010B	Analysis Batch: 660-98488	Instrument ID:	ICPA
Preparation:	3005A	Prep Batch: 660-98389	Lab File ID:	10H11A
Dilution:	1.0		Initial Weight/Volume:	50 mL
Date Analyzed:	08/11/2010 1531		Final Weight/Volume:	50 mL
Date Prepared:	08/10/2010 0915			

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Calcium	61		0.10	0.50
Potassium	5.0		0.19	1.0
Magnesium	9.3		0.020	0.080
Sodium	67		0.31	0.50

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Boron	71		10	50
Strontium	650		1.0	5.0

Analytical Data

Client: Florida Power & Light Company

Job Number: 660-36118-1

Sdg Number: 36118

Client Sample ID: 070710-TPSWC-2T

Lab Sample ID: 660-36118-4

Date Sampled: 07/07/2010 1425

Client Matrix: Water

Date Received: 07/08/2010 0945

200.7 Rev 4.4 Metals (ICP)-Total Recoverable

Method:	200.7 Rev 4.4	Analysis Batch: 640-70850	Instrument ID:	ICP2
Preparation:	200.7	Prep Batch: 640-70717	Lab File ID:	071310.csv
Dilution:	1.0		Initial Weight/Volume:	5.0 mL
Date Analyzed:	07/13/2010 1350		Final Weight/Volume:	50 mL
Date Prepared:	07/09/2010 1300			

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Barium	8.1	U	8.1	100
Iron	34	I V	27	500

200.7 Rev 4.4 Metals (ICP)-Dissolved

Method:	200.7 Rev 4.4	Analysis Batch: 680-174447	Instrument ID:	Varian ICP
Preparation:	N/A		Lab File ID:	E07162010_SI.csv
Dilution:	5.0		Initial Weight/Volume:	
Date Analyzed:	07/16/2010 1352		Final Weight/Volume:	50 mL
Date Prepared:				

Analyte	Result (ug/L)	Qualifier	MDL	PQL
SiO ₂ , Silica	4700		250	2500

6010B Metals (ICP)-Total Recoverable

Method:	6010B	Analysis Batch: 660-98488	Instrument ID:	ICPA
Preparation:	3005A	Prep Batch: 660-98389	Lab File ID:	10H11A
Dilution:	1.0		Initial Weight/Volume:	50 mL
Date Analyzed:	08/11/2010 1553		Final Weight/Volume:	50 mL
Date Prepared:	08/10/2010 0915			

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Calcium	57		0.10	0.50
Potassium	5.0		0.19	1.0
Magnesium	9.3		0.020	0.080
Sodium	68		0.31	0.50

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Boron	69		10	50
Strontium	610		1.0	5.0

Analytical Data

Client: Florida Power & Light Company

Job Number: 660-36118-1

Sdg Number: 36118

Client Sample ID: 070710-TPSWC-3B

Lab Sample ID: 660-36118-5

Date Sampled: 07/07/2010 1525

Client Matrix: Water

Date Received: 07/08/2010 0945

200.7 Rev 4.4 Metals (ICP)-Total Recoverable

Method:	200.7 Rev 4.4	Analysis Batch: 640-70850	Instrument ID:	ICP2
Preparation:	200.7	Prep Batch: 640-70717	Lab File ID:	071310.csv
Dilution:	1.0		Initial Weight/Volume:	5.0 mL
Date Analyzed:	07/13/2010 1354		Final Weight/Volume:	50 mL
Date Prepared:	07/09/2010 1300			

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Barium	13	I	8.1	100
Iron	34	I V	27	500

200.7 Rev 4.4 Metals (ICP)-Dissolved

Method:	200.7 Rev 4.4	Analysis Batch: 680-174447	Instrument ID:	Varian ICP
Preparation:	N/A		Lab File ID:	E07162010_SI.csv
Dilution:	5.0		Initial Weight/Volume:	
Date Analyzed:	07/16/2010 1356		Final Weight/Volume:	50 mL
Date Prepared:				

Analyte	Result (ug/L)	Qualifier	MDL	PQL
SiO2, Silica	4200		250	2500

6010B Metals (ICP)-Total Recoverable

Method:	6010B	Analysis Batch: 660-98488	Instrument ID:	ICPA
Preparation:	3005A	Prep Batch: 660-98389	Lab File ID:	10H11A
Dilution:	1.0		Initial Weight/Volume:	50 mL
Date Analyzed:	08/11/2010 1559		Final Weight/Volume:	50 mL
Date Prepared:	08/10/2010 0915			

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Calcium	98		0.10	0.50
Potassium	5.2		0.19	1.0
Magnesium	11		0.020	0.080

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Boron	66		10	50
Strontium	990		1.0	5.0

Method:	6010B	Analysis Batch: 660-98488	Instrument ID:	ICPA
Preparation:	3005A	Prep Batch: 660-98389	Lab File ID:	10H11A
Dilution:	2.0		Initial Weight/Volume:	50 mL
Date Analyzed:	08/11/2010 1725	Run Type: DL	Final Weight/Volume:	50 mL
Date Prepared:	08/10/2010 0915			

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Sodium	120		0.62	1.0

Analytical Data

Client: Florida Power & Light Company

Job Number: 660-36118-1

Sdg Number: 36118

Client Sample ID: 070710-TPSWC-3T

Lab Sample ID: 660-36118-6

Date Sampled: 07/07/2010 1555

Client Matrix: Water

Date Received: 07/08/2010 0945

200.7 Rev 4.4 Metals (ICP)-Total Recoverable

Method:	200.7 Rev 4.4	Analysis Batch: 640-70850	Instrument ID:	ICP2
Preparation:	200.7	Prep Batch: 640-70717	Lab File ID:	071310.csv
Dilution:	1.0		Initial Weight/Volume:	5.0 mL
Date Analyzed:	07/13/2010 1357		Final Weight/Volume:	50 mL
Date Prepared:	07/09/2010 1300			

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

200.7 Rev 4.4 Metals (ICP)-Dissolved

Method:	200.7 Rev 4.4	Analysis Batch: 680-174447	Instrument ID:	Varian ICP
Preparation:	N/A		Lab File ID:	E07162010_SI.csv
Dilution:	5.0		Initial Weight/Volume:	
Date Analyzed:	07/16/2010 1359		Final Weight/Volume:	50 mL
Date Prepared:				

Analyte	Result (ug/L)	Qualifier	MDL	PQL
SiO ₂ , Silica	4400		250	2500

6010B Metals (ICP)-Total Recoverable

Method:	6010B	Analysis Batch: 660-98488	Instrument ID:	ICPA
Preparation:	3005A	Prep Batch: 660-98389	Lab File ID:	10H11A
Dilution:	1.0		Initial Weight/Volume:	50 mL
Date Analyzed:	08/11/2010 1605		Final Weight/Volume:	50 mL
Date Prepared:	08/10/2010 0915			

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Calcium	82		0.10	0.50
Potassium	5.1		0.19	1.0
Magnesium	10		0.020	0.080

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Boron	67		10	50
Strontium	890		1.0	5.0

Method:	6010B	Analysis Batch: 660-98488	Instrument ID:	ICPA
Preparation:	3005A	Prep Batch: 660-98389	Lab File ID:	10H11A
Dilution:	2.0		Initial Weight/Volume:	50 mL
Date Analyzed:	08/11/2010 1731	Run Type: DL	Final Weight/Volume:	50 mL
Date Prepared:	08/10/2010 0915			

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Sodium	100		0.62	1.0

Analytical Data

Client: Florida Power & Light Company

Job Number: 660-36118-1

Sdg Number: 36118

Client Sample ID: 070610-TPGW-8s

Lab Sample ID: 660-36118-7

Date Sampled: 07/06/2010 1315

Client Matrix: Water

Date Received: 07/08/2010 0945

200.7 Rev 4.4 Metals (ICP)-Total Recoverable

Method:	200.7 Rev 4.4	Analysis Batch: 640-70850	Instrument ID:	ICP2
Preparation:	200.7	Prep Batch: 640-70717	Lab File ID:	071310.csv
Dilution:	1.0		Initial Weight/Volume:	5.0 mL
Date Analyzed:	07/13/2010 1401		Final Weight/Volume:	50 mL
Date Prepared:	07/09/2010 1300			

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Barium	69	I	8.1	100
Iron	42	I V	27	500

6010B Metals (ICP)-Total Recoverable

Method:	6010B	Analysis Batch: 660-98488	Instrument ID:	ICPA
Preparation:	3005A	Prep Batch: 660-98389	Lab File ID:	10H11A
Dilution:	1.0		Initial Weight/Volume:	50 mL
Date Analyzed:	08/11/2010 1612		Final Weight/Volume:	50 mL
Date Prepared:	08/10/2010 0915			

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Calcium	130		0.10	0.50
Potassium	13		0.19	1.0
Magnesium	0.59		0.020	0.080
Sodium	21		0.31	0.50

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Boron	60		10	50
Strontium	1000		1.0	5.0

Analytical Data

Client: Florida Power & Light Company

Job Number: 660-36118-1

Sdg Number: 36118

General Chemistry

Client Sample ID: 070710-TPSWC-1B

Lab Sample ID: 660-36118-1

Date Sampled: 07/07/2010 1215

Client Matrix: Water

Date Received: 07/08/2010 0945

Analyte	Result	Qual	Units	MDL	PQL	Dil	Method
Bromide	0.17		mg/L	0.027	0.050	1.0	300.0
	Analysis Batch: 660-97758	Date Analyzed: 07/27/2010 0436					
Chloride	84		mg/L	1.0	2.5	5.0	300.0
Run Type: DL	Analysis Batch: 660-97758	Date Analyzed: 07/27/2010 0835					
Fluoride	0.081		mg/L	0.020	0.050	1.0	300.0
	Analysis Batch: 660-97758	Date Analyzed: 07/27/2010 0436					
Sulfate	6.5		mg/L	0.20	0.50	1.0	300.0
	Analysis Batch: 660-97758	Date Analyzed: 07/27/2010 0436					
Nitrogen, Kjeldahl	1.2		mg/L	0.050	0.20	1.0	351.2
	Analysis Batch: 660-97195	Date Analyzed: 07/14/2010 1412					
	Prep Batch: 660-97149	Date Prepared: 07/13/2010 1700					
Nitrate Nitrite as N	0.0047	U	mg/L	0.0047	0.010	1.0	353.2
	Analysis Batch: 640-71026	Date Analyzed: 07/19/2010 1002					
Phosphorus	0.0072	I	mg/L	0.0044	0.010	1.0	365.1
	Analysis Batch: 640-70805	Date Analyzed: 07/12/2010 1450					
	Prep Batch: 640-70735	Date Prepared: 07/09/2010 1628					
Ammonia	0.21		mg/L	0.026	0.050	1.0	SM 4500 NH3
	Analysis Batch: 680-175620	Date Analyzed: 07/28/2010 1655					
	Prep Batch: 680-175577	Date Prepared: 07/28/2010 1406					
ortho-Phosphate-Dissolved	0.0020	I	mg/L	0.0014	0.050	1.0	SM 4500 P E
	Analysis Batch: 640-70810	Date Analyzed: 07/09/2010 1041					
Analyte	Result	Qual	Units	PQL	PQL	Dil	Method
Dissolved Inorganic Carbon-Dissolved	34		mg/L	1.0	1.0	1.0	9060
	Analysis Batch: 680-175700	Date Analyzed: 07/29/2010 0738					
Alkalinity	140		mg/L	1.0	1.0	1.0	SM 2320B
	Analysis Batch: 660-97108	Date Analyzed: 07/12/2010 1629					
Carbonate Alkalinity as CaCO3	1.0	U	mg/L	1.0	1.0	1.0	SM 2320B
	Analysis Batch: 660-97108	Date Analyzed: 07/12/2010 1629					
Sulfide	1.0	U	mg/L	1.0	1.0	1.0	SM 4500 S2 F
	Analysis Batch: 660-97091	Date Analyzed: 07/12/2010 1130					
Nitrogen, Total	1.2		mg/L	0.21	0.21	1.0	Total Nitrogen
	Analysis Batch: 640-71048	Date Analyzed: 07/20/2010 0801					
Unionized Ammonia	0.0072		mg/L	0.000017	0.000017	1.0	UnionizedNH3
	Analysis Batch: 680-175858	Date Analyzed: 07/28/2010 1730					

Analytical Data

Client: Florida Power & Light Company

Job Number: 660-36118-1

Sdg Number: 36118

General Chemistry

Client Sample ID: 070710-TPSWC-1T

Lab Sample ID: 660-36118-2

Date Sampled: 07/07/2010 1247

Client Matrix: Water

Date Received: 07/08/2010 0945

Analyte	Result	Qual	Units	MDL	PQL	Dil	Method
Bromide	0.17		mg/L	0.027	0.050	1.0	300.0
	Analysis Batch: 660-97758	Date Analyzed: 07/27/2010 0458					
Chloride	85		mg/L	1.0	2.5	5.0	300.0
Run Type: DL	Analysis Batch: 660-97758	Date Analyzed: 07/27/2010 0856					
Fluoride	0.040	I	mg/L	0.020	0.050	1.0	300.0
	Analysis Batch: 660-97758	Date Analyzed: 07/27/2010 0458					
Sulfate	5.9		mg/L	0.20	0.50	1.0	300.0
	Analysis Batch: 660-97758	Date Analyzed: 07/27/2010 0458					
Nitrogen, Kjeldahl	1.1		mg/L	0.050	0.20	1.0	351.2
	Analysis Batch: 660-97195	Date Analyzed: 07/14/2010 1416					
	Prep Batch: 660-97149	Date Prepared: 07/13/2010 1700					
Nitrate Nitrite as N	0.0047	U	mg/L	0.0047	0.010	1.0	353.2
	Analysis Batch: 640-71026	Date Analyzed: 07/19/2010 1003					
Phosphorus	0.0044	I	mg/L	0.0044	0.010	1.0	365.1
	Analysis Batch: 640-70805	Date Analyzed: 07/12/2010 1502					
	Prep Batch: 640-70735	Date Prepared: 07/09/2010 1628					
Ammonia	0.16		mg/L	0.026	0.050	1.0	SM 4500 NH3
	Analysis Batch: 680-175620	Date Analyzed: 07/28/2010 1655					
	Prep Batch: 680-175577	Date Prepared: 07/28/2010 1406					
ortho-Phosphate-Dissolved	0.0023	I	mg/L	0.0014	0.050	1.0	SM 4500 P E
	Analysis Batch: 640-70810	Date Analyzed: 07/09/2010 1055					
Analyte	Result	Qual	Units	PQL	PQL	Dil	Method
Dissolved Inorganic Carbon-Dissolved	36		mg/L	1.0	1.0	1.0	9060
	Analysis Batch: 680-175700	Date Analyzed: 07/29/2010 0738					
Alkalinity	140		mg/L	1.0	1.0	1.0	SM 2320B
	Analysis Batch: 660-97108	Date Analyzed: 07/12/2010 1634					
Carbonate Alkalinity as CaCO3	1.0	U	mg/L	1.0	1.0	1.0	SM 2320B
	Analysis Batch: 660-97108	Date Analyzed: 07/12/2010 1634					
Sulfide	1.0	U	mg/L	1.0	1.0	1.0	SM 4500 S2 F
	Analysis Batch: 660-97091	Date Analyzed: 07/12/2010 1130					
Nitrogen, Total	1.1		mg/L	0.21	0.21	1.0	Total Nitrogen
	Analysis Batch: 640-71048	Date Analyzed: 07/20/2010 0801					
Unionized Ammonia	0.0063		mg/L	0.000017	0.000017	1.0	UnionizedNH3
	Analysis Batch: 680-175858	Date Analyzed: 07/28/2010 1730					

Analytical Data

Client: Florida Power & Light Company

Job Number: 660-36118-1

Sdg Number: 36118

General Chemistry

Client Sample ID: 070710-TPSWC-2B

Lab Sample ID: 660-36118-3

Date Sampled: 07/07/2010 1355

Client Matrix: Water

Date Received: 07/08/2010 0945

Analyte	Result	Qual	Units	MDL	PQL	Dil	Method
Bromide	0.29		mg/L	0.027	0.050	1.0	300.0
	Analysis Batch: 660-97816	Date Analyzed: 07/28/2010 0208					
Chloride	120		mg/L	2.0	5.0	10	300.0
Run Type: DL	Analysis Batch: 660-97758	Date Analyzed: 07/27/2010 0918					
Fluoride	0.040	I	mg/L	0.020	0.050	1.0	300.0
	Analysis Batch: 660-97816	Date Analyzed: 07/28/2010 0208					
Sulfate	5.1		mg/L	0.20	0.50	1.0	300.0
	Analysis Batch: 660-97816	Date Analyzed: 07/28/2010 0208					
Nitrogen, Kjeldahl	1.4		mg/L	0.050	0.20	1.0	351.2
	Analysis Batch: 660-97195	Date Analyzed: 07/14/2010 1419					
	Prep Batch: 660-97149	Date Prepared: 07/13/2010 1700					
Nitrate Nitrite as N	0.0047	U	mg/L	0.0047	0.010	1.0	353.2
	Analysis Batch: 640-71026	Date Analyzed: 07/19/2010 1007					
Phosphorus	0.0065	I	mg/L	0.0044	0.010	1.0	365.1
	Analysis Batch: 640-70805	Date Analyzed: 07/12/2010 1503					
	Prep Batch: 640-70735	Date Prepared: 07/09/2010 1628					
Ammonia	0.20		mg/L	0.026	0.050	1.0	SM 4500 NH3
	Analysis Batch: 680-175620	Date Analyzed: 07/28/2010 1655					
	Prep Batch: 680-175577	Date Prepared: 07/28/2010 1406					
ortho-Phosphate-Dissolved	0.0026	I	mg/L	0.0014	0.050	1.0	SM 4500 P E
	Analysis Batch: 640-70810	Date Analyzed: 07/09/2010 1057					
Analyte	Result	Qual	Units	PQL	PQL	Dil	Method
Dissolved Inorganic Carbon-Dissolved	33		mg/L	1.0	1.0	1.0	9060
	Analysis Batch: 680-175700	Date Analyzed: 07/29/2010 0738					
Alkalinity	130		mg/L	1.0	1.0	1.0	SM 2320B
	Analysis Batch: 660-97108	Date Analyzed: 07/12/2010 1641					
Carbonate Alkalinity as CaCO3	1.0	U	mg/L	1.0	1.0	1.0	SM 2320B
	Analysis Batch: 660-97108	Date Analyzed: 07/12/2010 1641					
Sulfide	1.0	U	mg/L	1.0	1.0	1.0	SM 4500 S2 F
	Analysis Batch: 660-97091	Date Analyzed: 07/12/2010 1130					
Nitrogen, Total	1.4		mg/L	0.21	0.21	1.0	Total Nitrogen
	Analysis Batch: 640-71048	Date Analyzed: 07/20/2010 0801					
Unionized Ammonia	0.012		mg/L	0.000017	0.000017	1.0	UnionizedNH3
	Analysis Batch: 680-175858	Date Analyzed: 07/28/2010 1730					

Analytical Data

Client: Florida Power & Light Company

Job Number: 660-36118-1

Sdg Number: 36118

General Chemistry

Client Sample ID: 070710-TPSWC-2T

Lab Sample ID: 660-36118-4

Date Sampled: 07/07/2010 1425

Client Matrix: Water

Date Received: 07/08/2010 0945

Analyte	Result	Qual	Units	MDL	PQL	Dil	Method
Bromide	0.29		mg/L	0.027	0.050	1.0	300.0
	Analysis Batch: 660-97758	Date Analyzed: 07/27/2010 0813					
Chloride	130		mg/L	1.0	2.5	5.0	300.0
Run Type: DL	Analysis Batch: 660-97758	Date Analyzed: 07/27/2010 0940					
Fluoride	0.075		mg/L	0.020	0.050	1.0	300.0
	Analysis Batch: 660-97758	Date Analyzed: 07/27/2010 0813					
Sulfate	4.7		mg/L	0.20	0.50	1.0	300.0
	Analysis Batch: 660-97758	Date Analyzed: 07/27/2010 0813					
Nitrogen, Kjeldahl	1.3		mg/L	0.050	0.20	1.0	351.2
	Analysis Batch: 660-97195	Date Analyzed: 07/14/2010 1421					
	Prep Batch: 660-97149	Date Prepared: 07/13/2010 1700					
Nitrate Nitrite as N	0.0047	U	mg/L	0.0047	0.010	1.0	353.2
	Analysis Batch: 640-71026	Date Analyzed: 07/19/2010 1008					
Phosphorus	0.0044	U	mg/L	0.0044	0.010	1.0	365.1
	Analysis Batch: 640-70805	Date Analyzed: 07/12/2010 1505					
	Prep Batch: 640-70735	Date Prepared: 07/09/2010 1628					
Ammonia	0.22		mg/L	0.026	0.050	1.0	SM 4500 NH3
	Analysis Batch: 680-175620	Date Analyzed: 07/28/2010 1655					
	Prep Batch: 680-175577	Date Prepared: 07/28/2010 1406					
ortho-Phosphate-Dissolved	0.0018	I	mg/L	0.0014	0.050	1.0	SM 4500 P E
	Analysis Batch: 640-70810	Date Analyzed: 07/09/2010 1101					
Analyte	Result	Qual	Units	PQL	PQL	Dil	Method
Dissolved Inorganic Carbon-Dissolved	33		mg/L	1.0	1.0	1.0	9060
	Analysis Batch: 680-175700	Date Analyzed: 07/29/2010 0738					
Alkalinity	120		mg/L	1.0	1.0	1.0	SM 2320B
	Analysis Batch: 660-97108	Date Analyzed: 07/12/2010 1654					
Carbonate Alkalinity as CaCO3	1.0	U	mg/L	1.0	1.0	1.0	SM 2320B
	Analysis Batch: 660-97108	Date Analyzed: 07/12/2010 1654					
Sulfide	1.0	U	mg/L	1.0	1.0	1.0	SM 4500 S2 F
	Analysis Batch: 660-97091	Date Analyzed: 07/12/2010 1130					
Nitrogen, Total	1.3		mg/L	0.21	0.21	1.0	Total Nitrogen
	Analysis Batch: 640-71048	Date Analyzed: 07/20/2010 0801					
Unionized Ammonia	0.0094		mg/L	0.000017	0.000017	1.0	UnionizedNH3
	Analysis Batch: 680-175858	Date Analyzed: 07/28/2010 1730					

Analytical Data

Client: Florida Power & Light Company

Job Number: 660-36118-1

Sdg Number: 36118

General Chemistry

Client Sample ID: 070710-TPSWC-3B

Lab Sample ID: 660-36118-5

Date Sampled: 07/07/2010 1525

Client Matrix: Water

Date Received: 07/08/2010 0945

Analyte	Result	Qual	Units	MDL	PQL	Dil	Method
Bromide	0.81		mg/L	0.027	0.050	1.0	300.0
	Analysis Batch: 660-97816	Date Analyzed: 07/28/2010 0229					
Chloride	250		mg/L	1.0	2.5	5.0	300.0
Run Type: DL	Analysis Batch: 660-97758	Date Analyzed: 07/27/2010 1001					
Fluoride	0.068		mg/L	0.020	0.050	1.0	300.0
	Analysis Batch: 660-97816	Date Analyzed: 07/28/2010 0229					
Sulfate	14		mg/L	0.20	0.50	1.0	300.0
	Analysis Batch: 660-97816	Date Analyzed: 07/28/2010 0229					
Nitrogen, Kjeldahl	1.1		mg/L	0.050	0.20	1.0	351.2
	Analysis Batch: 660-97195	Date Analyzed: 07/14/2010 1422					
	Prep Batch: 660-97149	Date Prepared: 07/13/2010 1700					
Nitrate Nitrite as N	0.0047	U	mg/L	0.0047	0.010	1.0	353.2
	Analysis Batch: 640-71026	Date Analyzed: 07/19/2010 1010					
Phosphorus	0.0046	I	mg/L	0.0044	0.010	1.0	365.1
	Analysis Batch: 640-70805	Date Analyzed: 07/12/2010 1506					
	Prep Batch: 640-70735	Date Prepared: 07/09/2010 1628					
Ammonia	0.17		mg/L	0.026	0.050	1.0	SM 4500 NH3
	Analysis Batch: 680-175620	Date Analyzed: 07/28/2010 1655					
	Prep Batch: 680-175577	Date Prepared: 07/28/2010 1406					
ortho-Phosphate-Dissolved	0.0018	I	mg/L	0.0014	0.050	1.0	SM 4500 P E
	Analysis Batch: 640-70810	Date Analyzed: 07/09/2010 1102					
Analyte	Result	Qual	Units	PQL	PQL	Dil	Method
Dissolved Inorganic Carbon-Dissolved	44		mg/L	1.0	1.0	1.0	9060
	Analysis Batch: 680-175700	Date Analyzed: 07/29/2010 0738					
Alkalinity	180		mg/L	1.0	1.0	1.0	SM 2320B
	Analysis Batch: 660-97108	Date Analyzed: 07/12/2010 1700					
Carbonate Alkalinity as CaCO3	1.0	U	mg/L	1.0	1.0	1.0	SM 2320B
	Analysis Batch: 660-97108	Date Analyzed: 07/12/2010 1700					
Sulfide	1.0	U	mg/L	1.0	1.0	1.0	SM 4500 S2 F
	Analysis Batch: 660-97091	Date Analyzed: 07/12/2010 1130					
Nitrogen, Total	1.1		mg/L	0.21	0.21	1.0	Total Nitrogen
	Analysis Batch: 640-71048	Date Analyzed: 07/20/2010 0801					
Unionized Ammonia	0.0066		mg/L	0.000017	0.000017	1.0	UnionizedNH3
	Analysis Batch: 680-175858	Date Analyzed: 07/28/2010 1730					

Analytical Data

Client: Florida Power & Light Company

Job Number: 660-36118-1

Sdg Number: 36118

General Chemistry

Client Sample ID: 070710-TPSWC-3T

Lab Sample ID: 660-36118-6

Date Sampled: 07/07/2010 1555

Client Matrix: Water

Date Received: 07/08/2010 0945

Analyte	Result	Qual	Units	MDL	PQL	Dil	Method
Bromide	0.65		mg/L	0.027	0.050	1.0	300.0
	Analysis Batch: 660-97816	Date Analyzed: 07/28/2010 0251					
Chloride	200		mg/L	1.0	2.5	5.0	300.0
Run Type: DL	Analysis Batch: 660-97758	Date Analyzed: 07/27/2010 1023					
Fluoride	0.10		mg/L	0.020	0.050	1.0	300.0
	Analysis Batch: 660-97816	Date Analyzed: 07/28/2010 0251					
Sulfate	10		mg/L	0.20	0.50	1.0	300.0
	Analysis Batch: 660-97816	Date Analyzed: 07/28/2010 0251					
Nitrogen, Kjeldahl	1.2		mg/L	0.050	0.20	1.0	351.2
	Analysis Batch: 660-97195	Date Analyzed: 07/14/2010 1423					
	Prep Batch: 660-97149	Date Prepared: 07/13/2010 1700					
Nitrate Nitrite as N	0.0047	U	mg/L	0.0047	0.010	1.0	353.2
	Analysis Batch: 640-71026	Date Analyzed: 07/19/2010 1011					
Phosphorus	0.0048	I	mg/L	0.0044	0.010	1.0	365.1
	Analysis Batch: 640-70805	Date Analyzed: 07/12/2010 1508					
	Prep Batch: 640-70735	Date Prepared: 07/09/2010 1628					
Ammonia	0.12		mg/L	0.026	0.050	1.0	SM 4500 NH3
	Analysis Batch: 680-175620	Date Analyzed: 07/28/2010 1655					
	Prep Batch: 680-175577	Date Prepared: 07/28/2010 1406					
ortho-Phosphate-Dissolved	0.0014	I	mg/L	0.0014	0.050	1.0	SM 4500 P E
	Analysis Batch: 640-70810	Date Analyzed: 07/09/2010 1103					
Analyte	Result	Qual	Units	PQL	PQL	Dil	Method
Dissolved Inorganic Carbon-Dissolved	39		mg/L	1.0	1.0	1.0	9060
	Analysis Batch: 680-175700	Date Analyzed: 07/29/2010 0738					
Alkalinity	160		mg/L	1.0	1.0	1.0	SM 2320B
	Analysis Batch: 660-97108	Date Analyzed: 07/12/2010 1708					
Carbonate Alkalinity as CaCO3	1.0	U	mg/L	1.0	1.0	1.0	SM 2320B
	Analysis Batch: 660-97108	Date Analyzed: 07/12/2010 1708					
Sulfide	1.0	U	mg/L	1.0	1.0	1.0	SM 4500 S2 F
	Analysis Batch: 660-97091	Date Analyzed: 07/12/2010 1130					
Nitrogen, Total	1.2		mg/L	0.21	0.21	1.0	Total Nitrogen
	Analysis Batch: 640-71048	Date Analyzed: 07/20/2010 0801					
Unionized Ammonia	0.015		mg/L	0.000017	0.000017	1.0	UnionizedNH3
	Analysis Batch: 680-175858	Date Analyzed: 07/28/2010 1730					

Analytical Data

Client: Florida Power & Light Company

Job Number: 660-36118-1

Sdg Number: 36118

General Chemistry**Client Sample ID: 070610-TPGW-8s**

Lab Sample ID: 660-36118-7

Date Sampled: 07/06/2010 1315

Client Matrix: Water

Date Received: 07/08/2010 0945

Analyte	Result	Qual	Units	MDL	PQL	Dil	Method
Bromide	0.22		mg/L	0.027	0.050	1.0	300.0
	Analysis Batch: 660-97758	Date Analyzed: 07/27/2010 0415					
Chloride	34		mg/L	0.20	0.50	1.0	300.0
	Analysis Batch: 660-97758	Date Analyzed: 07/27/2010 0415					
Fluoride	0.18		mg/L	0.020	0.050	1.0	300.0
	Analysis Batch: 660-97758	Date Analyzed: 07/27/2010 0415					
Sulfate	36		mg/L	0.20	0.50	1.0	300.0
	Analysis Batch: 660-97758	Date Analyzed: 07/27/2010 0415					
Analyte	Result	Qual	Units	PQL	PQL	Dil	Method
Dissolved Inorganic Carbon-Dissolved	3.9		mg/L	1.0	1.0	1.0	9060
	Analysis Batch: 680-175700	Date Analyzed: 07/29/2010 0738					
Alkalinity	240		mg/L	1.0	1.0	1.0	SM 2320B
	Analysis Batch: 660-97108	Date Analyzed: 07/12/2010 1715					
Carbonate Alkalinity as CaCO3	40		mg/L	1.0	1.0	1.0	SM 2320B
	Analysis Batch: 660-97108	Date Analyzed: 07/12/2010 1715					
Total Dissolved Solids	320		mg/L	5.0	5.0	1.0	SM 2540C
	Analysis Batch: 660-97067	Date Analyzed: 07/12/2010 1137					
Sulfide	1.0	U	mg/L	1.0	1.0	1.0	SM 4500 S2 F
	Analysis Batch: 660-97091	Date Analyzed: 07/12/2010 1130					

Analytical Data

Client: Florida Power & Light Company

Job Number: 660-36118-1

Sdg Number: 36118

Field Service / Mobile Lab**Client Sample ID: 070710-TPSWC-1B**

Lab Sample ID: 660-36118-1

Date Sampled: 07/07/2010 1215

Client Matrix: Water

Date Received: 07/08/2010 0945

Analyte	Result	Qual	Units	Dil	Method	Analysis Batch	Date Analyzed Date Prepared
Field pH	7.59		SU	1.0	Field Sampling	660-97577	07/07/2010 1215
Field Temperature	28.89		Degrees C	1.0	Field Sampling	660-97577	07/07/2010 1215
Oxygen, Dissolved	5.54		mg/L	1.0	Field Sampling	660-97577	07/07/2010 1215
Specific Conductance	470		umhos/cm	1.0	Field Sampling	660-97577	07/07/2010 1215
Turbidity	1.19		NTU	1.0	Field Sampling	660-97577	07/07/2010 1215

Analytical Data

Client: Florida Power & Light Company

Job Number: 660-36118-1

Sdg Number: 36118

Field Service / Mobile Lab**Client Sample ID:** 070710-TPSWC-1T

Lab Sample ID: 660-36118-2

Date Sampled: 07/07/2010 1247

Client Matrix: Water

Date Received: 07/08/2010 0945

Analyte	Result	Qual	Units	Dil	Method	Analysis Batch	Date Analyzed Date Prepared
Field pH	7.6		SU	1.0	Field Sampling	660-97577	07/07/2010 1247
Field Temperature	30.53		Degrees C	1.0	Field Sampling	660-97577	07/07/2010 1247
Oxygen, Dissolved	4.59		mg/L	1.0	Field Sampling	660-97577	07/07/2010 1247
Specific Conductance	512		umhos/cm	1.0	Field Sampling	660-97577	07/07/2010 1247
Turbidity	1.17		NTU	1.0	Field Sampling	660-97577	07/07/2010 1247

Analytical Data

Client: Florida Power & Light Company

Job Number: 660-36118-1

Sdg Number: 36118

Field Service / Mobile Lab**Client Sample ID: 070710-TPSWC-2B**

Lab Sample ID: 660-36118-3

Date Sampled: 07/07/2010 1355

Client Matrix: Water

Date Received: 07/08/2010 0945

Analyte	Result	Qual	Units	Dil	Method	Analysis Batch	Date Analyzed Date Prepared
Field pH	7.82		SU	1.0	Field Sampling	660-97577	07/07/2010 1355
Field Temperature	30.25		Degrees C	1.0	Field Sampling	660-97577	07/07/2010 1355
Oxygen, Dissolved	5.28		mg/L	1.0	Field Sampling	660-97577	07/07/2010 1355
Specific Conductance	596		umhos/cm	1.0	Field Sampling	660-97577	07/07/2010 1355
Turbidity	7.12		NTU	1.0	Field Sampling	660-97577	07/07/2010 1355

Analytical Data

Client: Florida Power & Light Company

Job Number: 660-36118-1

Sdg Number: 36118

Field Service / Mobile Lab**Client Sample ID:** 070710-TPSWC-2T

Lab Sample ID: 660-36118-4

Date Sampled: 07/07/2010 1425

Client Matrix: Water

Date Received: 07/08/2010 0945

Analyte	Result	Qual	Units	Dil	Method	Analysis Batch	Date Analyzed Date Prepared
Field pH	7.93		SU	1.0	Field Sampling	660-97577	07/07/2010 1425
Field Temperature	31.96		Degrees C	1.0	Field Sampling	660-97577	07/07/2010 1425
Oxygen, Dissolved	6.61		mg/L	1.0	Field Sampling	660-97577	07/07/2010 1425
Specific Conductance	597		umhos/cm	1.0	Field Sampling	660-97577	07/07/2010 1425
Turbidity	1.79		NTU	1.0	Field Sampling	660-97577	07/07/2010 1425

Analytical Data

Client: Florida Power & Light Company

Job Number: 660-36118-1

Sdg Number: 36118

Field Service / Mobile Lab**Client Sample ID: 070710-TPSWC-3B**

Lab Sample ID: 660-36118-5

Date Sampled: 07/07/2010 1525

Client Matrix: Water

Date Received: 07/08/2010 0945

Analyte	Result	Qual	Units	Dil	Method	Analysis Batch	Date Analyzed Date Prepared
Field pH	7.6		SU	1.0	Field Sampling	660-97577	07/07/2010 1525
Field Temperature	30.54		Degrees C	1.0	Field Sampling	660-97577	07/07/2010 1525
Oxygen, Dissolved	5.77		mg/L	1.0	Field Sampling	660-97577	07/07/2010 1525
Specific Conductance	1019		umhos/cm	1.0	Field Sampling	660-97577	07/07/2010 1525
Turbidity	1.55		NTU	1.0	Field Sampling	660-97577	07/07/2010 1525

Analytical Data

Client: Florida Power & Light Company

Job Number: 660-36118-1

Sdg Number: 36118

Field Service / Mobile Lab**Client Sample ID:** 070710-TPSWC-3T

Lab Sample ID: 660-36118-6

Date Sampled: 07/07/2010 1555

Client Matrix: Water

Date Received: 07/08/2010 0945

Analyte	Result	Qual	Units	Dil	Method	Analysis Batch	Date Analyzed Date Prepared
Field pH	8.08		SU	1.0	Field Sampling	660-97577	07/07/2010 1555
Field Temperature	32.58		Degrees C	1.0	Field Sampling	660-97577	07/07/2010 1555
Oxygen, Dissolved	8.04		mg/L	1.0	Field Sampling	660-97577	07/07/2010 1555
Specific Conductance	877		umhos/cm	1.0	Field Sampling	660-97577	07/07/2010 1555
Turbidity	1.21		NTU	1.0	Field Sampling	660-97577	07/07/2010 1555

Analytical Data

Client: Florida Power & Light Company

Job Number: 660-36118-1

Sdg Number: 36118

Field Service / Mobile Lab**Client Sample ID:** 070610-TPGW-8s

Lab Sample ID: 660-36118-7

Date Sampled: 07/06/2010 1315

Client Matrix: Water

Date Received: 07/08/2010 0945

Analyte	Result	Qual	Units	Dil	Method	Analysis Batch	Date Analyzed Date Prepared
Field pH	11.67		SU	1.0	Field Sampling	660-97577	07/06/2010 1315
Field Temperature	24.99		Degrees C	1.0	Field Sampling	660-97577	07/06/2010 1315
Oxygen, Dissolved	5.3		mg/L	1.0	Field Sampling	660-97577	07/06/2010 1315
Specific Conductance	1140		umhos/cm	1.0	Field Sampling	660-97577	07/06/2010 1315
Turbidity	7.50		NTU	1.0	Field Sampling	660-97577	07/06/2010 1315

DATA REPORTING QUALIFIERS

Client: Florida Power & Light Company

Job Number: 660-36118-1

Sdg Number: 36118

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.
	V	Indicates the analyte was detected in both the sample and the associated method blank.
	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: 660-36118-1

Sdg Number: 36118

Method Blank - Batch: 680-174447

Method: 200.7 Rev 4.4

Preparation: N/A

Lab Sample ID: MB 680-174453/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 07/16/2010 1302
Date Prepared: N/A

Analysis Batch: 680-174447
Prep Batch: N/A
Units: ug/L

Instrument ID: Varian ICP
Lab File ID: E07162010_SI.csv
Initial Weight/Volume:
Final Weight/Volume: 50 mL

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

Lab Control Sample - Batch: 680-174447

Method: 200.7 Rev 4.4

Preparation: N/A

Lab Sample ID: LCS 680-174453/2-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 07/16/2010 1305
Date Prepared: N/A

Analysis Batch: 680-174447
Prep Batch: N/A
Units: ug/L

Instrument ID: Varian ICP
Lab File ID: E07162010_SI.csv
Initial Weight/Volume:
Final Weight/Volume: 50 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
SiO2, Silica	10000	9080	91	85 - 115	

Matrix Spike/

Matrix Spike Duplicate Recovery Report - Batch: 680-174447

Method: 200.7 Rev 4.4

Preparation: N/A

MS Lab Sample ID: 600-26542-C-1-B MS
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 07/16/2010 1317
Date Prepared: N/A

Analysis Batch: 680-174447
Prep Batch: N/A

Instrument ID: Varian ICP
Lab File ID: E07162010_SI.csv
Initial Weight/Volume:
Final Weight/Volume: 50 mL

MSD Lab Sample ID: 600-26542-C-1-C MSD
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 07/16/2010 1320
Date Prepared: N/A

Analysis Batch: 680-174447
Prep Batch: N/A

Instrument ID: Varian ICP
Lab File ID: E07162010_SI.csv
Initial Weight/Volume:
Final Weight/Volume: 50 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
SiO2, Silica	88	87	75 - 125	0	20		

Quality Control Results

Client: Florida Power & Light Company

Job Number: 660-36118-1

Sdg Number: 36118

Method Blank - Batch: 640-70717

Lab Sample ID: MB 640-70717/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 07/13/2010 1244
Date Prepared: 07/09/2010 1300

Analysis Batch: 640-70850
Prep Batch: 640-70717
Units: ug/L

Method: 200.7 Rev 4.4

Preparation: 200.7

Total Recoverable

Instrument ID: ICP2
Lab File ID: 071310.csv
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result	Qual	MDL	PQL
Barium	0.81	U	0.81	10
Iron	7.75	I	2.7	50

Lab Control Sample/

Lab Control Sample Duplicate Recovery Report - Batch: 640-70717

Method: 200.7 Rev 4.4

Preparation: 200.7

Total Recoverable

LCS Lab Sample ID: LCS 640-70717/2-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 07/13/2010 1248
Date Prepared: 07/09/2010 1300

Analysis Batch: 640-70850
Prep Batch: 640-70717
Units: ug/L

Instrument ID: ICP2
Lab File ID: 071310.csv
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

LCSD Lab Sample ID: LCSD 640-70717/3-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 07/13/2010 1251
Date Prepared: 07/09/2010 1300

Analysis Batch: 640-70850
Prep Batch: 640-70717
Units: ug/L

Instrument ID: ICP2
Lab File ID: 071310.csv
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
Barium	101	100	85 - 115	1	20		
Iron	102	102	85 - 115	1	20		

Quality Control Results

Client: Florida Power & Light Company

Job Number: 660-36118-1

Sdg Number: 36118

Matrix Spike/

Matrix Spike Duplicate Recovery Report - Batch: 640-70717

Method: 200.7 Rev 4.4

Preparation: 200.7

Total Recoverable

MS Lab Sample ID: 660-36059-B-1-B MS
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 07/13/2010 1305
Date Prepared: 07/09/2010 1300

Analysis Batch: 640-70850
Prep Batch: 640-70717

Instrument ID: ICP2
Lab File ID: 071310.csv
Initial Weight/Volume: 5.0 mL
Final Weight/Volume: 50 mL

MSD Lab Sample ID: 660-36059-B-1-C MSD
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 07/13/2010 1309
Date Prepared: 07/09/2010 1300

Analysis Batch: 640-70850
Prep Batch: 640-70717

Instrument ID: ICP2
Lab File ID: 071310.csv
Initial Weight/Volume: 5.0 mL
Final Weight/Volume: 50 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Barium	100	98	70 - 130	2	20		
Iron	101	99	70 - 130	2	20		

Duplicate - Batch: 640-70717

Method: 200.7 Rev 4.4

Preparation: 200.7

Total Recoverable

Lab Sample ID: 660-36059-B-2-B DU
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 07/13/2010 1323
Date Prepared: 07/09/2010 1300

Analysis Batch: 640-70850
Prep Batch: 640-70717
Units: ug/L

Instrument ID: ICP2
Lab File ID: 071310.csv
Initial Weight/Volume: 5.0 mL
Final Weight/Volume: 50 mL

Analyte	Sample Result/Qual		Result	RPD	Limit	Qual
Barium	8.1	U	8.1	NC	20	U
Iron	37	I	41.1	10	20	I

Quality Control Results

Client: Florida Power & Light Company

Job Number: 660-36118-1

Sdg Number: 36118

Method Blank - Batch: 660-98389

Lab Sample ID: MB 660-98389/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/11/2010 1322
Date Prepared: 08/10/2010 0915

Analysis Batch: 660-98488
Prep Batch: 660-98389
Units: mg/L

Method: 6010B Preparation: 3005A Total Recoverable

Instrument ID: ICPA
Lab File ID: 10H11A
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: 660-98389

Lab Sample ID: MB 660-98389/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/11/2010 1322
Date Prepared: 08/10/2010 0915

Analysis Batch: 660-98488
Prep Batch: 660-98389
Units: ug/L

Method: 6010B Preparation: 3005A Total Recoverable

Instrument ID: ICPA
Lab File ID: 10H11A
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: 660-36118-1

Sdg Number: 36118

Lab Control Sample - Batch: 660-98389

Method: 6010B
Preparation: 3005A
Total Recoverable

Lab Sample ID: LCS 660-98389/2-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/11/2010 1328
Date Prepared: 08/10/2010 0915

Analysis Batch: 660-98488
Prep Batch: 660-98389
Units: mg/L

Instrument ID: ICPA
Lab File ID: 10H11A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Calcium	1.00	1.06	106	75 - 125	
Potassium	10.0	9.87	99	75 - 125	
Magnesium	1.00	1.01	101	75 - 125	
Sodium	10.0	10.1	101	75 - 125	

Lab Control Sample - Batch: 660-98389

Method: 6010B
Preparation: 3005A
Total Recoverable

Lab Sample ID: LCS 660-98389/2-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/11/2010 1328
Date Prepared: 08/10/2010 0915

Analysis Batch: 660-98488
Prep Batch: 660-98389
Units: ug/L

Instrument ID: ICPA
Lab File ID: 10H11A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Boron	1000	988	99	75 - 125	
Strontium	1000	1040	104	75 - 125	

Quality Control Results

Client: Florida Power & Light Company

Job Number: 660-36118-1

Sdg Number: 36118

Matrix Spike/

Matrix Spike Duplicate Recovery Report - Batch: 660-98389

Method: 6010B

Preparation: 3005A

Total Recoverable

MS Lab Sample ID: 660-36577-B-2-D MS
Client Matrix: Water
Dilution: 5.0
Date Analyzed: 08/11/2010 1347
Date Prepared: 08/10/2010 0915

Analysis Batch: 660-98488
Prep Batch: 660-98389
Run Type: DL

Instrument ID: ICPA
Lab File ID: 10H11A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

MSD Lab Sample ID: 660-36577-B-2-E MSD
Client Matrix: Water
Dilution: 5.0
Date Analyzed: 08/11/2010 1353
Date Prepared: 08/10/2010 0915

Analysis Batch: 660-98488
Prep Batch: 660-98389
Run Type: DL

Instrument ID: ICPA
Lab File ID: 10H11A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Calcium	760	-183	75 - 125	2	20	J3	J3
Potassium	374	376	75 - 125	0	20	J3	J3
Magnesium	3200	-217	75 - 125	2	20	J3	J3
Sodium	-63	-710	75 - 125	0	20	J3	J3

Matrix Spike/

Matrix Spike Duplicate Recovery Report - Batch: 660-98389

Method: 6010B

Preparation: 3005A

Total Recoverable

MS Lab Sample ID: 660-36577-B-2-D MS
Client Matrix: Water
Dilution: 5.0
Date Analyzed: 08/11/2010 1347
Date Prepared: 08/10/2010 0915

Analysis Batch: 660-98488
Prep Batch: 660-98389
Run Type: DL

Instrument ID: ICPA
Lab File ID: 10H11A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

MSD Lab Sample ID: 660-36577-B-2-E MSD
Client Matrix: Water
Dilution: 5.0
Date Analyzed: 08/11/2010 1353
Date Prepared: 08/10/2010 0915

Analysis Batch: 660-98488
Prep Batch: 660-98389
Run Type: DL

Instrument ID: ICPA
Lab File ID: 10H11A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Boron	117	109	75 - 125	1	20		
Strontium	114	108	75 - 125	1	20		

Quality Control Results

Client: Florida Power & Light Company

Job Number: 660-36118-1

Sdg Number: 36118

Method Blank - Batch: 660-97758

Method: 300.0

Preparation: N/A

Lab Sample ID: MB 660-97758/10

Client Matrix: Water

Dilution: 1.0

Date Analyzed: 07/27/2010 0016

Date Prepared: N/A

Analysis Batch: 660-97758

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
Fluoride	0.020	U	0.020	0.050
Sulfate	0.20	U	0.20	0.50

Lab Control Sample - Batch: 660-97758

Method: 300.0

Preparation: N/A

Lab Sample ID: LCS 660-97758/11

Client Matrix: Water

Dilution: 1.0

Date Analyzed: 07/27/2010 0038

Date Prepared: N/A

Analysis Batch: 660-97758

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	1.03	103	90 - 110	
Chloride	10.0	9.96	100	90 - 110	
Fluoride	1.00	1.03	103	90 - 110	
Sulfate	10.0	10.8	108	90 - 110	

Quality Control Results

Client: Florida Power & Light Company

Job Number: 660-36118-1

Sdg Number: 36118

Matrix Spike/

Matrix Spike Duplicate Recovery Report - Batch: 660-97758

Method: 300.0

Preparation: N/A

MS Lab Sample ID: 660-36343-J-3 MS ^10
Client Matrix: Water
Dilution: 10
Date Analyzed: 07/27/2010 0226
Date Prepared: N/A

Analysis Batch: 660-97758
Prep Batch: N/A

Instrument ID: DIONEX2
Lab File ID: 16.0000.TXT
Initial Weight/Volume:
Final Weight/Volume: 50 mL

MSD Lab Sample ID: 660-36343-J-3 MSD ^10
Client Matrix: Water
Dilution: 10
Date Analyzed: 07/27/2010 0248
Date Prepared: N/A

Analysis Batch: 660-97758
Prep Batch: N/A

Instrument ID: DIONEX2
Lab File ID: 17.0000.TXT
Initial Weight/Volume:
Final Weight/Volume: 50 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Bromide	106	105	90 - 110	1	30		
Chloride	105	103	90 - 110	1	30		
Fluoride	108	108	90 - 110	0	30		
Sulfate	108	106	90 - 110	1	30		

Matrix Spike/

Matrix Spike Duplicate Recovery Report - Batch: 660-97758

Method: 300.0

Preparation: N/A

MS Lab Sample ID: 660-36235-A-12 MS
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 07/27/2010 0730
Date Prepared: N/A

Analysis Batch: 660-97758
Prep Batch: N/A

Instrument ID: DIONEX2
Lab File ID: 30.0000.TXT
Initial Weight/Volume:
Final Weight/Volume: 50 mL

MSD Lab Sample ID: 660-36235-A-12 MSD
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 07/27/2010 0751
Date Prepared: N/A

Analysis Batch: 660-97758
Prep Batch: N/A

Instrument ID: DIONEX2
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	103	103	90 - 110	0	30		
Chloride	99	99	90 - 110	0	30		
Fluoride	95	98	90 - 110	3	30		
Sulfate	105	104	90 - 110	0	30		

Quality Control Results

Client: Florida Power & Light Company

Job Number: 660-36118-1

Sdg Number: 36118

Method Blank - Batch: 660-97816

Method: 300.0

Preparation: N/A

Lab Sample ID: MB 660-97816/10

Client Matrix: Water

Dilution: 1.0

Date Analyzed: 07/28/2010 0124

Date Prepared: N/A

Analysis Batch: 660-97816

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
Fluoride	0.020	U	0.020	0.050
Sulfate	0.20	U	0.20	0.50

Lab Control Sample - Batch: 660-97816

Method: 300.0

Preparation: N/A

Lab Sample ID: LCS 660-97816/11

Client Matrix: Water

Dilution: 1.0

Date Analyzed: 07/28/2010 0146

Date Prepared: N/A

Analysis Batch: 660-97816

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	1.04	104	90 - 110	
Fluoride	1.00	1.07	107	90 - 110	
Sulfate	10.0	10.9	109	90 - 110	

Quality Control Results

Client: Florida Power & Light Company

Job Number: 660-36118-1

Sdg Number: 36118

Matrix Spike/

Matrix Spike Duplicate Recovery Report - Batch: 660-97816

Method: 300.0

Preparation: N/A

MS Lab Sample ID: 660-36059-I-4 MS ^500
Client Matrix: Water
Dilution: 500
Date Analyzed: 07/28/2010 0606
Date Prepared: N/A

Analysis Batch: 660-97816
Prep Batch: N/A

Instrument ID: DIONEX2
Lab File ID: 23.0000.TXT
Initial Weight/Volume:
Final Weight/Volume: 50 mL

MSD Lab Sample ID: 660-36059-I-4 MSD ^500
Client Matrix: Water
Dilution: 500
Date Analyzed: 07/28/2010 0628
Date Prepared: N/A

Analysis Batch: 660-97816
Prep Batch: N/A

Instrument ID: DIONEX2
Lab File ID: 24.0000.TXT
Initial Weight/Volume:
Final Weight/Volume: 50 mL

Analyte	<u>% Rec.</u>		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Bromide	102	106	90 - 110	4	30		
Fluoride	102	104	90 - 110	2	30		
Sulfate	117	109	90 - 110	5	30	J3	

Quality Control Results

Client: Florida Power & Light Company

Job Number: 660-36118-1

Sdg Number: 36118

Method Blank - Batch: 660-97149

Method: 351.2

Preparation: 351.2

Lab Sample ID: MB 660-97149/10-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 07/14/2010 1357
Date Prepared: 07/13/2010 1700

Analysis Batch: 660-97195
Prep Batch: 660-97149
Units: mg/L

Instrument ID: LACHAT
Lab File ID: 07.14.10.TKN.2.txt
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: 660-97149

Method: 351.2

Preparation: 351.2

Lab Sample ID: LCS 660-97149/11-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 07/14/2010 1358
Date Prepared: 07/13/2010 1700

Analysis Batch: 660-97195
Prep Batch: 660-97149
Units: mg/L

Instrument ID: LACHAT
Lab File ID: 07.14.10.TKN.2.txt
Initial Weight/Volume: 20 mL
Final Weight/Volume: 20 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Nitrogen, Kjeldahl	3.00	3.09	103	90 - 110	

Matrix Spike/

Matrix Spike Duplicate Recovery Report - Batch: 660-97149

Method: 351.2

Preparation: 351.2

MS Lab Sample ID: 660-36118-2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 07/14/2010 1417
Date Prepared: 07/13/2010 1700

Analysis Batch: 660-97195
Prep Batch: 660-97149

Instrument ID: LACHAT
Lab File ID: 07.14.10.TKN.2.txt
Initial Weight/Volume: 20 mL
Final Weight/Volume: 20 mL

MSD Lab Sample ID: 660-36118-2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 07/14/2010 1418
Date Prepared: 07/13/2010 1700

Analysis Batch: 660-97195
Prep Batch: 660-97149

Instrument ID: LACHAT
Lab File ID: 07.14.10.TKN.2.txt
Initial Weight/Volume: 20 mL
Final Weight/Volume: 20 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Nitrogen, Kjeldahl	99	99	90 - 110	0	30		

Quality Control Results

Client: Florida Power & Light Company

Job Number: 660-36118-1

Sdg Number: 36118

Method Blank - Batch: 640-71026

Method: 353.2

Preparation: N/A

Lab Sample ID: MB 640-71026/1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 07/19/2010 0912
Date Prepared: N/A

Analysis Batch: 640-71026
Prep Batch: N/A
Units: mg/L

Instrument ID: ASTORIA
Lab File ID: NO2+NO3071910AGreen.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: 640-71026

Method: 353.2

Preparation: N/A

LCS Lab Sample ID: LCS 640-71026/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 07/19/2010 0915
Date Prepared: N/A

Analysis Batch: 640-71026
Prep Batch: N/A
Units: mg/L

Instrument ID: ASTORIA
Lab File ID: NO2+NO3071910AGreen.txt
Initial Weight/Volume: 25.0 mL
Final Weight/Volume: 25.0 mL

LCSD Lab Sample ID: LCSD 640-71026/4
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 07/19/2010 0916
Date Prepared: N/A

Analysis Batch: 640-71026
Prep Batch: N/A
Units: mg/L

Instrument ID: ASTORIA
Lab File ID: NO2+NO3071910AGreen.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	96	96	90 - 110	0	30		

Quality Control Results

Client: Florida Power & Light Company

Job Number: 660-36118-1

Sdg Number: 36118

Matrix Spike/

Matrix Spike Duplicate Recovery Report - Batch: 640-71026

Method: 353.2

Preparation: N/A

MS Lab Sample ID: 640-28829-B-2 MS
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 07/19/2010 0948
Date Prepared: N/A

Analysis Batch: 640-71026
Prep Batch: N/A

Instrument ID: ASTORIA
Lab File ID: NO2+NO3071910AGreen.tx
Initial Weight/Volume: 25.0 mL
Final Weight/Volume: 25.0 mL

MSD Lab Sample ID: 640-28829-B-2 MSD
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 07/19/2010 0950
Date Prepared: N/A

Analysis Batch: 640-71026
Prep Batch: N/A

Instrument ID: ASTORIA
Lab File ID: NO2+NO3071910AGreen.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	122	114	90 - 110	6	30	J3	J3

Duplicate - Batch: 640-71026

Method: 353.2

Preparation: N/A

Lab Sample ID: 640-28758-U-1 DU
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 07/19/2010 0922
Date Prepared: N/A

Analysis Batch: 640-71026
Prep Batch: N/A
Units: mg/L

Instrument ID: ASTORIA
Lab File ID: NO2+NO3071910AGreen.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: 660-36118-1

Sdg Number: 36118

Method Blank - Batch: 640-70735

Lab Sample ID: MB 640-70735/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 07/12/2010 1412
Date Prepared: 07/09/2010 1628

Analysis Batch: 640-70805
Prep Batch: 640-70735
Units: mg/L

Method: 365.1

Preparation: 365.2/365.3/365

Instrument ID: ASTORIA2
Lab File ID: TP071210A1.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: 640-70735

Method: 365.1

Preparation: 365.2/365.3/365

LCS Lab Sample ID: LCS 640-70735/2-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 07/12/2010 1414
Date Prepared: 07/09/2010 1628

Analysis Batch: 640-70805
Prep Batch: 640-70735
Units: mg/L

Instrument ID: ASTORIA2
Lab File ID: TP071210A1.txt
Initial Weight/Volume: 25.0 mL
Final Weight/Volume: 25.0 mL

LCSD Lab Sample ID: LCSD 640-70735/3-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 07/12/2010 1415
Date Prepared: 07/09/2010 1628

Analysis Batch: 640-70805
Prep Batch: 640-70735
Units: mg/L

Instrument ID: ASTORIA2
Lab File ID: TP071210A1.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	104	106	90 - 110	2	30		

Quality Control Results

Client: Florida Power & Light Company

Job Number: 660-36118-1

Sdg Number: 36118

Matrix Spike/

Matrix Spike Duplicate Recovery Report - Batch: 640-70735

Method: 365.1

Preparation: 365.2/365.3/365

MS Lab Sample ID: 660-36118-1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 07/12/2010 1451
Date Prepared: 07/09/2010 1628

Analysis Batch: 640-70805
Prep Batch: 640-70735

Instrument ID: ASTORIA2
Lab File ID: TP071210A1.txt
Initial Weight/Volume: 25.0 mL
Final Weight/Volume: 25.0 mL

MSD Lab Sample ID: 660-36118-1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 07/12/2010 1453
Date Prepared: 07/09/2010 1628

Analysis Batch: 640-70805
Prep Batch: 640-70735

Instrument ID: ASTORIA2
Lab File ID: TP071210A1.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	93	94	90 - 110	1	30		

Duplicate - Batch: 640-70735

Method: 365.1

Preparation: 365.2/365.3/365

Lab Sample ID: 640-28758-U-1-B DU
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 07/12/2010 1441
Date Prepared: 07/09/2010 1628

Analysis Batch: 640-70805
Prep Batch: 640-70735
Units: mg/L

Instrument ID: ASTORIA2
Lab File ID: TP071210A1.txt
Initial Weight/Volume: 25.0 mL
Final Weight/Volume: 25.0 mL

Analyte	Sample Result/Qual		Result	RPD	Limit	Qual
Phosphorus	0.0065	I	0.00655	1	30	I

Quality Control Results

Client: Florida Power & Light Company

Job Number: 660-36118-1

Sdg Number: 36118

Method Blank - Batch: 680-175700

Method: 9060

Preparation: N/A

Lab Sample ID: MB 680-175700/1

Analysis Batch: 680-175700

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: 07/29/2010 0738

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: 660-36118-1

Sdg Number: 36118

Method Blank - Batch: 660-97108

Method: SM 2320B

Preparation: N/A

Lab Sample ID: MB 660-97108/1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 07/12/2010 1517
Date Prepared: N/A

Analysis Batch: 660-97108
Prep Batch: N/A
Units: mg/L

Instrument ID: MANTECH
Lab File ID: 7.13.10.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: 660-97108

Method: SM 2320B

Preparation: N/A

Lab Sample ID: LCS 660-97108/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 07/12/2010 1525
Date Prepared: N/A

Analysis Batch: 660-97108
Prep Batch: N/A
Units: mg/L

Instrument ID: MANTECH
Lab File ID: 7.13.10.txt
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Alkalinity	118	120	102	80 - 120	

Duplicate - Batch: 660-97108

Method: SM 2320B

Preparation: N/A

Lab Sample ID: 660-36118-3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 07/12/2010 1647
Date Prepared: N/A

Analysis Batch: 660-97108
Prep Batch: N/A
Units: mg/L

Instrument ID: MANTECH
Lab File ID: 7.13.10.txt
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Alkalinity	130	129	0	30	
Carbonate Alkalinity as CaCO ₃	1.0 U	1.0	NC	30	U

Quality Control Results

Client: Florida Power & Light Company

Job Number: 660-36118-1

Sdg Number: 36118

Method Blank - Batch: 660-97067

Method: SM 2540C

Preparation: N/A

Lab Sample ID: MB 660-97067/1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 07/12/2010 1132
Date Prepared: N/A

Analysis Batch: 660-97067
Prep Batch: N/A
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result	Qual	PQL	PQL
Total Dissolved Solids	5.0	U	5.0	5.0

Lab Control Sample - Batch: 660-97067

Method: SM 2540C

Preparation: N/A

Lab Sample ID: LCS 660-97067/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 07/12/2010 1133
Date Prepared: N/A

Analysis Batch: 660-97067
Prep Batch: N/A
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 10 mL
Final Weight/Volume: 50 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Total Dissolved Solids	10000	9980	100	80 - 120	

Duplicate - Batch: 660-97067

Method: SM 2540C

Preparation: N/A

Lab Sample ID: 660-36103-B-2 DU
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 07/12/2010 1134
Date Prepared: N/A

Analysis Batch: 660-97067
Prep Batch: N/A
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Total Dissolved Solids	4000	4020	0	20	

Quality Control Results

Client: Florida Power & Light Company

Job Number: 660-36118-1

Sdg Number: 36118

Method Blank - Batch: 680-175577

Lab Sample ID: MB 680-175577/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 07/28/2010 1645
Date Prepared: 07/28/2010 1406

Analysis Batch: 680-175620
Prep Batch: 680-175577
Units: mg/L

Method: SM 4500 NH3 G Preparation: SM 4500 NH3 B

Instrument ID: KONELAB1
Lab File ID: KONE10728101NH3DIST.xls
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: 680-175577

Lab Sample ID: LCS 680-175577/2-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 07/28/2010 1645
Date Prepared: 07/28/2010 1406

Analysis Batch: 680-175620
Prep Batch: 680-175577
Units: mg/L

Method: SM 4500 NH3 G Preparation: SM 4500 NH3 B

Instrument ID: KONELAB1
Lab File ID: KONE10728101NH3DIST.xls
Initial Weight/Volume: 6 mL
Final Weight/Volume: 6 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Ammonia	1.00	0.924	92	90 - 110	

Matrix Spike/

Matrix Spike Duplicate Recovery Report - Batch: 680-175577

Method: SM 4500 NH3 G Preparation: SM 4500 NH3 B

MS Lab Sample ID: 660-36059-C-1-B MS
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 07/28/2010 1645
Date Prepared: 07/28/2010 1406

Analysis Batch: 680-175620
Prep Batch: 680-175577

Instrument ID: KONELAB1
Lab File ID: KONE10728101NH3DIST.xls
Initial Weight/Volume: 6 mL
Final Weight/Volume: 6 mL

MSD Lab Sample ID: 660-36059-C-1-C MSD
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 07/28/2010 1645
Date Prepared: 07/28/2010 1406

Analysis Batch: 680-175620
Prep Batch: 680-175577

Instrument ID: KONELAB1
Lab File ID: KONE10728101NH3DIST.xls
Initial Weight/Volume: 6 mL
Final Weight/Volume: 6 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Ammonia	97	95	90 - 110	1	30		

Quality Control Results

Client: Florida Power & Light Company

Job Number: 660-36118-1

Sdg Number: 36118

Duplicate - Batch: 680-175577

Method: SM 4500 NH3 G

Preparation: SM 4500 NH3 B

Lab Sample ID: 660-36118-4
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 07/28/2010 1655
Date Prepared: 07/28/2010 1406

Analysis Batch: 680-175620
Prep Batch: 680-175577
Units: mg/L

Instrument ID: KONELAB1
Lab File ID: KONE10728101NH3DIST.xls
Initial Weight/Volume: 6 mL
Final Weight/Volume: 6 mL

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Ammonia	0.22	0.187	14	30	

Quality Control Results

Client: Florida Power & Light Company

Job Number: 660-36118-1

Sdg Number: 36118

Method Blank - Batch: 640-70810

Method: SM 4500 P E

Preparation: N/A

Lab Sample ID: MB 640-70810/1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 07/09/2010 1029
Date Prepared: N/A

Analysis Batch: 640-70810
Prep Batch: N/A
Units: mg/L

Instrument ID: ASTORIA2
Lab File ID: OP070910A.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: 640-70810

Method: SM 4500 P E

Preparation: N/A

LCS Lab Sample ID: LCS 640-70810/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 07/09/2010 1031
Date Prepared: N/A

Analysis Batch: 640-70810
Prep Batch: N/A
Units: mg/L

Instrument ID: ASTORIA2
Lab File ID: OP070910A.txt
Initial Weight/Volume: 25 mL
Final Weight/Volume: 25 mL

LCSD Lab Sample ID: LCSD 640-70810/4
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 07/09/2010 1033
Date Prepared: N/A

Analysis Batch: 640-70810
Prep Batch: N/A
Units: mg/L

Instrument ID: ASTORIA2
Lab File ID: OP070910A.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	97	102	90 - 110	5	30	I	I

Quality Control Results

Client: Florida Power & Light Company

Job Number: 660-36118-1

Sdg Number: 36118

Matrix Spike/

Matrix Spike Duplicate Recovery Report - Batch: 640-70810

Method: SM 4500 P E

Preparation: N/A

MS Lab Sample ID: 660-36118-1
 Client Matrix: Water
 Dilution: 1.0
 Date Analyzed: 07/09/2010 1043
 Date Prepared: N/A

Analysis Batch: 640-70810
 Prep Batch: N/A

Instrument ID: ASTORIA2
 Lab File ID: OP070910A.txt
 Initial Weight/Volume: 25 mL
 Final Weight/Volume: 25 mL

MSD Lab Sample ID: 660-36118-1
 Client Matrix: Water
 Dilution: 1.0
 Date Analyzed: 07/09/2010 1051
 Date Prepared: N/A

Analysis Batch: 640-70810
 Prep Batch: N/A

Instrument ID: ASTORIA2
 Lab File ID: OP070910A.txt
 Initial Weight/Volume: 25 mL
 Final Weight/Volume: 25 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
ortho-Phosphate-Dissolved	93	92	90 - 110	1	30	I	I

Duplicate - Batch: 640-70810

Method: SM 4500 P E

Preparation: N/A

Lab Sample ID: 660-36118-1
 Client Matrix: Water
 Dilution: 1.0
 Date Analyzed: 07/09/2010 1042
 Date Prepared: N/A

Analysis Batch: 640-70810
 Prep Batch: N/A
 Units: mg/L

Instrument ID: ASTORIA2
 Lab File ID: OP070910A.txt
 Initial Weight/Volume: 25 mL
 Final Weight/Volume: 25 mL

Analyte	Sample Result/Qual		Result	RPD	Limit	Qual
ortho-Phosphate-Dissolved	0.0020	I	0.00180	9.52	30	I

Quality Control Results

Client: Florida Power & Light Company

Job Number: 660-36118-1

Sdg Number: 36118

Method Blank - Batch: 660-97091

Method: SM 4500 S2 F

Preparation: N/A

Lab Sample ID: MB 660-97091/1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 07/12/2010 1130
Date Prepared: N/A

Analysis Batch: 660-97091
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: 660-97091

Method: SM 4500 S2 F

Preparation: N/A

LCS Lab Sample ID: LCS 660-97091/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 07/12/2010 1130
Date Prepared: N/A

Analysis Batch: 660-97091
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 660-97091/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 07/12/2010 1130
Date Prepared: N/A

Analysis Batch: 660-97091
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	93	94	75 - 125	2	25		

Quality Control Results

Client: Florida Power & Light Company

Job Number: 660-36118-1

Sdg Number: 36118

Matrix Spike/

Matrix Spike Duplicate Recovery Report - Batch: 660-97091

Method: SM 4500 S2 F

Preparation: N/A

MS Lab Sample ID: 660-36116-E-1 MS
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 07/12/2010 1130
Date Prepared: N/A

Analysis Batch: 660-97091
Prep Batch: N/A

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

MSD Lab Sample ID: 660-36116-E-1 MSD
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 07/12/2010 1130
Date Prepared: N/A

Analysis Batch: 660-97091
Prep Batch: N/A

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

Analyte	<u>% Rec.</u>		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Sulfide	98	98	75 - 125	0	25		

TestAmerica Tampa
6712 Benjamin Road Suite 100
Tampa, FL 33634
Phone (813) 885-7427 Fax (813) 885-7049

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

160-36118

Client Information		Sample #	Lab P/N:		Carrier Tracking Note(s)		COC No:
Client Contact: Ms. Stacy Foster		Project #	Fritz, Tina				660-29693.2
Company: Florida Power & Light Company		E-Mail:	tina.fritz@testamerica.com				Page 2 of 2
Address: 700 Universe Blvd (SPA/JB)		Project Name:					Job #:
City: Juno Beach		FPL Turkey Point (SA GW w/nutrients)					
State, Zip: FL, 33408		Site:					
Phone:		SSOW#:					
Email: Stacy_foster@fpl.com		Project #:					
Purchase Order Requested		WFO #:					
Due Date Requested:							
TAT Requested (days):							
Analysis Requested							
PO #:							
Field Filtered Sample (Yes or No)							
Perform MS/MSD (Yes or No)							
365.1, Nitrogen, Total							
200.7 - Metals							
Un-ionized NH3 - Ammonia, Unionized							
4500_P_E_Ortho - ortho-Phosphate							
351.2 - Nitrogen, Kjeldahl							
SUBCONTRACT - Hydrogen, Oxygen							
245.1, 6010B							
SM4500_S2_F - Sulfide							
2320B, 300.0_28D, 3500_CR_B							
2640C - Total Dissolved Solids							
200.7_CWA - SiO2, Silica							
DIC/DOC							
Total Number of containers							
Special Instructions/Note:							
Preservation Codes:							
A - HCL							
B - NaOH							
C - Zn Acetate							
D - Nitric Acid							
E - NaHSO4							
F - MeOH							
G - Ascorbic Acid							
H - Ascorbic Acid							
I - Ice							
J - DI Water							
K - EDTA							
L - EDTA							
M - Hexane							
N - None							
O - AsNaO2							
P - Na2O4S							
Q - Na2SO3							
R - Na2S2O3							
S - H2SO4							
T - TSP Dodecylpylate							
U - Acetone							
V - MCAA							
W - pH 4-5							
Z - other (Specify)							
Other:							
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=Water, S=Soil, BT=Tissue, AA=Air)		
070710	TPGW-SWC-18	07/07/10	12:15	G	Water	X	
	TPGW-SWC-17		12:44		Water	X	
	TPGW-SWC-28		13:55		Water	X	
	TPGW-SWC-27		14:25		Water	X	
	TPGW-SWC-38		15:25		Water	X	
	TPGW-SWC-37		15:55		Water	X	
070610	TPGW-GW-85	07/06/10	13:15		Water	X	
	TPGW-				Water		
Possible Hazard Identification							
<input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Radiological							
Deliverable Requested: I, II, III, IV, Other (specify)							
Empty Kit Relinquished by:		Date:	Time:				
Relinquished by:		Date/Time:	Company:				
Relinquished by:		Date/Time:	Company:				
Relinquished by:		Date/Time:	Company:				
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No							
Custody Seal No.:							
Cooler Temperature(s), °C and Other Remarks:							

36118

ORP	Station #	Date	Time	Total Depth	Sample Depth	WTD Temp	DO m/s/c	DO % sat	mg/cm	Cond	pH	Tw
90.0	063010 - TRPWC-58	10/06/01	11:37	3.0	2.0	34.68	7.84	148.9	1957	8.32	5.5	
143.0	070110 - TRPWC-38	10/07/01	11:25	12.0	11.0	30.05	4.14	55.5	2.42	7.37		
148.8	070110 - TRPWC-37	10/07/01	11:55	12.0	11.0	31.72	7.15	98.0	2.437	7.64		
64.2	070110 - TRPWC-48	10/07/01	12:45	4.5	3.5	28.04	0.77	3.9	32.30	6.86		
70.0	070110 - TRPWC-47	10/07/01	13:20	4.5	1.0	31.96	4.90	72.3	23.04	7.31		
147.1	070110 - TRPWC-48	10/07/01	14:17	16 ft	15 ft	34.41	8.76	166.0	77.59	8.28		
142.3	070110 - TRPWC-47	10/07/01	15:15	16 ft	1 ft	34.93	9.82	187.5	77.50	8.33		
196.3	070110 - TRPWC-58	10/07/01	16:20	14 ft	13 ft	32.35	3.40	155.6	49.20	7.70		
182.3	070110 - TRPWC-57	10/07/01	17:10	14 ft	1 ft	32.81	6.63	109.2	47.34	7.96		
124.6	070110 - TRPWC-181	10/07/01	12:12	12 ft	11 ft	28.89	5.54	71.9	0.47	7.59		
163.0	070110 - TRPWC-17	10/07/01	12:47	12 ft	1 ft	30.53	4.59	61.3	.512	7.6		
156.6	070110 - TRPWC-28	10/07/01	13:50	10 ft	9 ft	30.25	5.28	70.2	.596	7.8		
186.7	070110 - TRPWC-27	10/07/01	14:18	10 ft	1 ft	31.96	6.61	90.5	.597	7.9		
192.5	070110 - TRPWC-38	10/07/01	15:20	10 ft	9 ft	30.54	5.77	77.1	6.019	7.6		
199.3	070110 - TRPWC-37	10/07/01	15:47	10 ft	1 ft	32.58	8.04	111.3	6.87	7.805		

Form FD 9000-24
GROUNDWATER SAMPLING LOG

0706

36118

SITE NAME: 062510-TPCW-85		SITE LOCATION: 07-06	
WELL NO:		SAMPLE ID:	
		DATE: 06-25-10	

PURGING DATA

WELL DIAMETER (inches): 2"	TUBING DIAMETER (inches): 3/16"	WELL SCREEN INTERVAL DEPTH: 17 feet to 25 feet	STATIC DEPTH TO WATER (feet): .9	PURGE PUMP TYPE OR BAILER: PP								
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable) = (feet - feet) X gallons/foot = gallons												
EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (only fill out if applicable) = gallons + (.0014 gallons/foot X 24 feet) + gallons = gallons												
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 19	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 19	PURGING INITIATED AT: 12:16	PURGING ENDED AT: 1:05	TOTAL VOLUME PURGED (gallons): 8.5								
TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
12:27	1.25	1.25	.114	1.0	11.84	24.95	1.52	1.2 (1.0)	40.81	Clear	none	-220.7
12:39	2.0	3.25	.167	1.2	11.82	24.77	1.34	0.7 (1.06)	15.94	"	"	-230.5
12:44	.30	3.55	.06	1.2	11.78	24.71	1.32	0.7 (1.06)	14.73	"	"	-230.78
12:51	.70	4.25	0.1	1.2	11.78	24.69	1.25	0.7 (1.06)	10.67	"	"	-230.1
12:57	.25	4.50	0.042	1.2	11.75	24.70	1.20	0.8 (1.06)	10.60	"	"	-233.3
12:58	1.5	1.5	.136	0.9	11.72	24.78	1.18	4.8 (1.40)	16.43	"	—	75.1
13:04	.75	2.25	.125	0.9	11.70	24.92	1.20	15.7 (1.28)	7.50	"	—	58.1
13:10	.75	3.0	.125	0.9	11.67	24.99	1.14	5.3 (1.43)		"	—	47.5
WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88 TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016												
PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)												

07/06
purge
@ 2:47
end@
13:11

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: J. Jacobs		SAMPLER(S) SIGNATURE(S): J. Jacobs		SAMPLING INITIATED AT: 12:16		SAMPLING ENDED AT: 1:05			
PUMP OR TUBING DEPTH IN WELL (feet): 19		TUBING MATERIAL CODE: T		FIELD FILTERED: (Y) N		FILTER SIZE: 45 µm			
FIELD DECONTAMINATION: PUMP Y (Y) TUBING Y (Y) (replaced)		DUPLICATE: Y (Y)							
SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
	1	PE	250mL	NH4OH	250	3	metals	APP	.125
	1	PE	500mL	NH4OH / HNO3	500	12	silica	APP	"
	1	AG	125mL	HCl	125	1	DOC	APP	"
	1	PE	250mL	NH4OH	250	4	fluoride	APP	"
REMARKS:									
MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)									
SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPF = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)									

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
pH: ± 0.2 units Temperature: ± 0.2 °C Specific Conductance: ± 5% Dissolved Oxygen: all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) Turbidity: all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Login Sample Receipt Check List

Client: Florida Power & Light Company

Job Number: 660-36118-1

SDG Number: 36118

Login Number: 36118

List Source: TestAmerica Tampa

Creator: Carlson, Robyn

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	1.0, 1.9 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	
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: 660-36118-1

SDG Number: 36118

Login Number: 36118

List Source: TestAmerica Savannah

Creator: Conner, Keaton

List Creation: 07/09/10 09:29 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?	False	
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	

Login Sample Receipt Check List

Client: Florida Power & Light Company

Job Number: 660-36118-1

SDG Number: 36118

Login Number: 36118

List Source: TestAmerica Tallahassee

Creator: Archie, Datiska

List Creation: 07/08/10 03:53 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?	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	