

## ANALYTICAL REPORT

Job Number: 660-36059-1

SDG Number: 36059

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  
9/3/2010 9:33 PM

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Amy Atkins  
Project Manager I  
amy.atkins@testamericainc.com  
09/03/2010

cc: Ms. Sharon Ewe

Methods: FDEP, DOH Certification #: TestAmerica Tampa E84282; TestAmerica Tallahassee E81005; TestAmerica Savannah E87052; KNL E84025. 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**  
**660-36059-1**

**Receipt**

All samples were received in good condition within temperature requirements.

**Metals**

Method 200.7 Rev 4.4: The method blank for prep batch 640-70573 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 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 method blank for batch 680-173710 contained silica 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 matrix spike / matrix spike duplicate (MS/MSD) recoveries for Iron in batch 70573 were outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria.

Method 200.7 Rev 4.4: The following samples were diluted due to the nature of the sample matrix: 070110-TPSWC-4B (660-36059-3), 070110-TPSWC-4T (660-36059-4), 070110-TPSWCCS-4B (660-36059-5), 070110-TPSWCCS-4T (660-36059-6), 070110-TPSWC-DUP1 (660-36059-9), 070110-TPSWID-3B (660-36059-1), 070110-TPSWID-3T (660-36059-2).

Method 6010B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for Calcium and Magnesium in batch 97518 were outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria.

Method 6010B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for Calcium in batch 98247 were outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria. The data is flagged with J3.

**General Chemistry**

Method 300.0: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 97270 were outside control limits for Chloride. The associated laboratory control sample (LCS) recovery met acceptance criteria.

Method 300.0: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 97308 were outside control limits for Chloride. The associated laboratory control sample (LCS) recovery met acceptance criteria.

Method 300.0: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 97477 were outside control limits for Fluoride. The associated laboratory control sample (LCS) recovery met acceptance criteria.

Method 300.0: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 97816 were outside control limits for Sulfate. The associated laboratory control sample (LCS) recovery met acceptance criteria. The data is flagged with J3.

Method 300.0: Due to sample matrix, 070110-TPSWC-4T (660-36059-4), 070110-TPSWCCS-4B (660-36059-5), 070110-TPSWCCS-4T (660-36059-6), 070110-TPSWC-DUP1 (660-36059-9) was pre-diluted for Fluoride.

Method 351.2: The matrix spike (MS) recovery for batch 97095 was outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria.

Method 353.2: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 70779 were outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria. The data is flagged with a J3.

Method SM 4500 P E: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 70574 were outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria. The data is flagged with a J3.

Method SM 4500 P E: The OP results for 660-36059-2, -3, -4 and -9 are significantly higher than the TP results due to severe matrix interference caused by the saline matrix.

Method SM 4500 S2 F: Insufficient sample volume was provided to perform batch matrix spike/matrix spike duplicate (MS/MSD) associated with batch 96800.

## EXECUTIVE SUMMARY - Detections

Client: Florida Power & Light Company

Job Number: 660-36059-1

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Lab Sample ID Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
<b>660-36059-1</b>	<b>070110-TPSWID-3B</b>				
Field pH		7.37		SU	Field Sampling
Field Temperature		30.05		Degrees C	Field Sampling
Oxygen, Dissolved		9.14		mg/L	Field Sampling
Specific Conductance		2420		umhos/cm	Field Sampling
Turbidity		0.74		NTU	Field Sampling
Bromide		1.8	0.25	mg/L	300.0
Chloride		720	50	mg/L	300.0
Fluoride		0.11	0.050	mg/L	300.0
Sulfate		70	2.5	mg/L	300.0
Nitrogen, Kjeldahl		0.86	0.20	mg/L	351.2
Nitrate Nitrite as N		0.016	0.010	mg/L	353.2
Phosphorus		0.0066 I	0.010	mg/L	365.1
Alkalinity		200	1.0	mg/L	SM 2320B
Ammonia		0.19	0.050	mg/L	SM 4500 NH3 G
Nitrogen, Total		1.7	0.21	mg/L	Total Nitrogen
Unionized Ammonia		0.0043	0.000017	mg/L	UnionizedNH3
<b><i>Dissolved</i></b>					
SiO2, Silica		4300 V	2500	ug/L	200.7 Rev 4.4
Dissolved Inorganic Carbon-Dissolved		49	1.0	mg/L	9060
ortho-Phosphate-Dissolved		0.0022 I	0.050	mg/L	SM 4500 P E
<b><i>Total Recoverable</i></b>					
Iron		33 I V	500	ug/L	200.7 Rev 4.4
Boron		130 I	500	ug/L	6010B
Calcium		130	5.0	mg/L	6010B
Potassium		14	10	mg/L	6010B
Strontium		1300	50	ug/L	6010B
Magnesium		40	0.80	mg/L	6010B
Sodium		390	5.0	mg/L	6010B

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Lab Sample ID Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
<b>660-36059-2</b>	<b>070110-TPSWID-3T</b>				
Field pH		2.64		SU	Field Sampling
Field Temperature		31.72		Degrees C	Field Sampling
Oxygen, Dissolved		7.15		mg/L	Field Sampling
Specific Conductance		2437		umhos/cm	Field Sampling
Turbidity		0.52		NTU	Field Sampling
Bromide		1.8	0.25	mg/L	300.0
Chloride		740	50	mg/L	300.0
Fluoride		0.098	0.050	mg/L	300.0
Sulfate		65	2.5	mg/L	300.0
Nitrogen, Kjeldahl		0.88	0.20	mg/L	351.2
Nitrate Nitrite as N		0.011	0.010	mg/L	353.2
Alkalinity		200	1.0	mg/L	SM 2320B
Ammonia		0.18	0.050	mg/L	SM 4500 NH3 G
Nitrogen, Total		0.87	0.21	mg/L	Total Nitrogen
Unionized Ammonia		0.0083	0.000017	mg/L	UnionizedNH3
<b><i>Dissolved</i></b>					
SiO2, Silica		4200 V	2500	ug/L	200.7 Rev 4.4
Dissolved Inorganic Carbon-Dissolved		47	1.0	mg/L	9060
ortho-Phosphate-Dissolved		0.0094 I	0.050	mg/L	SM 4500 P E
<b><i>Total Recoverable</i></b>					
Iron		37 I V	500	ug/L	200.7 Rev 4.4
Boron		130 I	500	ug/L	6010B
Calcium		130	5.0	mg/L	6010B
Potassium		14	10	mg/L	6010B
Strontium		1300	50	ug/L	6010B
Magnesium		40	0.80	mg/L	6010B
Sodium		390	5.0	mg/L	6010B

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Lab Sample ID Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
<b>660-36059-3</b>	<b>070110-TPSWC-4B</b>				
Field pH		6.86		SU	Field Sampling
Field Temperature		28.64		Degrees C	Field Sampling
Oxygen, Dissolved		0.27		mg/L	Field Sampling
Specific Conductance		32300		umhos/cm	Field Sampling
Turbidity		45.96		NTU	Field Sampling
Bromide		44	2.5	mg/L	300.0
Chloride		13000	250	mg/L	300.0
Fluoride		0.11 I	0.25	mg/L	300.0
Sulfate		1700	25	mg/L	300.0
Nitrogen, Kjeldahl		1.7	0.20	mg/L	351.2
Nitrate Nitrite as N		0.014	0.010	mg/L	353.2
Phosphorus		0.020	0.010	mg/L	365.1
Alkalinity		240	1.0	mg/L	SM 2320B
Ammonia		0.65	0.050	mg/L	SM 4500 NH3 G
Nitrogen, Total		0.89	0.21	mg/L	Total Nitrogen
Unionized Ammonia		0.0042	0.000017	mg/L	UnionizedNH3
<b><i>Dissolved</i></b>					
SiO2, Silica		4600 V	2500	ug/L	200.7 Rev 4.4
Dissolved Inorganic Carbon-Dissolved		53	1.0	mg/L	9060
ortho-Phosphate-Dissolved		0.030 I	0.050	mg/L	SM 4500 P E
<b><i>Total Recoverable</i></b>					
Barium		57 I	100	ug/L	200.7 Rev 4.4
Iron		290 I V	500	ug/L	200.7 Rev 4.4
Boron		2800	500	ug/L	6010B
Calcium		410	5.0	mg/L	6010B
Potassium		410	10	mg/L	6010B
Strontium		7000	50	ug/L	6010B
Magnesium		900	0.80	mg/L	6010B
Sodium		7100	100	mg/L	6010B

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Lab Sample ID Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
<b>660-36059-4</b>	<b>070110-TPSWC-4T</b>				
Field pH		7.31		SU	Field Sampling
Field Temperature		31.96		Degrees C	Field Sampling
Oxygen, Dissolved		4.90		mg/L	Field Sampling
Specific Conductance		23040		umhos/cm	Field Sampling
Turbidity		5.17		NTU	Field Sampling
Bromide		32	2.5	mg/L	300.0
Chloride		9300	250	mg/L	300.0
Sulfate		1200 J3	25	mg/L	300.0
Nitrogen, Kjeldahl		1.7	0.20	mg/L	351.2
Nitrate Nitrite as N		0.017	0.010	mg/L	353.2
Phosphorus		0.011	0.010	mg/L	365.1
Alkalinity		240	1.0	mg/L	SM 2320B
Ammonia		0.80	0.050	mg/L	SM 4500 NH3 G
Nitrogen, Total		1.7	0.21	mg/L	Total Nitrogen
Unionized Ammonia		0.018	0.000017	mg/L	UnionizedNH3
<b><i>Dissolved</i></b>					
SiO2, Silica		3800 V	2500	ug/L	200.7 Rev 4.4
Dissolved Inorganic Carbon-Dissolved		56	1.0	mg/L	9060
ortho-Phosphate-Dissolved		0.024 I	0.050	mg/L	SM 4500 P E
<b><i>Total Recoverable</i></b>					
Barium		43 I	100	ug/L	200.7 Rev 4.4
Iron		210 I V	500	ug/L	200.7 Rev 4.4
Boron		1900	500	ug/L	6010B
Calcium		340	5.0	mg/L	6010B
Potassium		270	10	mg/L	6010B
Strontium		5300	50	ug/L	6010B
Magnesium		630	0.80	mg/L	6010B
Sodium		5000	100	mg/L	6010B

## EXECUTIVE SUMMARY - Detections

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Lab Sample ID Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
<b>660-36059-5</b>	<b>070110-TPSWCCS-4B</b>				
Gross Alpha		54+-4	1.3	pCi/L	900.0
Field pH		8.28		SU	Field Sampling
Field Temperature		34.41		Degrees C	Field Sampling
Oxygen, Dissolved		8.76		mg/L	Field Sampling
Specific Conductance		77590		umhos/cm	Field Sampling
Turbidity		5.7		NTU	Field Sampling
Bromide		130	2.5	mg/L	300.0
Chloride		37000	500	mg/L	300.0
Sulfate		5000	500	mg/L	300.0
Nitrogen, Kjeldahl		1.6	0.20	mg/L	351.2
Nitrate Nitrite as N		0.015	0.010	mg/L	353.2
Phosphorus		0.024	0.010	mg/L	365.1
Alkalinity		150	1.0	mg/L	SM 2320B
Total Dissolved Solids		78000	250	mg/L	SM 2540C
Ammonia		0.14	0.050	mg/L	SM 4500 NH3 G
Nitrogen, Total		1.7	0.21	mg/L	Total Nitrogen
Unionized Ammonia		0.029	0.000017	mg/L	UnionizedNH3
<b><i>Dissolved</i></b>					
SiO2, Silica		1000 I V	2500	ug/L	200.7 Rev 4.4
Dissolved Inorganic Carbon-Dissolved		27	1.0	mg/L	9060
ortho-Phosphate-Dissolved		0.078 I	0.50	mg/L	SM 4500 P E
<b><i>Total Recoverable</i></b>					
Barium		41 I	200	ug/L	200.7 Rev 4.4
Iron		210 I V	1000	ug/L	200.7 Rev 4.4
Boron		10000	500	ug/L	6010B
Calcium		940	5.0	mg/L	6010B
Potassium		870	200	mg/L	6010B
Strontium		18000	50	ug/L	6010B
Magnesium		3000	0.80	mg/L	6010B
Sodium		21000	200	mg/L	6010B

## EXECUTIVE SUMMARY - Detections

Client: Florida Power & Light Company

Job Number: 660-36059-1

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Lab Sample ID Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
<b>660-36059-6</b>	<b>070110-TPSWCCS-4T</b>				
Gross Alpha		38+-3	1.4	pCi/L	900.0
Field pH		7.96		SU	Field Sampling
Field Temperature		32.81		Degrees C	Field Sampling
Oxygen, Dissolved		9.82		mg/L	Field Sampling
Specific Conductance		77500		umhos/cm	Field Sampling
Turbidity		4.83		NTU	Field Sampling
Bromide		130	2.5	mg/L	300.0
Chloride		37000	500	mg/L	300.0
Sulfate		5100	500	mg/L	300.0
Nitrogen, Kjeldahl		2.5	0.20	mg/L	351.2
Nitrate Nitrite as N		0.014	0.010	mg/L	353.2
Phosphorus		0.024	0.010	mg/L	365.1
Alkalinity		150	1.0	mg/L	SM 2320B
Carbonate Alkalinity as CaCO3		25	1.0	mg/L	SM 2320B
Total Dissolved Solids		79000	250	mg/L	SM 2540C
Ammonia		0.13	0.050	mg/L	SM 4500 NH3 G
Nitrogen, Total		0.87	0.21	mg/L	Total Nitrogen
Unionized Ammonia		0.031	0.000017	mg/L	UnionizedNH3
<b><i>Dissolved</i></b>					
SiO2, Silica		1100 I V	2500	ug/L	200.7 Rev 4.4
Dissolved Inorganic Carbon-Dissolved		25	1.0	mg/L	9060
ortho-Phosphate-Dissolved		0.076 I	0.50	mg/L	SM 4500 P E
<b><i>Total Recoverable</i></b>					
Barium		57 I	200	ug/L	200.7 Rev 4.4
Iron		220 I V	1000	ug/L	200.7 Rev 4.4
Boron		11000	500	ug/L	6010B
Calcium		950	5.0	mg/L	6010B
Potassium		860	200	mg/L	6010B
Strontium		18000	50	ug/L	6010B
Magnesium		3000	0.80	mg/L	6010B
Sodium		21000	200	mg/L	6010B



## EXECUTIVE SUMMARY - Detections

Client: Florida Power & Light Company

Job Number: 660-36059-1

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Lab Sample ID Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
<b>660-36059-9</b>	<b>070110-TPSWC-DUP1</b>				
Bromide		75	5.0	mg/L	300.0
Chloride		22000	500	mg/L	300.0
Sulfate		3000	500	mg/L	300.0
Nitrogen, Kjeldahl		0.56	0.20	mg/L	351.2
Nitrate Nitrite as N		0.0073 I	0.010	mg/L	353.2
Phosphorus		0.021	0.010	mg/L	365.1
Alkalinity		160	1.0	mg/L	SM 2320B
Ammonia		0.036 I	0.050	mg/L	SM 4500 NH3 G
Nitrogen, Total		0.57	0.21	mg/L	Total Nitrogen
<b><i>Dissolved</i></b>					
SiO2, Silica		1900 I V	2500	ug/L	200.7 Rev 4.4
Dissolved Inorganic Carbon-Dissolved		30	1.0	mg/L	9060
ortho-Phosphate-Dissolved		0.050 I	0.50	mg/L	SM 4500 P E
<b><i>Total Recoverable</i></b>					
Barium		26 I	100	ug/L	200.7 Rev 4.4
Iron		88 I V	500	ug/L	200.7 Rev 4.4
Boron		5300	500	ug/L	6010B
Calcium		500	5.0	mg/L	6010B
Potassium		470	200	mg/L	6010B
Strontium		9100	50	ug/L	6010B
Magnesium		1500	0.80	mg/L	6010B
Sodium		12000	100	mg/L	6010B

## METHOD SUMMARY

Client: Florida Power & Light Company

Job Number: 660-36059-1

Sdg Number: 36059

Description	Lab Location	Method	Preparation Method
<b>Matrix: Water</b>			
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	
Gross Alpha and Gross Beta Radioactivity	SC0009	EPA 900.0	
Field Sampling	TAL TAM	EPA Field Sampling	

### Lab References:

SC0009 = KNL Laboratory Services

TAL SAV = TestAmerica Savannah

TAL TAL = TestAmerica Tallahassee

TAL TAM = TestAmerica Tampa

## METHOD SUMMARY

Client: Florida Power & Light Company

Job Number: 660-36059-1

Sdg Number: 36059

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: 660-36059-1

Sdg Number: 36059

Method	Analyst	Analyst ID
EPA 900.0	ANALYST, SUBCONTRACTED	SUB
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: 660-36059-1

Sdg Number: 36059

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
660-36059-1	070110-TPSWID-3B	Water	07/01/2010 1130	07/02/2010 0840
660-36059-2	070110-TPSWID-3T	Water	07/01/2010 1200	07/02/2010 0840
660-36059-3	070110-TPSWC-4B	Water	07/01/2010 1250	07/02/2010 0840
660-36059-4	070110-TPSWC-4T	Water	07/01/2010 1325	07/02/2010 0840
660-36059-5	070110-TPSWCCS-4B	Water	07/01/2010 1422	07/02/2010 0840
660-36059-6	070110-TPSWCCS-4T	Water	07/01/2010 1520	07/02/2010 0840
660-36059-9	070110-TPSWC-DUP1	Water	07/01/2010 1655	07/02/2010 0840

**Analytical Data**

Client: Florida Power &amp; Light Company

Job Number: 660-36059-1

Sdg Number: 36059

**Client Sample ID: 070110-TPSWID-3B**

Lab Sample ID: 660-36059-1

Date Sampled: 07/01/2010 1130

Client Matrix: Water

Date Received: 07/02/2010 0840

**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 1302		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	33	I V	27	500

**200.7 Rev 4.4 Metals (ICP)-Dissolved**

Method:	200.7 Rev 4.4	Analysis Batch: 680-174051	Instrument ID:	Varian ICP
Preparation:	N/A		Lab File ID:	E07132010_SI.csv
Dilution:	5.0		Initial Weight/Volume:	
Date Analyzed:	07/13/2010 1510		Final Weight/Volume:	1.0 mL
Date Prepared:				

Analyte	Result (ug/L)	Qualifier	MDL	PQL
SiO <sub>2</sub> , Silica	4300	V	250	2500

**6010B Metals (ICP)-Total Recoverable**

Method:	6010B	Analysis Batch: 660-97794	Instrument ID:	ICPA
Preparation:	3005A	Prep Batch: 660-97518	Lab File ID:	10G28A
Dilution:	10		Initial Weight/Volume:	50 mL
Date Analyzed:	07/28/2010 1049		Final Weight/Volume:	50 mL
Date Prepared:	07/22/2010 1113			

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Calcium	130		1.0	5.0
Potassium	14		1.9	10
Magnesium	40		0.20	0.80
Sodium	390		3.1	5.0

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Boron	130	I	100	500
Strontium	1300		10	50

**Analytical Data**

Client: Florida Power &amp; Light Company

Job Number: 660-36059-1

Sdg Number: 36059

**Client Sample ID: 070110-TPSWID-3T**

Lab Sample ID: 660-36059-2

Date Sampled: 07/01/2010 1200

Client Matrix: Water

Date Received: 07/02/2010 0840

**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 1319		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	37	I V	27	500

**200.7 Rev 4.4 Metals (ICP)-Dissolved**

Method:	200.7 Rev 4.4	Analysis Batch: 680-174051	Instrument ID:	Varian ICP
Preparation:	N/A		Lab File ID:	E07132010_SI.csv
Dilution:	5.0		Initial Weight/Volume:	
Date Analyzed:	07/13/2010 1513		Final Weight/Volume:	1.0 mL
Date Prepared:				

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

**6010B Metals (ICP)-Total Recoverable**

Method:	6010B	Analysis Batch: 660-97794	Instrument ID:	ICPA
Preparation:	3005A	Prep Batch: 660-97518	Lab File ID:	10G28A
Dilution:	10		Initial Weight/Volume:	50 mL
Date Analyzed:	07/28/2010 1055		Final Weight/Volume:	50 mL
Date Prepared:	07/22/2010 1113			

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Calcium	130		1.0	5.0
Potassium	14		1.9	10
Magnesium	40		0.20	0.80
Sodium	390		3.1	5.0

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Boron	130	I	100	500
Strontium	1300		10	50

**Analytical Data**

Client: Florida Power &amp; Light Company

Job Number: 660-36059-1

Sdg Number: 36059

**Client Sample ID: 070110-TPSWC-4B**

Lab Sample ID: 660-36059-3

Date Sampled: 07/01/2010 1250

Client Matrix: Water

Date Received: 07/02/2010 0840

**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 1326		Final Weight/Volume:	50 mL
Date Prepared:	07/09/2010 1300			

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Barium	57	I	8.1	100
Iron	290	I V	27	500

**200.7 Rev 4.4 Metals (ICP)-Dissolved**

Method:	200.7 Rev 4.4	Analysis Batch: 680-174051	Instrument ID:	Varian ICP
Preparation:	N/A		Lab File ID:	E07132010_SI.csv
Dilution:	5.0		Initial Weight/Volume:	
Date Analyzed:	07/13/2010 1516		Final Weight/Volume:	1.0 mL
Date Prepared:				

Analyte	Result (ug/L)	Qualifier	MDL	PQL
SiO2, Silica	4600	V	250	2500

**6010B Metals (ICP)-Total Recoverable**

Method:	6010B	Analysis Batch: 660-97794	Instrument ID:	ICPA
Preparation:	3005A	Prep Batch: 660-97518	Lab File ID:	10G28A
Dilution:	10		Initial Weight/Volume:	50 mL
Date Analyzed:	07/28/2010 1101		Final Weight/Volume:	50 mL
Date Prepared:	07/22/2010 1113			

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Calcium	410		1.0	5.0
Potassium	410		1.9	10
Magnesium	900		0.20	0.80

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Boron	2800		100	500
Strontium	7000		10	50

Method:	6010B	Analysis Batch: 660-97794	Instrument ID:	ICPA
Preparation:	3005A	Prep Batch: 660-97518	Lab File ID:	10G28A
Dilution:	200		Initial Weight/Volume:	50 mL
Date Analyzed:	07/28/2010 1136	Run Type: DL	Final Weight/Volume:	50 mL
Date Prepared:	07/22/2010 1113			

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Sodium	7100		62	100



**Analytical Data**

Client: Florida Power &amp; Light Company

Job Number: 660-36059-1

Sdg Number: 36059

**Client Sample ID:** 070110-TPSWC-4T

Lab Sample ID: 660-36059-4

Date Sampled: 07/01/2010 1325

Client Matrix: Water

Date Received: 07/02/2010 0840

**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 1330		Final Weight/Volume:	50 mL
Date Prepared:	07/09/2010 1300			

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Barium	43	I	8.1	100
Iron	210	I V	27	500

**200.7 Rev 4.4 Metals (ICP)-Dissolved**

Method:	200.7 Rev 4.4	Analysis Batch: 680-174051	Instrument ID:	Varian ICP
Preparation:	N/A		Lab File ID:	E07132010_SI.csv
Dilution:	5.0		Initial Weight/Volume:	
Date Analyzed:	07/13/2010 1530		Final Weight/Volume:	1.0 mL
Date Prepared:				

Analyte	Result (ug/L)	Qualifier	MDL	PQL
SiO <sub>2</sub> , Silica	3800	V	250	2500

**6010B Metals (ICP)-Total Recoverable**

Method:	6010B	Analysis Batch: 660-97794	Instrument ID:	ICPA
Preparation:	3005A	Prep Batch: 660-97518	Lab File ID:	10G28A
Dilution:	10		Initial Weight/Volume:	50 mL
Date Analyzed:	07/28/2010 1107		Final Weight/Volume:	50 mL
Date Prepared:	07/22/2010 1113			

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Calcium	340		1.0	5.0
Potassium	270		1.9	10
Magnesium	630		0.20	0.80

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Boron	1900		100	500
Strontium	5300		10	50

Method:	6010B	Analysis Batch: 660-97794	Instrument ID:	ICPA
Preparation:	3005A	Prep Batch: 660-97518	Lab File ID:	10G28A
Dilution:	200		Initial Weight/Volume:	50 mL
Date Analyzed:	07/28/2010 1142	Run Type: DL	Final Weight/Volume:	50 mL
Date Prepared:	07/22/2010 1113			

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Sodium	5000		62	100

**Analytical Data**

Client: Florida Power &amp; Light Company

Job Number: 660-36059-1

Sdg Number: 36059

**Client Sample ID: 070110-TPSWCCS-4B**

Lab Sample ID: 660-36059-5

Date Sampled: 07/01/2010 1422

Client Matrix: Water

Date Received: 07/02/2010 0840

**200.7 Rev 4.4 Metals (ICP)-Total Recoverable**

Method:	200.7 Rev 4.4	Analysis Batch: 640-70693	Instrument ID:	ICP2
Preparation:	200.7	Prep Batch: 640-70573	Lab File ID:	070910.csv
Dilution:	2.0		Initial Weight/Volume:	5.0 mL
Date Analyzed:	07/08/2010 0922		Final Weight/Volume:	50 mL
Date Prepared:	07/06/2010 1100			

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Barium	41	I	16	200
Iron	210	I V	54	1000

**200.7 Rev 4.4 Metals (ICP)-Dissolved**

Method:	200.7 Rev 4.4	Analysis Batch: 680-174051	Instrument ID:	Varian ICP
Preparation:	N/A		Lab File ID:	E07132010_SI.csv
Dilution:	5.0		Initial Weight/Volume:	
Date Analyzed:	07/13/2010 1533		Final Weight/Volume:	1.0 mL
Date Prepared:				

Analyte	Result (ug/L)	Qualifier	MDL	PQL
SiO2, Silica	1000	I V	250	2500

**6010B Metals (ICP)-Total Recoverable**

Method:	6010B	Analysis Batch: 660-98346	Instrument ID:	ICPA
Preparation:	3005A	Prep Batch: 660-98247	Lab File ID:	10H09A
Dilution:	10		Initial Weight/Volume:	50 mL
Date Analyzed:	08/09/2010 1012	Run Type: DL	Final Weight/Volume:	50 mL
Date Prepared:	08/06/2010 0828			

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Calcium	940		1.0	5.0
Magnesium	3000		0.20	0.80

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Boron	10000		100	500
Strontium	18000		10	50

Method:	6010B	Analysis Batch: 660-98346	Instrument ID:	ICPA
Preparation:	3005A	Prep Batch: 660-98247	Lab File ID:	10H09A
Dilution:	200		Initial Weight/Volume:	50 mL
Date Analyzed:	08/09/2010 1225	Run Type: DL2	Final Weight/Volume:	50 mL
Date Prepared:	08/06/2010 0828			

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Potassium	870		38	200

## Analytical Data

Client: Florida Power & Light Company

Job Number: 660-36059-1

Sdg Number: 36059

**Client Sample ID: 070110-TPSWCCS-4B**

Lab Sample ID: 660-36059-5

Date Sampled: 07/01/2010 1422

Client Matrix: Water

Date Received: 07/02/2010 0840

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### 6010B Metals (ICP)-Total Recoverable

Method:	6010B	Analysis Batch: 660-98346	Instrument ID:	ICPA
Preparation:	3005A	Prep Batch: 660-98247	Lab File ID:	10H09A
Dilution:	400		Initial Weight/Volume:	50 mL
Date Analyzed:	08/09/2010 1310	Run Type: DL3	Final Weight/Volume:	50 mL
Date Prepared:	08/06/2010 0828			

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Sodium	21000		120	200

**Analytical Data**

Client: Florida Power &amp; Light Company

Job Number: 660-36059-1

Sdg Number: 36059

**Client Sample ID:** 070110-TPSWCCS-4T

Lab Sample ID: 660-36059-6

Date Sampled: 07/01/2010 1520

Client Matrix: Water

Date Received: 07/02/2010 0840

**200.7 Rev 4.4 Metals (ICP)-Total Recoverable**

Method:	200.7 Rev 4.4	Analysis Batch: 640-70693	Instrument ID:	ICP2
Preparation:	200.7	Prep Batch: 640-70573	Lab File ID:	070910.csv
Dilution:	2.0		Initial Weight/Volume:	5.0 mL
Date Analyzed:	07/08/2010 0925		Final Weight/Volume:	50 mL
Date Prepared:	07/06/2010 1100			

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Barium	57	I	16	200
Iron	220	I V	54	1000

**200.7 Rev 4.4 Metals (ICP)-Dissolved**

Method:	200.7 Rev 4.4	Analysis Batch: 680-174051	Instrument ID:	Varian ICP
Preparation:	N/A		Lab File ID:	E07132010_SI.csv
Dilution:	5.0		Initial Weight/Volume:	
Date Analyzed:	07/13/2010 1536		Final Weight/Volume:	1.0 mL
Date Prepared:				

Analyte	Result (ug/L)	Qualifier	MDL	PQL
SiO <sub>2</sub> , Silica	1100	I V	250	2500

**6010B Metals (ICP)-Total Recoverable**

Method:	6010B	Analysis Batch: 660-98346	Instrument ID:	ICPA
Preparation:	3005A	Prep Batch: 660-98247	Lab File ID:	10H09A
Dilution:	10		Initial Weight/Volume:	50 mL
Date Analyzed:	08/09/2010 1031	Run Type: DL	Final Weight/Volume:	50 mL
Date Prepared:	08/06/2010 0828			

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Calcium	950		1.0	5.0
Magnesium	3000		0.20	0.80

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Boron	11000		100	500
Strontium	18000		10	50

Method:	6010B	Analysis Batch: 660-98346	Instrument ID:	ICPA
Preparation:	3005A	Prep Batch: 660-98247	Lab File ID:	10H09A
Dilution:	200		Initial Weight/Volume:	50 mL
Date Analyzed:	08/09/2010 1231	Run Type: DL2	Final Weight/Volume:	50 mL
Date Prepared:	08/06/2010 0828			

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Potassium	860		38	200

## Analytical Data

Client: Florida Power & Light Company

Job Number: 660-36059-1

Sdg Number: 36059

Client Sample ID: 070110-TPSWCCS-4T

Lab Sample ID: 660-36059-6

Date Sampled: 07/01/2010 1520

Client Matrix: Water

Date Received: 07/02/2010 0840

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### 6010B Metals (ICP)-Total Recoverable

Method:	6010B	Analysis Batch:	660-98346	Instrument ID:	ICPA
Preparation:	3005A	Prep Batch:	660-98247	Lab File ID:	10H09A
Dilution:	400			Initial Weight/Volume:	50 mL
Date Analyzed:	08/09/2010 1317	Run Type:	DL3	Final Weight/Volume:	50 mL
Date Prepared:	08/06/2010 0828				

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Sodium	21000		120	200

**Analytical Data**

Client: Florida Power &amp; Light Company

Job Number: 660-36059-1

Sdg Number: 36059

**Client Sample ID:** 070110-TPSWC-DUP1

Lab Sample ID: 660-36059-9

Date Sampled: 07/01/2010 1655

Client Matrix: Water

Date Received: 07/02/2010 0840

**200.7 Rev 4.4 Metals (ICP)-Total Recoverable**

Method:	200.7 Rev 4.4	Analysis Batch: 640-70693	Instrument ID:	ICP2
Preparation:	200.7	Prep Batch: 640-70573	Lab File ID:	070910.csv
Dilution:	1.0		Initial Weight/Volume:	5.0 mL
Date Analyzed:	07/08/2010 0936		Final Weight/Volume:	50 mL
Date Prepared:	07/06/2010 1100			

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Barium	26	I	8.1	100
Iron	88	I V	27	500

**200.7 Rev 4.4 Metals (ICP)-Dissolved**

Method:	200.7 Rev 4.4	Analysis Batch: 680-174051	Instrument ID:	Varian ICP
Preparation:	N/A		Lab File ID:	E07132010_SI.csv
Dilution:	5.0		Initial Weight/Volume:	
Date Analyzed:	07/13/2010 1613		Final Weight/Volume:	1.0 mL
Date Prepared:				

Analyte	Result (ug/L)	Qualifier	MDL	PQL
SiO <sub>2</sub> , Silica	1900	I V	250	2500

**6010B Metals (ICP)-Total Recoverable**

Method:	6010B	Analysis Batch: 660-97794	Instrument ID:	ICPA
Preparation:	3005A	Prep Batch: 660-97518	Lab File ID:	10G28A
Dilution:	10		Initial Weight/Volume:	50 mL
Date Analyzed:	07/28/2010 1113		Final Weight/Volume:	50 mL
Date Prepared:	07/22/2010 1113			

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Calcium	500		1.0	5.0
Magnesium	1500		0.20	0.80

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Boron	5300		100	500
Strontium	9100		10	50

Method:	6010B	Analysis Batch: 660-97794	Instrument ID:	ICPA
Preparation:	3005A	Prep Batch: 660-97518	Lab File ID:	10G28A
Dilution:	200		Initial Weight/Volume:	50 mL
Date Analyzed:	07/28/2010 1148	Run Type: DL	Final Weight/Volume:	50 mL
Date Prepared:	07/22/2010 1113			

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Potassium	470		38	200
Sodium	12000		62	100

**Analytical Data**

Client: Florida Power &amp; Light Company

Job Number: 660-36059-1

Sdg Number: 36059

**General Chemistry****Client Sample ID: 070110-TPSWID-3B**

Lab Sample ID: 660-36059-1

Date Sampled: 07/01/2010 1130

Client Matrix: Water

Date Received: 07/02/2010 0840

Analyte	Result	Qual	Units	MDL	PQL	Dil	Method
Bromide	1.8		mg/L	0.14	0.25	5.0	300.0
Run Type: DL	Analysis Batch: 660-97419	Date Analyzed: 07/17/2010 0011					
Chloride	720		mg/L	20	50	100	300.0
Run Type: DL2	Analysis Batch: 660-97270	Date Analyzed: 07/15/2010 1047					
Fluoride	0.11		mg/L	0.020	0.050	1.0	300.0
	Analysis Batch: 660-97477	Date Analyzed: 07/20/2010 2050					
Sulfate	70		mg/L	1.0	2.5	5.0	300.0
	Analysis Batch: 660-97270	Date Analyzed: 07/15/2010 0522					
Nitrogen, Kjeldahl	0.86		mg/L	0.050	0.20	1.0	351.2
	Analysis Batch: 660-97095	Date Analyzed: 07/12/2010 1338					
	Prep Batch: 660-96958	Date Prepared: 07/08/2010 1745					
Nitrate Nitrite as N	0.016		mg/L	0.0047	0.010	1.0	353.2
	Analysis Batch: 640-70779	Date Analyzed: 07/11/2010 0755					
Phosphorus	0.0066	I	mg/L	0.0044	0.010	1.0	365.1
	Analysis Batch: 640-70731	Date Analyzed: 07/08/2010 1428					
	Prep Batch: 640-70620	Date Prepared: 07/07/2010 1308					
Ammonia	0.19		mg/L	0.026	0.050	1.0	SM 4500 NH3
	Analysis Batch: 680-175620	Date Analyzed: 07/28/2010 1645					
	Prep Batch: 680-175577	Date Prepared: 07/28/2010 1406					
ortho-Phosphate-Dissolved	0.0022	I	mg/L	0.0014	0.050	1.0	SM 4500 P E
	Analysis Batch: 640-70574	Date Analyzed: 07/03/2010 1030					
Analyte	Result	Qual	Units	PQL	PQL	Dil	Method
Dissolved Inorganic Carbon-Dissolved	49		mg/L	1.0	1.0	1.0	9060
	Analysis Batch: 680-174394	Date Analyzed: 07/15/2010 1023					
Alkalinity	200		mg/L	1.0	1.0	1.0	SM 2320B
	Analysis Batch: 660-97108	Date Analyzed: 07/12/2010 1544					
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 1544					
Sulfide	1.0	U	mg/L	1.0	1.0	1.0	SM 4500 S2 F
	Analysis Batch: 660-96800	Date Analyzed: 07/03/2010 1400					
Nitrogen, Total	1.7		mg/L	0.21	0.21	1.0	Total Nitrogen
	Analysis Batch: 640-70902	Date Analyzed: 07/14/2010 2112					
Unionized Ammonia	0.0043		mg/L	0.000017	0.000017	1.0	UnionizedNH3
	Analysis Batch: 680-175858	Date Analyzed: 07/28/2010 1730					

**Analytical Data**

Client: Florida Power &amp; Light Company

Job Number: 660-36059-1

Sdg Number: 36059

**General Chemistry****Client Sample ID: 070110-TPSWID-3T**

Lab Sample ID: 660-36059-2

Date Sampled: 07/01/2010 1200

Client Matrix: Water

Date Received: 07/02/2010 0840

Analyte	Result	Qual	Units	MDL	PQL	Dil	Method
Bromide	1.8		mg/L	0.14	0.25	5.0	300.0
Run Type: DL	Analysis Batch: 660-97419	Date Analyzed: 07/17/2010 0028					
Chloride	740		mg/L	20	50	100	300.0
Run Type: DL2	Analysis Batch: 660-97270	Date Analyzed: 07/15/2010 1109					
Fluoride	0.098		mg/L	0.020	0.050	1.0	300.0
	Analysis Batch: 660-97477	Date Analyzed: 07/20/2010 2108					
Sulfate	65		mg/L	1.0	2.5	5.0	300.0
Run Type: DL	Analysis Batch: 660-97419	Date Analyzed: 07/17/2010 0028					
Nitrogen, Kjeldahl	0.88		mg/L	0.050	0.20	1.0	351.2
	Analysis Batch: 660-97095	Date Analyzed: 07/12/2010 1338					
	Prep Batch: 660-96958	Date Prepared: 07/08/2010 1745					
Nitrate Nitrite as N	0.011		mg/L	0.0047	0.010	1.0	353.2
	Analysis Batch: 640-70779	Date Analyzed: 07/11/2010 0805					
Phosphorus	0.0044	U	mg/L	0.0044	0.010	1.0	365.1
	Analysis Batch: 640-70731	Date Analyzed: 07/08/2010 1432					
	Prep Batch: 640-70620	Date Prepared: 07/07/2010 1308					
Ammonia	0.18		mg/L	0.026	0.050	1.0	SM 4500 NH3
	Analysis Batch: 680-175620	Date Analyzed: 07/28/2010 1645					
	Prep Batch: 680-175577	Date Prepared: 07/28/2010 1406					
ortho-Phosphate-Dissolved	0.0094	I	mg/L	0.0014	0.050	1.0	SM 4500 P E
	Analysis Batch: 640-70574	Date Analyzed: 07/03/2010 1158					
Analyte	Result	Qual	Units	PQL	PQL	Dil	Method
Dissolved Inorganic Carbon-Dissolved	47		mg/L	1.0	1.0	1.0	9060
	Analysis Batch: 680-174394	Date Analyzed: 07/15/2010 1023					
Alkalinity	200		mg/L	1.0	1.0	1.0	SM 2320B
	Analysis Batch: 660-97108	Date Analyzed: 07/12/2010 1550					
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 1550					
Sulfide	1.0	U	mg/L	1.0	1.0	1.0	SM 4500 S2 F
	Analysis Batch: 660-96800	Date Analyzed: 07/03/2010 1400					
Nitrogen, Total	0.87		mg/L	0.21	0.21	1.0	Total Nitrogen
	Analysis Batch: 640-70902	Date Analyzed: 07/14/2010 2112					
Unionized Ammonia	0.0083		mg/L	0.000017	0.000017	1.0	UnionizedNH3
	Analysis Batch: 680-175858	Date Analyzed: 07/28/2010 1730					



**Analytical Data**

Client: Florida Power &amp; Light Company

Job Number: 660-36059-1

Sdg Number: 36059

**General Chemistry****Client Sample ID: 070110-TPSWC-4B**

Lab Sample ID: 660-36059-3

Date Sampled: 07/01/2010 1250

Client Matrix: Water

Date Received: 07/02/2010 0840

Analyte	Result	Qual	Units	MDL	PQL	Dil	Method
Bromide	44		mg/L	1.4	2.5	50	300.0
Run Type: DL	Analysis Batch: 660-97308	Date Analyzed: 07/16/2010 0537					
Chloride	13000		mg/L	100	250	500	300.0
Run Type: DL2	Analysis Batch: 660-97816	Date Analyzed: 07/28/2010 0523					
Fluoride	0.11	I	mg/L	0.10	0.25	5.0	300.0
	Analysis Batch: 660-97477	Date Analyzed: 07/20/2010 2125					
Sulfate	1700		mg/L	10	25	50	300.0
Run Type: DL	Analysis Batch: 660-97308	Date Analyzed: 07/16/2010 0537					
Nitrogen, Kjeldahl	1.7		mg/L	0.050	0.20	1.0	351.2
	Analysis Batch: 660-97095	Date Analyzed: 07/12/2010 1338					
	Prep Batch: 660-96958	Date Prepared: 07/08/2010 1745					
Nitrate Nitrite as N	0.014		mg/L	0.0047	0.010	1.0	353.2
	Analysis Batch: 640-70779	Date Analyzed: 07/11/2010 0807					
Phosphorus	0.020		mg/L	0.0044	0.010	1.0	365.1
	Analysis Batch: 640-70731	Date Analyzed: 07/08/2010 1434					
	Prep Batch: 640-70620	Date Prepared: 07/07/2010 1308					
Ammonia	0.65		mg/L	0.026	0.050	1.0	SM 4500 NH3
	Analysis Batch: 680-175620	Date Analyzed: 07/28/2010 1645					
	Prep Batch: 680-175577	Date Prepared: 07/28/2010 1406					
ortho-Phosphate-Dissolved	0.030	I	mg/L	0.0014	0.050	1.0	SM 4500 P E
	Analysis Batch: 640-70574	Date Analyzed: 07/03/2010 1159					
Analyte	Result	Qual	Units	PQL	PQL	Dil	Method
Dissolved Inorganic Carbon-Dissolved	53		mg/L	1.0	1.0	1.0	9060
	Analysis Batch: 680-174394	Date Analyzed: 07/15/2010 1023					
Alkalinity	240		mg/L	1.0	1.0	1.0	SM 2320B
	Analysis Batch: 660-97108	Date Analyzed: 07/12/2010 1557					
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 1557					
Sulfide	1.0	U	mg/L	1.0	1.0	1.0	SM 4500 S2 F
	Analysis Batch: 660-96800	Date Analyzed: 07/03/2010 1400					
Nitrogen, Total	0.89		mg/L	0.21	0.21	1.0	Total Nitrogen
	Analysis Batch: 640-70902	Date Analyzed: 07/14/2010 2112					
Unionized Ammonia	0.0042		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: 660-36059-1

Sdg Number: 36059

### General Chemistry

Client Sample ID: 070110-TPSWC-4T

Lab Sample ID: 660-36059-4

Client Matrix: Water

Date Sampled: 07/01/2010 1325

Date Received: 07/02/2010 0840

Analyte	Result	Qual	Units	MDL	PQL	Dil	Method
Bromide	32		mg/L	1.4	2.5	50	300.0
Run Type: DL	Analysis Batch: 660-97308	Date Analyzed: 07/16/2010 0559					
Chloride	9300		mg/L	100	250	500	300.0
Run Type: DL2	Analysis Batch: 660-97816	Date Analyzed: 07/28/2010 0544					
Fluoride	0.10	U	mg/L	0.10	0.25	5.0	300.0
	Analysis Batch: 660-97816	Date Analyzed: 07/28/2010 0313					
Sulfate	1200	J3	mg/L	10	25	50	300.0
Run Type: DL	Analysis Batch: 660-97308	Date Analyzed: 07/16/2010 0559					
Nitrogen, Kjeldahl	1.7		mg/L	0.050	0.20	1.0	351.2
	Analysis Batch: 660-97095	Date Analyzed: 07/12/2010 1338					
	Prep Batch: 660-96958	Date Prepared: 07/08/2010 1745					
Nitrate Nitrite as N	0.017		mg/L	0.0047	0.010	1.0	353.2
	Analysis Batch: 640-70779	Date Analyzed: 07/11/2010 0808					
Phosphorus	0.011		mg/L	0.0044	0.010	1.0	365.1
	Analysis Batch: 640-70731	Date Analyzed: 07/08/2010 1435					
	Prep Batch: 640-70620	Date Prepared: 07/07/2010 1308					
Ammonia	0.80		mg/L	0.026	0.050	1.0	SM 4500 NH3
	Analysis Batch: 680-175620	Date Analyzed: 07/28/2010 1645					
	Prep Batch: 680-175577	Date Prepared: 07/28/2010 1406					
ortho-Phosphate-Dissolved	0.024	I	mg/L	0.0014	0.050	1.0	SM 4500 P E
	Analysis Batch: 640-70574	Date Analyzed: 07/03/2010 1200					
Analyte	Result	Qual	Units	PQL	PQL	Dil	Method
Dissolved Inorganic Carbon-Dissolved	56		mg/L	1.0	1.0	1.0	9060
	Analysis Batch: 680-174394	Date Analyzed: 07/15/2010 1023					
Alkalinity	240		mg/L	1.0	1.0	1.0	SM 2320B
	Analysis Batch: 660-97108	Date Analyzed: 07/12/2010 1604					
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 1604					
Sulfide	1.0	U	mg/L	1.0	1.0	1.0	SM 4500 S2 F
	Analysis Batch: 660-96800	Date Analyzed: 07/03/2010 1400					
Nitrogen, Total	1.7		mg/L	0.21	0.21	1.0	Total Nitrogen
	Analysis Batch: 640-70902	Date Analyzed: 07/14/2010 2112					
Unionized Ammonia	0.018		mg/L	0.000017	0.000017	1.0	UnionizedNH3
	Analysis Batch: 680-175858	Date Analyzed: 07/28/2010 1730					

**Analytical Data**

Client: Florida Power &amp; Light Company

Job Number: 660-36059-1

Sdg Number: 36059

**General Chemistry****Client Sample ID: 070110-TPSWCCS-4B**

Lab Sample ID: 660-36059-5

Date Sampled: 07/01/2010 1422

Client Matrix: Water

Date Received: 07/02/2010 0840

Analyte	Result	Qual	Units	MDL	PQL	Dil	Method
Bromide	130		mg/L	1.4	2.5	50	300.0
Run Type: DL	Analysis Batch: 660-97308	Date Analyzed: 07/16/2010 0620					
Chloride	37000		mg/L	200	500	1000	300.0
Run Type: DL2	Analysis Batch: 660-97816	Date Analyzed: 07/28/2010 0649					
Fluoride	0.10	U	mg/L	0.10	0.25	5.0	300.0
	Analysis Batch: 660-97816	Date Analyzed: 07/28/2010 0334					
Sulfate	5000		mg/L	200	500	1000	300.0
Run Type: DL2	Analysis Batch: 660-97816	Date Analyzed: 07/28/2010 0649					
Nitrogen, Kjeldahl	1.6		mg/L	0.050	0.20	1.0	351.2
	Analysis Batch: 660-97095	Date Analyzed: 07/12/2010 1338					
	Prep Batch: 660-96958	Date Prepared: 07/08/2010 1745					
Nitrate Nitrite as N	0.015		mg/L	0.0047	0.010	1.0	353.2
	Analysis Batch: 640-70779	Date Analyzed: 07/11/2010 0809					
Phosphorus	0.024		mg/L	0.0044	0.010	1.0	365.1
	Analysis Batch: 640-70731	Date Analyzed: 07/08/2010 1447					
	Prep Batch: 640-70620	Date Prepared: 07/07/2010 1308					
Ammonia	0.14		mg/L	0.026	0.050	1.0	SM 4500 NH3
	Analysis Batch: 680-175620	Date Analyzed: 07/28/2010 1645					
	Prep Batch: 680-175577	Date Prepared: 07/28/2010 1406					
ortho-Phosphate-Dissolved	0.078	I	mg/L	0.014	0.50	10	SM 4500 P E
	Analysis Batch: 640-70574	Date Analyzed: 07/03/2010 1021					
Analyte	Result	Qual	Units	PQL	PQL	Dil	Method
Dissolved Inorganic Carbon-Dissolved	27		mg/L	1.0	1.0	1.0	9060
	Analysis Batch: 680-174394	Date Analyzed: 07/15/2010 1023					
Alkalinity	150		mg/L	1.0	1.0	1.0	SM 2320B
	Analysis Batch: 660-97108	Date Analyzed: 07/12/2010 1610					
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 1610					
Total Dissolved Solids	78000		mg/L	250	250	1.0	SM 2540C
	Analysis Batch: 660-96807	Date Analyzed: 07/06/2010 1125					
Sulfide	1.0	U	mg/L	1.0	1.0	1.0	SM 4500 S2 F
	Analysis Batch: 660-96800	Date Analyzed: 07/03/2010 1400					
Nitrogen, Total	1.7		mg/L	0.21	0.21	1.0	Total Nitrogen
	Analysis Batch: 640-71048	Date Analyzed: 07/20/2010 0801					
Unionized Ammonia	0.029		mg/L	0.000017	0.000017	1.0	UnionizedNH3
	Analysis Batch: 680-175858	Date Analyzed: 07/28/2010 1730					

**Analytical Data**

Client: Florida Power &amp; Light Company

Job Number: 660-36059-1

Sdg Number: 36059

**General Chemistry****Client Sample ID: 070110-TPSWCCS-4T**

Lab Sample ID: 660-36059-6

Date Sampled: 07/01/2010 1520

Client Matrix: Water

Date Received: 07/02/2010 0840

Analyte	Result	Qual	Units	MDL	PQL	Dil	Method
Bromide	130		mg/L	1.4	2.5	50	300.0
Run Type: DL	Analysis Batch: 660-97308	Date Analyzed: 07/16/2010 0642					
Chloride	37000		mg/L	200	500	1000	300.0
Run Type: DL2	Analysis Batch: 660-97816	Date Analyzed: 07/28/2010 0755					
Fluoride	0.10	U	mg/L	0.10	0.25	5.0	300.0
	Analysis Batch: 660-97816	Date Analyzed: 07/28/2010 0356					
Sulfate	5100		mg/L	200	500	1000	300.0
Run Type: DL2	Analysis Batch: 660-97816	Date Analyzed: 07/28/2010 0755					
Nitrogen, Kjeldahl	2.5		mg/L	0.050	0.20	1.0	351.2
	Analysis Batch: 660-97195	Date Analyzed: 07/14/2010 1403					
	Prep Batch: 660-97149	Date Prepared: 07/13/2010 1700					
Nitrate Nitrite as N	0.014		mg/L	0.0047	0.010	1.0	353.2
	Analysis Batch: 640-70779	Date Analyzed: 07/11/2010 0811					
Phosphorus	0.024		mg/L	0.0044	0.010	1.0	365.1
	Analysis Batch: 640-70731	Date Analyzed: 07/08/2010 1449					
	Prep Batch: 640-70620	Date Prepared: 07/07/2010 1308					
Ammonia	0.13		mg/L	0.026	0.050	1.0	SM 4500 NH3
	Analysis Batch: 680-175620	Date Analyzed: 07/28/2010 1645					
	Prep Batch: 680-175577	Date Prepared: 07/28/2010 1406					
ortho-Phosphate-Dissolved	0.076	I	mg/L	0.014	0.50	10	SM 4500 P E
	Analysis Batch: 640-70574	Date Analyzed: 07/03/2010 1022					
Analyte	Result	Qual	Units	PQL	PQL	Dil	Method
Dissolved Inorganic Carbon-Dissolved	25		mg/L	1.0	1.0	1.0	9060
	Analysis Batch: 680-174394	Date Analyzed: 07/15/2010 1023					
Alkalinity	150		mg/L	1.0	1.0	1.0	SM 2320B
	Analysis Batch: 660-97108	Date Analyzed: 07/12/2010 1617					
Carbonate Alkalinity as CaCO3	25		mg/L	1.0	1.0	1.0	SM 2320B
	Analysis Batch: 660-97108	Date Analyzed: 07/12/2010 1617					
Total Dissolved Solids	79000		mg/L	250	250	1.0	SM 2540C
	Analysis Batch: 660-96807	Date Analyzed: 07/06/2010 1125					
Sulfide	1.0	U	mg/L	1.0	1.0	1.0	SM 4500 S2 F
	Analysis Batch: 660-96800	Date Analyzed: 07/03/2010 1400					
Nitrogen, Total	0.87		mg/L	0.21	0.21	1.0	Total Nitrogen
	Analysis Batch: 640-71048	Date Analyzed: 07/20/2010 0801					
Unionized Ammonia	0.031		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: 660-36059-1

Sdg Number: 36059

### General Chemistry

Client Sample ID: 070110-TPSWC-DUP1

Lab Sample ID: 660-36059-9

Date Sampled: 07/01/2010 1655

Client Matrix: Water

Date Received: 07/02/2010 0840

Analyte	Result	Qual	Units	MDL	PQL	Dil	Method
Bromide	75		mg/L	2.7	5.0	100	300.0
Run Type: DL	Analysis Batch: 660-97816	Date Analyzed: 07/28/2010 0921					
Chloride	22000		mg/L	200	500	1000	300.0
Run Type: DL2	Analysis Batch: 660-97816	Date Analyzed: 07/28/2010 0816					
Fluoride	0.10	U	mg/L	0.10	0.25	5.0	300.0
	Analysis Batch: 660-97816	Date Analyzed: 07/28/2010 0418					
Sulfate	3000		mg/L	200	500	1000	300.0
Run Type: DL2	Analysis Batch: 660-97816	Date Analyzed: 07/28/2010 0816					
Nitrogen, Kjeldahl	0.56		mg/L	0.050	0.20	1.0	351.2
	Analysis Batch: 660-97195	Date Analyzed: 07/14/2010 1404					
	Prep Batch: 660-97149	Date Prepared: 07/13/2010 1700					
Nitrate Nitrite as N	0.0073	I	mg/L	0.0047	0.010	1.0	353.2
	Analysis Batch: 640-70779	Date Analyzed: 07/11/2010 0817					
Phosphorus	0.021		mg/L	0.0044	0.010	1.0	365.1
	Analysis Batch: 640-70731	Date Analyzed: 07/08/2010 1453					
	Prep Batch: 640-70620	Date Prepared: 07/07/2010 1308					
Ammonia	0.036	I	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	0.050	I	mg/L	0.014	0.50	10	SM 4500 P E
	Analysis Batch: 640-70574	Date Analyzed: 07/03/2010 1029					
Analyte	Result	Qual	Units	PQL	PQL	Dil	Method
Dissolved Inorganic Carbon-Dissolved	30		mg/L	1.0	1.0	1.0	9060
	Analysis Batch: 680-174394	Date Analyzed: 07/15/2010 1023					
Alkalinity	160		mg/L	1.0	1.0	1.0	SM 2320B
	Analysis Batch: 660-97108	Date Analyzed: 07/12/2010 1623					
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 1623					
Sulfide	1.0	U	mg/L	1.0	1.0	1.0	SM 4500 S2 F
	Analysis Batch: 660-96800	Date Analyzed: 07/03/2010 1400					
Nitrogen, Total	0.57		mg/L	0.21	0.21	1.0	Total Nitrogen
	Analysis Batch: 640-70902	Date Analyzed: 07/14/2010 2112					

## Analytical Data

Client: Florida Power & Light Company

Job Number: 660-36059-1

Sdg Number: 36059

Client Sample ID: 070110-TPSWCCS-4B

Lab Sample ID: 660-36059-5

Date Sampled: 07/01/2010 1422

Client Matrix: Water

% Moisture:

Date Received: 07/02/2010 0840

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### 900.0 Gross Alpha and Gross Beta Radioactivity

Method:	900.0	Analysis Batch: 660-97360	Instrument ID:	NOEQUIP
Preparation:	N/A		Lab File ID:	N/A
Dilution:	1.0		Initial Weight/Volume:	1.0 mL
Date Analyzed:	07/12/2010 0800		Final Weight/Volume:	1.0 mL
Date Prepared:			Injection Volume:	

Analyte	Result (pCi/L)	Qualifier	PQL
Gross Alpha	54+-4		1.3

## Analytical Data

Client: Florida Power & Light Company

Job Number: 660-36059-1

Sdg Number: 36059

Client Sample ID: 070110-TPSWCCS-4T

Lab Sample ID: 660-36059-6

Date Sampled: 07/01/2010 1520

Client Matrix: Water

% Moisture:

Date Received: 07/02/2010 0840

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### 900.0 Gross Alpha and Gross Beta Radioactivity

Method:	900.0	Analysis Batch: 660-97360	Instrument ID:	NOEQUIP
Preparation:	N/A		Lab File ID:	N/A
Dilution:	1.0		Initial Weight/Volume:	1.0 mL
Date Analyzed:	07/12/2010 0800		Final Weight/Volume:	1.0 mL
Date Prepared:			Injection Volume:	

Analyte	Result (pCi/L)	Qualifier	PQL
Gross Alpha	38+-3		1.4

**Analytical Data**

Client: Florida Power &amp; Light Company

Job Number: 660-36059-1

Sdg Number: 36059

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**Field Service / Mobile Lab****Client Sample ID:** 070110-TPSWID-3B

Lab Sample ID: 660-36059-1

Date Sampled: 07/01/2010 1130

Client Matrix: Water

Date Received: 07/02/2010 0840

Analyte	Result	Qual	Units	Dil	Method	Analysis Batch	Date Analyzed Date Prepared
Field pH	7.37		SU	1.0	Field Sampling	660-97116	07/01/2010 1130
Field Temperature	30.05		Degrees C	1.0	Field Sampling	660-97116	07/01/2010 1130
Oxygen, Dissolved	9.14		mg/L	1.0	Field Sampling	660-97116	07/01/2010 1130
Specific Conductance	2420		umhos/cm	1.0	Field Sampling	660-97116	07/01/2010 1130
Turbidity	0.74		NTU	1.0	Field Sampling	660-97116	07/01/2010 1130



**Analytical Data**

Client: Florida Power &amp; Light Company

Job Number: 660-36059-1

Sdg Number: 36059

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**Field Service / Mobile Lab****Client Sample ID:** 070110-TPSWID-3T

Lab Sample ID: 660-36059-2

Date Sampled: 07/01/2010 1200

Client Matrix: Water

Date Received: 07/02/2010 0840

Analyte	Result	Qual	Units	Dil	Method	Analysis Batch	Date Analyzed Date Prepared
Field pH	2.64		SU	1.0	Field Sampling	660-97116	07/01/2010 1200
Field Temperature	31.72		Degrees C	1.0	Field Sampling	660-97116	07/01/2010 1200
Oxygen, Dissolved	7.15		mg/L	1.0	Field Sampling	660-97116	07/01/2010 1200
Specific Conductance	2437		umhos/cm	1.0	Field Sampling	660-97116	07/01/2010 1200
Turbidity	0.52		NTU	1.0	Field Sampling	660-97116	07/01/2010 1200

**Analytical Data**

Client: Florida Power &amp; Light Company

Job Number: 660-36059-1

Sdg Number: 36059

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**Field Service / Mobile Lab****Client Sample ID: 070110-TPSWC-4B**

Lab Sample ID: 660-36059-3

Date Sampled: 07/01/2010 1250

Client Matrix: Water

Date Received: 07/02/2010 0840

Analyte	Result	Qual	Units	Dil	Method	Analysis Batch	Date Analyzed Date Prepared
Field pH	6.86		SU	1.0	Field Sampling	660-97116	07/01/2010 1250
Field Temperature	28.64		Degrees C	1.0	Field Sampling	660-97116	07/01/2010 1250
Oxygen, Dissolved	0.27		mg/L	1.0	Field Sampling	660-97116	07/01/2010 1250
Specific Conductance	32300		umhos/cm	1.0	Field Sampling	660-97116	07/01/2010 1250
Turbidity	45.96		NTU	1.0	Field Sampling	660-97116	07/01/2010 1250

**Analytical Data**

Client: Florida Power &amp; Light Company

Job Number: 660-36059-1

Sdg Number: 36059

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**Field Service / Mobile Lab****Client Sample ID:** 070110-TPSWC-4T

Lab Sample ID: 660-36059-4

Date Sampled: 07/01/2010 1325

Client Matrix: Water

Date Received: 07/02/2010 0840

Analyte	Result	Qual	Units	Dil	Method	Analysis Batch	Date Analyzed Date Prepared
Field pH	7.31		SU	1.0	Field Sampling	660-97116	07/01/2010 1325
Field Temperature	31.96		Degrees C	1.0	Field Sampling	660-97116	07/01/2010 1325
Oxygen, Dissolved	4.90		mg/L	1.0	Field Sampling	660-97116	07/01/2010 1325
Specific Conductance	23040		umhos/cm	1.0	Field Sampling	660-97116	07/01/2010 1325
Turbidity	5.17		NTU	1.0	Field Sampling	660-97116	07/01/2010 1325

**Analytical Data**

Client: Florida Power &amp; Light Company

Job Number: 660-36059-1

Sdg Number: 36059

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**Field Service / Mobile Lab****Client Sample ID: 070110-TPSWCCS-4B**

Lab Sample ID: 660-36059-5

Date Sampled: 07/01/2010 1422

Client Matrix: Water

Date Received: 07/02/2010 0840

Analyte	Result	Qual	Units	Dil	Method	Analysis Batch	Date Analyzed Date Prepared
Field pH	8.28		SU	1.0	Field Sampling	660-97116	07/01/2010 1422
Field Temperature	34.41		Degrees C	1.0	Field Sampling	660-97116	07/01/2010 1422
Oxygen, Dissolved	8.76		mg/L	1.0	Field Sampling	660-97116	07/01/2010 1422
Specific Conductance	77590		umhos/cm	1.0	Field Sampling	660-97116	07/01/2010 1422
Turbidity	5.7		NTU	1.0	Field Sampling	660-97116	07/01/2010 1422

**Analytical Data**

Client: Florida Power &amp; Light Company

Job Number: 660-36059-1

Sdg Number: 36059

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**Field Service / Mobile Lab****Client Sample ID:** 070110-TPSWCCS-4T

Lab Sample ID: 660-36059-6

Date Sampled: 07/01/2010 1520

Client Matrix: Water

Date Received: 07/02/2010 0840

Analyte	Result	Qual	Units	Dil	Method	Analysis Batch	Date Analyzed Date Prepared
Field pH	7.96		SU	1.0	Field Sampling	660-97116	07/01/2010 1520
Field Temperature	32.81		Degrees C	1.0	Field Sampling	660-97116	07/01/2010 1520
Oxygen, Dissolved	9.82		mg/L	1.0	Field Sampling	660-97116	07/01/2010 1520
Specific Conductance	77500		umhos/cm	1.0	Field Sampling	660-97116	07/01/2010 1520
Turbidity	4.83		NTU	1.0	Field Sampling	660-97116	07/01/2010 1520

## DATA REPORTING QUALIFIERS

Client: Florida Power & Light Company

Job Number: 660-36059-1

Sdg Number: 36059

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: 660-36059-1

Sdg Number: 36059

### Method Blank - Batch: 680-174051

Method: 200.7 Rev 4.4

Preparation: N/A

Lab Sample ID: MB 680-173710/1-A  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 07/13/2010 1405  
Date Prepared: N/A

Analysis Batch: 680-174051  
Prep Batch: N/A  
Units: ug/L

Instrument ID: Varian ICP  
Lab File ID: E07132010\_SI.csv  
Initial Weight/Volume:  
Final Weight/Volume: 1.0 mL

Analyte	Result	Qual	MDL	PQL
SiO2, Silica	73.3	I	50	500

### Lab Control Sample - Batch: 680-174051

Method: 200.7 Rev 4.4

Preparation: N/A

Lab Sample ID: LCS 680-173710/2-A  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 07/13/2010 1408  
Date Prepared: N/A

Analysis Batch: 680-174051  
Prep Batch: N/A  
Units: ug/L

Instrument ID: Varian ICP  
Lab File ID: E07132010\_SI.csv  
Initial Weight/Volume:  
Final Weight/Volume: 1.0 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
SiO2, Silica	10000	9280	93	85 - 115	

### Matrix Spike/

### Matrix Spike Duplicate Recovery Report - Batch: 680-174051

Method: 200.7 Rev 4.4

Preparation: N/A

MS Lab Sample ID: 660-35986-K-1-D MS  
Client Matrix: Water  
Dilution: 5.0  
Date Analyzed: 07/13/2010 1458  
Date Prepared: N/A

Analysis Batch: 680-174051  
Prep Batch: N/A

Instrument ID: Varian ICP  
Lab File ID: E07132010\_SI.csv  
Initial Weight/Volume:  
Final Weight/Volume: 1.0 mL

MSD Lab Sample ID: 660-35986-K-1-E MSD  
Client Matrix: Water  
Dilution: 5.0  
Date Analyzed: 07/13/2010 1501  
Date Prepared: N/A

Analysis Batch: 680-174051  
Prep Batch: N/A

Instrument ID: Varian ICP  
Lab File ID: E07132010\_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	101	106	75 - 125	4	20		

## Quality Control Results

Client: Florida Power & Light Company

Job Number: 660-36059-1

Sdg Number: 36059

### Method Blank - Batch: 640-70573

Lab Sample ID: MB 640-70573/1-A  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 07/08/2010 0745  
Date Prepared: 07/06/2010 1100

Analysis Batch: 640-70693  
Prep Batch: 640-70573  
Units: ug/L

### Method: 200.7 Rev 4.4

#### Preparation: 200.7

#### Total Recoverable

Instrument ID: ICP2  
Lab File ID: 070910.csv  
Initial Weight/Volume: 50 mL  
Final Weight/Volume: 50 mL

Analyte	Result	Qual	MDL	PQL
Barium	0.81	U	0.81	10
Iron	4.96	I	2.7	50

### Lab Control Sample/

#### Lab Control Sample Duplicate Recovery Report - Batch: 640-70573

### Method: 200.7 Rev 4.4

#### Preparation: 200.7

#### Total Recoverable

LCS Lab Sample ID: LCS 640-70573/2-A  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 07/08/2010 0749  
Date Prepared: 07/06/2010 1100

Analysis Batch: 640-70693  
Prep Batch: 640-70573  
Units: ug/L

Instrument ID: ICP2  
Lab File ID: 070910.csv  
Initial Weight/Volume: 50 mL  
Final Weight/Volume: 50 mL

LCSD Lab Sample ID: LCSD 640-70573/3-A  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 07/08/2010 0752  
Date Prepared: 07/06/2010 1100

Analysis Batch: 640-70693  
Prep Batch: 640-70573  
Units: ug/L

Instrument ID: ICP2  
Lab File ID: 070910.csv  
Initial Weight/Volume: 50 mL  
Final Weight/Volume: 50 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
Barium	102	100	85 - 115	2	20		
Iron	97	96	85 - 115	1	20		



## Quality Control Results

Client: Florida Power & Light Company

Job Number: 660-36059-1

Sdg Number: 36059

### Matrix Spike/

### Matrix Spike Duplicate Recovery Report - Batch: 640-70573

### Method: 200.7 Rev 4.4

### Preparation: 200.7

### Total Recoverable

MS Lab Sample ID: 640-28638-C-1-B MS  
 Client Matrix: Water  
 Dilution: 1.0  
 Date Analyzed: 07/08/2010 0802  
 Date Prepared: 07/06/2010 1100

Analysis Batch: 640-70693  
 Prep Batch: 640-70573

Instrument ID: ICP2  
 Lab File ID: 070910.csv  
 Initial Weight/Volume: 50 mL  
 Final Weight/Volume: 50 mL

MSD Lab Sample ID: 640-28638-C-1-C MSD  
 Client Matrix: Water  
 Dilution: 1.0  
 Date Analyzed: 07/08/2010 0806  
 Date Prepared: 07/06/2010 1100

Analysis Batch: 640-70693  
 Prep Batch: 640-70573

Instrument ID: ICP2  
 Lab File ID: 070910.csv  
 Initial Weight/Volume: 50 mL  
 Final Weight/Volume: 50 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Barium	100	100	70 - 130	0	20		
Iron	168	229	70 - 130	1	20	J3	J3

### Duplicate - Batch: 640-70573

### Method: 200.7 Rev 4.4

### Preparation: 200.7

### Total Recoverable

Lab Sample ID: 640-28638-C-2-B DU  
 Client Matrix: Water  
 Dilution: 1.0  
 Date Analyzed: 07/08/2010 0827  
 Date Prepared: 07/06/2010 1100

Analysis Batch: 640-70693  
 Prep Batch: 640-70573  
 Units: ug/L

Instrument ID: ICP2  
 Lab File ID: 070910.csv  
 Initial Weight/Volume: 50 mL  
 Final Weight/Volume: 50 mL

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Barium	280	280	2	20	
Iron	37000	35900	2	20	

## Quality Control Results

Client: Florida Power & Light Company

Job Number: 660-36059-1

Sdg Number: 36059

### 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: 660-36059-1

Sdg Number: 36059

### 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: 660-36059-1  
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: 660-36059-1  
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: 660-36059-2  
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: 660-36059-1

Sdg Number: 36059

### Method Blank - Batch: 660-97518

Lab Sample ID: MB 660-97518/1-A  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 07/28/2010 0936  
Date Prepared: 07/22/2010 1113

Analysis Batch: 660-97794  
Prep Batch: 660-97518  
Units: mg/L

### Method: 6010B Preparation: 3005A Total Recoverable

Instrument ID: ICPA  
Lab File ID: 10G28A  
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: 660-97518

Lab Sample ID: MB 660-97518/1-A  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 07/28/2010 0936  
Date Prepared: 07/22/2010 1113

Analysis Batch: 660-97794  
Prep Batch: 660-97518  
Units: ug/L

### Method: 6010B Preparation: 3005A Total Recoverable

Instrument ID: ICPA  
Lab File ID: 10G28A  
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: 660-36059-1

Sdg Number: 36059

### Lab Control Sample - Batch: 660-97518

**Method: 6010B**  
**Preparation: 3005A**  
**Total Recoverable**

Lab Sample ID: LCS 660-97518/2-A  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 07/28/2010 0942  
Date Prepared: 07/22/2010 1113

Analysis Batch: 660-97794  
Prep Batch: 660-97518  
Units: mg/L

Instrument ID: ICPA  
Lab File ID: 10G28A  
Initial Weight/Volume: 50 mL  
Final Weight/Volume: 50 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Calcium	1.00	1.07	107	75 - 125	
Potassium	10.0	10.0	100	75 - 125	
Magnesium	1.00	1.03	103	75 - 125	
Sodium	10.0	9.78	98	75 - 125	

### Lab Control Sample - Batch: 660-97518

**Method: 6010B**  
**Preparation: 3005A**  
**Total Recoverable**

Lab Sample ID: LCS 660-97518/2-A  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 07/28/2010 0942  
Date Prepared: 07/22/2010 1113

Analysis Batch: 660-97794  
Prep Batch: 660-97518  
Units: ug/L

Instrument ID: ICPA  
Lab File ID: 10G28A  
Initial Weight/Volume: 50 mL  
Final Weight/Volume: 50 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Boron	1000	989	99	75 - 125	
Strontium	1000	1060	106	75 - 125	

## Quality Control Results

Client: Florida Power & Light Company

Job Number: 660-36059-1

Sdg Number: 36059

### Matrix Spike/

### Matrix Spike Duplicate Recovery Report - Batch: 660-97518

Method: 6010B

Preparation: 3005A

Total Recoverable

MS Lab Sample ID: 660-36323-L-1-B MS  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 07/28/2010 1001  
Date Prepared: 07/22/2010 1113

Analysis Batch: 660-97794  
Prep Batch: 660-97518

Instrument ID: ICPA  
Lab File ID: 10G28A  
Initial Weight/Volume: 50 mL  
Final Weight/Volume: 50 mL

MSD Lab Sample ID: 660-36323-L-1-C MSD  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 07/28/2010 1007  
Date Prepared: 07/22/2010 1113

Analysis Batch: 660-97794  
Prep Batch: 660-97518

Instrument ID: ICPA  
Lab File ID: 10G28A  
Initial Weight/Volume: 50 mL  
Final Weight/Volume: 50 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Calcium	143	158	75 - 125	0	20	J3	J3
Potassium	109	108	75 - 125	1	20		
Magnesium	124	138	75 - 125	1	20		J3
Sodium	111	108	75 - 125	1	20		

### Matrix Spike/

### Matrix Spike Duplicate Recovery Report - Batch: 660-97518

Method: 6010B

Preparation: 3005A

Total Recoverable

MS Lab Sample ID: 660-36323-L-1-B MS  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 07/28/2010 1001  
Date Prepared: 07/22/2010 1113

Analysis Batch: 660-97794  
Prep Batch: 660-97518

Instrument ID: ICPA  
Lab File ID: 10G28A  
Initial Weight/Volume: 50 mL  
Final Weight/Volume: 50 mL

MSD Lab Sample ID: 660-36323-L-1-C MSD  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 07/28/2010 1007  
Date Prepared: 07/22/2010 1113

Analysis Batch: 660-97794  
Prep Batch: 660-97518

Instrument ID: ICPA  
Lab File ID: 10G28A  
Initial Weight/Volume: 50 mL  
Final Weight/Volume: 50 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Boron	103	103	75 - 125	1	20		
Strontium	106	105	75 - 125	1	20		

## Quality Control Results

Client: Florida Power & Light Company

Job Number: 660-36059-1

Sdg Number: 36059

### Method Blank - Batch: 660-98247

Lab Sample ID: MB 660-98247/1-A  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 08/09/2010 0918  
Date Prepared: 08/06/2010 0828

Analysis Batch: 660-98346  
Prep Batch: 660-98247  
Units: mg/L

### Method: 6010B Preparation: 3005A Total Recoverable

Instrument ID: ICPA  
Lab File ID: 10H09A  
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: 660-98247

Lab Sample ID: MB 660-98247/1-A  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 08/09/2010 0918  
Date Prepared: 08/06/2010 0828

Analysis Batch: 660-98346  
Prep Batch: 660-98247  
Units: ug/L

### Method: 6010B Preparation: 3005A Total Recoverable

Instrument ID: ICPA  
Lab File ID: 10H09A  
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: 660-36059-1

Sdg Number: 36059

### Lab Control Sample - Batch: 660-98247

**Method: 6010B**  
**Preparation: 3005A**  
**Total Recoverable**

Lab Sample ID: LCS 660-98247/2-A  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 08/09/2010 0924  
Date Prepared: 08/06/2010 0828

Analysis Batch: 660-98346  
Prep Batch: 660-98247  
Units: mg/L

Instrument ID: ICPA  
Lab File ID: 10H09A  
Initial Weight/Volume: 50 mL  
Final Weight/Volume: 50 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Calcium	1.00	1.09	109	75 - 125	
Potassium	10.0	9.91	99	75 - 125	
Magnesium	1.00	1.05	105	75 - 125	
Sodium	10.0	10.2	102	75 - 125	

### Lab Control Sample - Batch: 660-98247

**Method: 6010B**  
**Preparation: 3005A**  
**Total Recoverable**

Lab Sample ID: LCS 660-98247/2-A  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 08/09/2010 0924  
Date Prepared: 08/06/2010 0828

Analysis Batch: 660-98346  
Prep Batch: 660-98247  
Units: ug/L

Instrument ID: ICPA  
Lab File ID: 10H09A  
Initial Weight/Volume: 50 mL  
Final Weight/Volume: 50 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Boron	1000	1010	101	75 - 125	
Strontium	1000	1050	105	75 - 125	



## Quality Control Results

Client: Florida Power & Light Company

Job Number: 660-36059-1

Sdg Number: 36059

### Matrix Spike/

### Matrix Spike Duplicate Recovery Report - Batch: 660-98247

Method: 6010B

Preparation: 3005A

Total Recoverable

MS Lab Sample ID: 660-36459-J-2-B MS  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 08/09/2010 1125  
Date Prepared: 08/06/2010 0828

Analysis Batch: 660-98346  
Prep Batch: 660-98247

Instrument ID: ICPA  
Lab File ID: 10H09A  
Initial Weight/Volume: 50 mL  
Final Weight/Volume: 50 mL

MSD Lab Sample ID: 660-36459-J-2-C MSD  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 08/09/2010 1131  
Date Prepared: 08/06/2010 0828

Analysis Batch: 660-98346  
Prep Batch: 660-98247

Instrument ID: ICPA  
Lab File ID: 10H09A  
Initial Weight/Volume: 50 mL  
Final Weight/Volume: 50 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Calcium	211	219	75 - 125	4	20	J3	J3
Potassium	101	102	75 - 125	1	20		
Magnesium	109	109	75 - 125	0	20		
Sodium	112	115	75 - 125	2	20		

### Matrix Spike/

### Matrix Spike Duplicate Recovery Report - Batch: 660-98247

Method: 6010B

Preparation: 3005A

Total Recoverable

MS Lab Sample ID: 660-36459-J-2-B MS  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 08/09/2010 1125  
Date Prepared: 08/06/2010 0828

Analysis Batch: 660-98346  
Prep Batch: 660-98247

Instrument ID: ICPA  
Lab File ID: 10H09A  
Initial Weight/Volume: 50 mL  
Final Weight/Volume: 50 mL

MSD Lab Sample ID: 660-36459-J-2-C MSD  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 08/09/2010 1131  
Date Prepared: 08/06/2010 0828

Analysis Batch: 660-98346  
Prep Batch: 660-98247

Instrument ID: ICPA  
Lab File ID: 10H09A  
Initial Weight/Volume: 50 mL  
Final Weight/Volume: 50 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Boron	99	100	75 - 125	1	20		
Strontium	111	112	75 - 125	1	20		

## Quality Control Results

Client: Florida Power & Light Company

Job Number: 660-36059-1

Sdg Number: 36059

### Method Blank - Batch: 660-97270

Method: 300.0

Preparation: N/A

Lab Sample ID: MB 660-97270/3  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 07/15/2010 0207  
Date Prepared: N/A

Analysis Batch: 660-97270  
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
Chloride	0.20	U	0.20	0.50
Sulfate	0.20	U	0.20	0.50

### Lab Control Sample - Batch: 660-97270

Method: 300.0

Preparation: N/A

Lab Sample ID: LCS 660-97270/4  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 07/15/2010 0228  
Date Prepared: N/A

Analysis Batch: 660-97270  
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
Chloride	10.0	10.4	104	90 - 110	
Sulfate	10.0	10.3	103	90 - 110	

## Quality Control Results

Client: Florida Power & Light Company

Job Number: 660-36059-1

Sdg Number: 36059

### Matrix Spike/

### Matrix Spike Duplicate Recovery Report - Batch: 660-97270

Method: 300.0

Preparation: N/A

MS Lab Sample ID: 660-36134-A-2 MS  
 Client Matrix: Water  
 Dilution: 1.0  
 Date Analyzed: 07/15/2010 0627  
 Date Prepared: N/A

Analysis Batch: 660-97270  
 Prep Batch: N/A

Instrument ID: DIONEX2  
 Lab File ID: 22.0000.TXT  
 Initial Weight/Volume:  
 Final Weight/Volume: 50 mL

MSD Lab Sample ID: 660-36134-A-2 MSD  
 Client Matrix: Water  
 Dilution: 1.0  
 Date Analyzed: 07/15/2010 0649  
 Date Prepared: N/A

Analysis Batch: 660-97270  
 Prep Batch: N/A

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

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Sulfate	99	100	90 - 110	0	30		

### Matrix Spike/

### Matrix Spike Duplicate Recovery Report - Batch: 660-97270

Method: 300.0

Preparation: N/A

MS Lab Sample ID: 660-36129-B-2 MS ^10  
 Client Matrix: Water  
 Dilution: 10  
 Date Analyzed: 07/15/2010 0815  
 Date Prepared: N/A

Analysis Batch: 660-97270  
 Prep Batch: N/A

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

MSD Lab Sample ID: 660-36129-B-2 MSD ^10  
 Client Matrix: Water  
 Dilution: 10  
 Date Analyzed: 07/15/2010 0837  
 Date Prepared: N/A

Analysis Batch: 660-97270  
 Prep Batch: N/A

Instrument ID: DIONEX2  
 Lab File ID: 28.0000.TXT  
 Initial Weight/Volume:  
 Final Weight/Volume: 50 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Chloride	114	112	90 - 110	1	30	J3	J3

## Quality Control Results

Client: Florida Power & Light Company

Job Number: 660-36059-1

Sdg Number: 36059

### Method Blank - Batch: 660-97308

Method: 300.0

Preparation: N/A

Lab Sample ID: MB 660-97308/3  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 07/15/2010 1942  
Date Prepared: N/A

Analysis Batch: 660-97308  
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: 660-97308

Method: 300.0

Preparation: N/A

Lab Sample ID: LCS 660-97308/4  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 07/15/2010 2004  
Date Prepared: N/A

Analysis Batch: 660-97308  
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	1.02	102	90 - 110	
Chloride	10.0	10.4	104	90 - 110	
Sulfate	10.0	10.4	104	90 - 110	

## Quality Control Results

Client: Florida Power & Light Company

Job Number: 660-36059-1

Sdg Number: 36059

### Matrix Spike/

**Matrix Spike Duplicate Recovery Report - Batch: 660-97308**

**Method: 300.0**

**Preparation: N/A**

MS Lab Sample ID: 660-36096-D-1 MS ^10  
Client Matrix: Water  
Dilution: 10  
Date Analyzed: 07/16/2010 0349  
Date Prepared: N/A

Analysis Batch: 660-97308  
Prep Batch: N/A

Instrument ID: DIONEX2  
Lab File ID: 29.0000.TXT  
Initial Weight/Volume:  
Final Weight/Volume: 50 mL

MSD Lab Sample ID: 660-36096-D-1 MSD ^10  
Client Matrix: Water  
Dilution: 10  
Date Analyzed: 07/16/2010 0410  
Date Prepared: N/A

Analysis Batch: 660-97308  
Prep Batch: N/A

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

Analyte	<u>% Rec.</u>		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Bromide	107	105	90 - 110	1	30		
Chloride	113	111	90 - 110	1	30	J3	J3
Sulfate	110	105	90 - 110	2	30		

## Quality Control Results

Client: Florida Power & Light Company

Job Number: 660-36059-1

Sdg Number: 36059

### Method Blank - Batch: 660-97419

Method: 300.0

Preparation: N/A

Lab Sample ID: MB 660-97419/3  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 07/16/2010 1704  
Date Prepared: N/A

Analysis Batch: 660-97419  
Prep Batch: N/A  
Units: mg/L

Instrument ID: DIONEX 1  
Lab File ID: 10.0000.TXT  
Initial Weight/Volume:  
Final Weight/Volume: 5 mL

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

### Lab Control Sample - Batch: 660-97419

Method: 300.0

Preparation: N/A

Lab Sample ID: LCS 660-97419/4  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 07/16/2010 1722  
Date Prepared: N/A

Analysis Batch: 660-97419  
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	Spike Amount	Result	% Rec.	Limit	Qual
Bromide	1.00	0.991	99	90 - 110	
Sulfate	10.0	10.8	108	90 - 110	

## Quality Control Results

Client: Florida Power & Light Company

Job Number: 660-36059-1

Sdg Number: 36059

### Matrix Spike/

**Matrix Spike Duplicate Recovery Report - Batch: 660-97419**

**Method: 300.0**

**Preparation: N/A**

MS Lab Sample ID: 660-36148-A-1 MS ^100  
Client Matrix: Water  
Dilution: 100  
Date Analyzed: 07/16/2010 2301  
Date Prepared: N/A

Analysis Batch: 660-97419  
Prep Batch: N/A

Instrument ID: DIONEX 1  
Lab File ID: 29.0000.TXT  
Initial Weight/Volume:  
Final Weight/Volume: 50 mL

MSD Lab Sample ID: 660-36148-A-1 MSD  
Client Matrix: Water  
Dilution: 100  
Date Analyzed: 07/16/2010 2318  
Date Prepared: N/A

Analysis Batch: 660-97419  
Prep Batch: N/A

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

Analyte	<u>% Rec.</u>		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Bromide	109	109	90 - 110	0	30		
Sulfate	105	105	90 - 110	0	30		

## Quality Control Results

Client: Florida Power & Light Company

Job Number: 660-36059-1

Sdg Number: 36059

### Method Blank - Batch: 660-97477

Method: 300.0

Preparation: N/A

Lab Sample ID: MB 660-97477/3  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 07/20/2010 1842  
Date Prepared: N/A

Analysis Batch: 660-97477  
Prep Batch: N/A  
Units: mg/L

Instrument ID: DIONEX 1  
Lab File ID: 10.0000.TXT  
Initial Weight/Volume:  
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	PQL
Fluoride	0.020	U	0.020	0.050

### Lab Control Sample - Batch: 660-97477

Method: 300.0

Preparation: N/A

Lab Sample ID: LCS 660-97477/4  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 07/20/2010 1905  
Date Prepared: N/A

Analysis Batch: 660-97477  
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	Spike Amount	Result	% Rec.	Limit	Qual
Fluoride	1.00	0.965	96	90 - 110	

### Matrix Spike/

### Matrix Spike Duplicate Recovery Report - Batch: 660-97477

Method: 300.0

Preparation: N/A

MS Lab Sample ID: 660-36287-B-2 MS  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 07/20/2010 1958  
Date Prepared: N/A

Analysis Batch: 660-97477  
Prep Batch: N/A

Instrument ID: DIONEX 1  
Lab File ID: 14.0000.TXT  
Initial Weight/Volume:  
Final Weight/Volume: 50 mL

MSD Lab Sample ID: 660-36287-B-2 MSD  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 07/20/2010 2015  
Date Prepared: N/A

Analysis Batch: 660-97477  
Prep Batch: N/A

Instrument ID: DIONEX 1  
Lab File ID: 15.0000.TXT  
Initial Weight/Volume:  
Final Weight/Volume: 50 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Fluoride	88	91	90 - 110	2	30	J3	



## Quality Control Results

Client: Florida Power & Light Company

Job Number: 660-36059-1

Sdg Number: 36059

### 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
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: 660-97816

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	
Chloride	10.0	10.0	100	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: 660-36059-1

Sdg Number: 36059

### Matrix Spike/

### Matrix Spike Duplicate Recovery Report - Batch: 660-97816

Method: 300.0

Preparation: N/A

MS Lab Sample ID: 660-36059-4DL2  
Client Matrix: Water  
Dilution: 500  
Date Analyzed: 07/28/2010 0606  
Date Prepared: N/A

Analysis Batch: 660-97816  
Prep Batch: N/A  
Run Type: DL2

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

MSD Lab Sample ID: 660-36059-4DL2  
Client Matrix: Water  
Dilution: 500  
Date Analyzed: 07/28/2010 0628  
Date Prepared: N/A

Analysis Batch: 660-97816  
Prep Batch: N/A  
Run Type: DL2

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

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Chloride	104	101	90 - 110	1	30		
Fluoride	102	104	90 - 110	2	30		
Sulfate	117	109	90 - 110	5	30	J3	

### Matrix Spike/

### Matrix Spike Duplicate Recovery Report - Batch: 660-97816

Method: 300.0

Preparation: N/A

MS Lab Sample ID: 660-36059-9  
Client Matrix: Water  
Dilution: 1000  
Date Analyzed: 07/28/2010 0838  
Date Prepared: N/A

Analysis Batch: 660-97816  
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: 660-36059-9  
Client Matrix: Water  
Dilution: 1000  
Date Analyzed: 07/28/2010 0900  
Date Prepared: N/A

Analysis Batch: 660-97816  
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	105	105	90 - 110	0	30		
Chloride	94	96	90 - 110	1	30		
Sulfate	106	107	90 - 110	1	30		

## Quality Control Results

Client: Florida Power & Light Company

Job Number: 660-36059-1

Sdg Number: 36059

### Method Blank - Batch: 660-96958

Lab Sample ID: MB 660-96958/10-A  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 07/12/2010 1338  
Date Prepared: 07/08/2010 1745

Analysis Batch: 660-97095  
Prep Batch: 660-96958  
Units: mg/L

### Method: 351.2 Preparation: 351.2

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: 660-96958

Lab Sample ID: LCS 660-96958/11-A  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 07/12/2010 1338  
Date Prepared: 07/08/2010 1745

Analysis Batch: 660-97095  
Prep Batch: 660-96958  
Units: mg/L

### Method: 351.2 Preparation: 351.2

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	3.00	100	90 - 110	

## Quality Control Results

Client: Florida Power & Light Company

Job Number: 660-36059-1

Sdg Number: 36059

### Matrix Spike/

### Matrix Spike Duplicate Recovery Report - Batch: 660-96958

### Method: 351.2

### Preparation: 351.2

MS Lab Sample ID: 660-36050-B-1-E MS  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 07/12/2010 1338  
Date Prepared: 07/08/2010 1745

Analysis Batch: 660-97095  
Prep Batch: 660-96958

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

MSD Lab Sample ID: 660-36050-B-1-F MSD  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 07/12/2010 1338  
Date Prepared: 07/08/2010 1745

Analysis Batch: 660-97095  
Prep Batch: 660-96958

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	100	100	90 - 110	0	30		

### Matrix Spike/

### Matrix Spike Duplicate Recovery Report - Batch: 660-96958

### Method: 351.2

### Preparation: 351.2

MS Lab Sample ID: 660-36105-A-1-E MS  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 07/12/2010 1338  
Date Prepared: 07/08/2010 1745

Analysis Batch: 660-97095  
Prep Batch: 660-96958

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

MSD Lab Sample ID: 660-36105-A-1-F MSD  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 07/12/2010 1338  
Date Prepared: 07/08/2010 1745

Analysis Batch: 660-97095  
Prep Batch: 660-96958

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	71	92	90 - 110	15	30	J3	

## Quality Control Results

Client: Florida Power & Light Company

Job Number: 660-36059-1

Sdg Number: 36059

### 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: 660-36200-A-2-E MS  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 07/14/2010 1401  
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: 660-36200-A-2-F MSD  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 07/14/2010 1402  
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	97	93	90 - 110	4	30		

## Quality Control Results

Client: Florida Power & Light Company

Job Number: 660-36059-1

Sdg Number: 36059

### Method Blank - Batch: 640-70779

Method: 353.2

Preparation: N/A

Lab Sample ID: MB 640-70779/1  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 07/11/2010 0720  
Date Prepared: N/A

Analysis Batch: 640-70779  
Prep Batch: N/A  
Units: mg/L

Instrument ID: ASTORIA  
Lab File ID: NO2+NO3071110AOrange.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: 640-70779

Method: 353.2

Preparation: N/A

LCS Lab Sample ID: LCS 640-70779/3  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 07/11/2010 0723  
Date Prepared: N/A

Analysis Batch: 640-70779  
Prep Batch: N/A  
Units: mg/L

Instrument ID: ASTORIA  
Lab File ID: NO2+NO3071110AOrange.txt  
Initial Weight/Volume: 25.0 mL  
Final Weight/Volume: 25.0 mL

LCSD Lab Sample ID: LCSD 640-70779/4  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 07/11/2010 0724  
Date Prepared: N/A

Analysis Batch: 640-70779  
Prep Batch: N/A  
Units: mg/L

Instrument ID: ASTORIA  
Lab File ID: NO2+NO3071110AOrange.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	109	107	90 - 110	2	30		

## Quality Control Results

Client: Florida Power & Light Company

Job Number: 660-36059-1

Sdg Number: 36059

### Matrix Spike/

### Matrix Spike Duplicate Recovery Report - Batch: 640-70779

Method: 353.2

Preparation: N/A

MS Lab Sample ID: 660-36059-1  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 07/11/2010 0756  
Date Prepared: N/A

Analysis Batch: 640-70779  
Prep Batch: N/A

Instrument ID: ASTORIA  
Lab File ID: NO2+NO3071110AOrange.t  
Initial Weight/Volume: 25.0 mL  
Final Weight/Volume: 25.0 mL

MSD Lab Sample ID: 660-36059-1  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 07/11/2010 0757  
Date Prepared: N/A

Analysis Batch: 640-70779  
Prep Batch: N/A

Instrument ID: ASTORIA  
Lab File ID: NO2+NO3071110AOrange.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	129	116	90 - 110	10	30	J3	J3

### Duplicate - Batch: 640-70779

Method: 353.2

Preparation: N/A

Lab Sample ID: 640-28705-A-4 DU  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 07/11/2010 0729  
Date Prepared: N/A

Analysis Batch: 640-70779  
Prep Batch: N/A  
Units: mg/L

Instrument ID: ASTORIA  
Lab File ID: NO2+NO3071110AOrange.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	0.12	0.122	1	30	

## Quality Control Results

Client: Florida Power & Light Company

Job Number: 660-36059-1

Sdg Number: 36059

### Method Blank - Batch: 640-70620

Method: 365.1

Preparation: 365.2/365.3/365

Lab Sample ID: MB 640-70620/1-A  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 07/08/2010 1356  
Date Prepared: 07/07/2010 1308

Analysis Batch: 640-70731  
Prep Batch: 640-70620  
Units: mg/L

Instrument ID: ASTORIA2  
Lab File ID: TP070810A.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: 640-70620

Method: 365.1

Preparation: 365.2/365.3/365

LCS Lab Sample ID: LCS 640-70620/3-A  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 07/08/2010 1359  
Date Prepared: 07/07/2010 1308

Analysis Batch: 640-70731  
Prep Batch: 640-70620  
Units: mg/L

Instrument ID: ASTORIA2  
Lab File ID: TP070810A.txt  
Initial Weight/Volume: 25.0 mL  
Final Weight/Volume: 25.0 mL

LCSD Lab Sample ID: LCSD 640-70620/4-A  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 07/08/2010 1401  
Date Prepared: 07/07/2010 1308

Analysis Batch: 640-70731  
Prep Batch: 640-70620  
Units: mg/L

Instrument ID: ASTORIA2  
Lab File ID: TP070810A.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	100	100	90 - 110	0	30		



## Quality Control Results

Client: Florida Power & Light Company

Job Number: 660-36059-1

Sdg Number: 36059

### Matrix Spike/

### Matrix Spike Duplicate Recovery Report - Batch: 640-70620

### Method: 365.1

### Preparation: 365.2/365.3/365

MS Lab Sample ID: 660-36059-4  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 07/08/2010 1437  
Date Prepared: 07/07/2010 1308

Analysis Batch: 640-70731  
Prep Batch: 640-70620

Instrument ID: ASTORIA2  
Lab File ID: TP070810A.txt  
Initial Weight/Volume: 25.0 mL  
Final Weight/Volume: 25.0 mL

MSD Lab Sample ID: 660-36059-4  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 07/08/2010 1438  
Date Prepared: 07/07/2010 1308

Analysis Batch: 640-70731  
Prep Batch: 640-70620

Instrument ID: ASTORIA2  
Lab File ID: TP070810A.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	94	99	90 - 110	5	30		

### Duplicate - Batch: 640-70620

### Method: 365.1

### Preparation: 365.2/365.3/365

Lab Sample ID: 640-28690-A-1-E DU  
Client Matrix: Water  
Dilution: 5.0  
Date Analyzed: 07/08/2010 1459  
Date Prepared: 07/07/2010 1308

Analysis Batch: 640-70731  
Prep Batch: 640-70620  
Units: mg/L

Instrument ID: ASTORIA2  
Lab File ID: TP070810A.txt  
Initial Weight/Volume: 25.0 mL  
Final Weight/Volume: 25.0 mL

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Phosphorus	3.9	3.97	3	30	

## Quality Control Results

Client: Florida Power & Light Company

Job Number: 660-36059-1

Sdg Number: 36059

### Method Blank - Batch: 680-174394

Lab Sample ID: MB 680-174394/1  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 07/15/2010 1023  
Date Prepared: N/A

Analysis Batch: 680-174394  
Prep Batch: N/A  
Units: mg/L

### Method: 9060 Preparation: N/A

Instrument ID: TOC3  
Lab File ID: N/A  
Initial Weight/Volume: 25 mL  
Final Weight/Volume: 25 mL

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: 660-36059-1

Sdg Number: 36059

### 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: 660-36031-K-1 DU  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 07/12/2010 1537  
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	180	174	2	30	
Carbonate Alkalinity as CaCO <sub>3</sub>	1.0 U	1.0	NC	30	U

## Quality Control Results

Client: Florida Power & Light Company

Job Number: 660-36059-1

Sdg Number: 36059

### Method Blank - Batch: 660-96807

Method: SM 2540C

Preparation: N/A

Lab Sample ID: MB 660-96807/1  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 07/06/2010 1117  
Date Prepared: N/A

Analysis Batch: 660-96807  
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: 660-96807

Method: SM 2540C

Preparation: N/A

Lab Sample ID: LCS 660-96807/2  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 07/06/2010 1117  
Date Prepared: N/A

Analysis Batch: 660-96807  
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	10100	101	80 - 120	

### Duplicate - Batch: 660-96807

Method: SM 2540C

Preparation: N/A

Lab Sample ID: 660-36031-J-5 DU  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 07/06/2010 1122  
Date Prepared: N/A

Analysis Batch: 660-96807  
Prep Batch: N/A  
Units: mg/L

Instrument ID: No Equipment Assigned  
Lab File ID: N/A  
Initial Weight/Volume: 1 mL  
Final Weight/Volume: 50 mL

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Total Dissolved Solids	80000	80200	0	20	

## Quality Control Results

Client: Florida Power & Light Company

Job Number: 660-36059-1

Sdg Number: 36059

### 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: 660-36059-1  
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: 660-36059-1  
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: 660-36059-1

Sdg Number: 36059

**Duplicate - Batch: 680-175577**

**Method: SM 4500 NH3 G**

**Preparation: SM 4500 NH3 B**

Lab Sample ID: 660-36118-B-4-B DU

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: 660-36059-1

Sdg Number: 36059

### Method Blank - Batch: 640-70574

Method: SM 4500 P E

Preparation: N/A

Lab Sample ID: MB 640-70574/1  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 07/03/2010 0957  
Date Prepared: N/A

Analysis Batch: 640-70574  
Prep Batch: N/A  
Units: mg/L

Instrument ID: ASTORIA2  
Lab File ID: OP070310B.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: 640-70574

Method: SM 4500 P E

Preparation: N/A

LCS Lab Sample ID: LCS 640-70574/3  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 07/03/2010 0959  
Date Prepared: N/A

Analysis Batch: 640-70574  
Prep Batch: N/A  
Units: mg/L

Instrument ID: ASTORIA2  
Lab File ID: OP070310B.txt  
Initial Weight/Volume: 25 mL  
Final Weight/Volume: 25 mL

LCSD Lab Sample ID: LCSD 640-70574/4  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 07/03/2010 1001  
Date Prepared: N/A

Analysis Batch: 640-70574  
Prep Batch: N/A  
Units: mg/L

Instrument ID: ASTORIA2  
Lab File ID: OP070310B.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	99	100	90 - 110	1	30	I	I

## Quality Control Results

Client: Florida Power & Light Company

Job Number: 660-36059-1

Sdg Number: 36059

### Matrix Spike/

### Matrix Spike Duplicate Recovery Report - Batch: 640-70574

Method: SM 4500 P E

Preparation: N/A

MS Lab Sample ID: 660-36059-1  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 07/03/2010 1033  
Date Prepared: N/A

Analysis Batch: 640-70574  
Prep Batch: N/A

Instrument ID: ASTORIA2  
Lab File ID: OP070310B.txt  
Initial Weight/Volume: 25 mL  
Final Weight/Volume: 25 mL

MSD Lab Sample ID: 660-36059-1  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 07/03/2010 1034  
Date Prepared: N/A

Analysis Batch: 640-70574  
Prep Batch: N/A

Instrument ID: ASTORIA2  
Lab File ID: OP070310B.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	87	88	90 - 110	1	30	I J3	I J3

### Duplicate - Batch: 640-70574

Method: SM 4500 P E

Preparation: N/A

Lab Sample ID: 660-36059-1  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 07/03/2010 1031  
Date Prepared: N/A

Analysis Batch: 640-70574  
Prep Batch: N/A  
Units: mg/L

Instrument ID: ASTORIA2  
Lab File ID: OP070310B.txt  
Initial Weight/Volume: 25 mL  
Final Weight/Volume: 25 mL

Analyte	Sample Result/Qual		Result	RPD	Limit	Qual
ortho-Phosphate-Dissolved	0.0022	I	0.00190	16.0	30	I



## Quality Control Results

Client: Florida Power & Light Company

Job Number: 660-36059-1

Sdg Number: 36059

### Method Blank - Batch: 660-96800

Method: SM 4500 S2 F

Preparation: N/A

Lab Sample ID: MB 660-96800/1  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 07/03/2010 1400  
Date Prepared: N/A

Analysis Batch: 660-96800  
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: 660-96800

Method: SM 4500 S2 F

Preparation: N/A

LCS Lab Sample ID: LCS 660-96800/2  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 07/03/2010 1400  
Date Prepared: N/A

Analysis Batch: 660-96800  
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 660-96800/3  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 07/03/2010 1400  
Date Prepared: N/A

Analysis Batch: 660-96800  
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	91	91	75 - 125	0	25		

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

660-36059

Chain of Custody Record

TestAmerica  
THE LEADER IN ENVIRONMENTAL TESTING

<b>Client Information</b>		Sample ID: <b>364065</b>		Lab Pk: <b>Fritz, Tina</b>		Carrier Tracking No(s):		COC No: <b>660-29693.1</b>	
Client Contact: <b>Ms. Stacy Foster</b>		Phone: <b>813-640-6552</b>		E-Mail: <b>tina.fritz@testamerica.com</b>				Page: <b>1 of 2</b>	
Company: <b>Florida Power &amp; Light Company</b>		Address: <b>700 Universe Blvd (SPAUB)</b>		City: <b>Juno Beach</b>		State, Zip: <b>FL 33408</b>		Job #:	
Due Date Requested:		TAT Requested (days):		PO #:		Purchase Order Requested		Preservation Codes:	
Email: <b>Stacy_foster@fpl.com</b>		Project #:		MO #:				A - HCL B - NaOH C - Zn Acetate D - Nitric Acid E - NaHSO4 F - MeOH G - Amchlor H - Ascorbic Acid I - Ice J - DI Water K - EDTA L - EDA Other:	
Project Name: <b>FPL Turkey Point (SA GW w/nutrients)</b>		Project #:		SSOW#:				M - Hexane N - None O - AsNaO2 P - Na2OAS Q - Na2SO3 R - Na2S2O3 S - H2SO4 T - TSP Dodecylsulfate U - Acetone V - MCAA W - pH 4-5 Z - other (specify)	
Site:								Special Instructions/Note:	
<b>Sample Identification</b>		<b>Sample Date</b>		<b>Sample Time</b>		<b>Sample Type (C=comp, G=grab)</b>		<b>Matrix (W=water, S=solid, O=overfill, BT=triss, A=air)</b>	
070110		07/01/10		1130		G		Water	
TPGW-SPID-3T				1200				Water	
TPGW-SPID-4B				1250				Water	
TPGW-SPID-4T				1325				Water	
TPGW-SWCCS-4B				1422				Water	
TPGW-SWCCS-4T				1520				Water	
TPGW-SWCCS-5B				1625				Water	
TPGW-SWCCS-5T				1715				Water	
TPGW-SWCCS-Dup1				1655				Water	
TPGW-								Water	
TPGW-								Water	
TPGW-								Water	
<b>Possible Hazard Identification</b>		<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:		Method of Shipment:			
Relinquished by: <b>Stacy Foster</b>		Date/Time: <b>07/01/10 1814</b>		Company: <b>FA</b>		Received by: <b>Tina Fritz</b>		Date/Time: <b>7/1/10 1814</b>	
Relinquished by: <b>Tina Fritz</b>		Date/Time: <b>7/1/10 2100</b>		Company: <b>FA</b>		Received by: <b>Connel McNeilly</b>		Date/Time: <b>7/2/10 0840</b>	
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No.:				Cooler Temperature(s) °C and Other Remarks: <b>3.6, 3.8, 4.2, 20°C CW07</b>		Company: <b>TestAmerica</b>	

36059

SRP	Station #	Date	Atom	Total Depth	Sample Depth	H <sub>2</sub> O Temp	DO mg/L	DO % sat	mg/cm Conc	ft	Turbid
90.0	063010 - TPRSUC-58	10/06/01	11:37	3.0	2.0	34.68	7.84	148.9	4757	8.32	5.2
193.0	070110 - TPRSUC-38	10/07/01	11:25	12.0	11.0	30.05	4.14	55.5	2.42	7.34	0.74
108.8	070110 - TPRSUC-37	10/07/01	11:55	12.0	1.0	31.72	7.15	98.0	2.437	7.44	0.52
64.2	070110 - TPRSUC-48	10/07/01	12:46	4.5	3.5	29.04	0.27	3.9	32.30	6.86	145.96
70.0	070110 - TPRSUC-47	10/07/01	13:20	4.5	1.0	31.90	4.90	72.3	23.04	7.31	15.17
147.1	070110 - TPRSUC-48	10/07/01	14:17	16 ft	15 ft	34.41	8.70	100.0	77.59	8.28	5.7
102.3	070110 - TPRSUC-47	10/07/01	15:15	10 ft	1 ft	34.93	9.82	187.5	77.50	8.33	4.83
190.3	070110 - TPRSUC-58	10/07/01	16:20	14 ft	13 ft	32.35	3.40	65.0	49.20	7.70	2.29
182.3	070110 - TPRSUC-57	10/07/01	17:10	14 ft	1 ft	32.81	6.03	109.2	47.34	7.90	6.26
124.6	070110 - TPRSUC-181	10/07/01	12:12	12 ft	11 ft	28.89	5.54	71.9	0.47	7.59	1.89
163.0	070110 - TPRSUC-17	10/07/01	12:47	12 ft	1 ft	30.53	4.59	61.3	.512	7.61	1.17
156.6	070110 - TPRSUC-28	10/07/01	13:50	10 ft	9 ft	30.25	5.28	70.2	.596	7.87	7.12
186.7	070110 - TPRSUC-27	10/07/01	14:18	10 ft	1 ft	31.90	6.01	90.5	.597	7.91	1.79
192.5	070110 - TPRSUC-38	10/07/01	15:20	10 ft	9 ft	30.54	5.77	77.1	6.019	7.61	1.55
199.3	070110 - TPRSUC-37	10/07/01	15:47	10 ft	1 ft	32.58	8.04	111.3	6.87	7.80	1.21

## Login Sample Receipt Check List

Client: Florida Power & Light Company

Job Number: 660-36059-1

SDG Number: 36059

Login Number: 36059

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	True	
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	3.6, 3.8, 4.2 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: 660-36059-1

SDG Number: 36059

Login Number: 36059

List Source: TestAmerica Savannah

Creator: Daughtry, Beth

List Creation: 07/07/10 09:53 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?	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: 660-36059-1

SDG Number: 36059

Login Number: 36059

List Source: TestAmerica Tallahassee

Creator: Archie, Datiska

List Creation: 07/02/10 06:15 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	