

ANALYTICAL REPORT

Job Number: 660-35863-1

SDG Number: 35863

Job Description: FPL Turkey Point Analytical Services

For:

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

Attention: Ms. Stacy Foster



Approved for release.
Amy Atkins
Project Manager I
8/24/2010 8:41 AM

Amy Atkins
Project Manager I
amy.atkins@testamericainc.com
08/24/2010
Revision: 1

cc: Ms. Sharon Ewe

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

DRAFT

THE DATA IN THIS REPORT HAS NOT HAD A FINAL QA/QC CHECK.

Job Narrative
660-35863-1

Comments

Report revised to show lower limits for 200.7.

Receipt

All samples were received in good condition within temperature requirements.

Metals

Method 200.7 Rev 4.4: The following sample was diluted due to the nature of the sample matrix: 062110-TPGW-2D (660-35863-5).

Method 200.7 Rev 4.4: The matrix duplicate sample was outside control limits for Barium. The sample is flagged with J3.

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

Method 6010B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for Boron, Calcium, Magnesium, Potassium, Sodium and Strontium in batch 96364 were outside control limits with the sample greater than 4x the spike level. The associated laboratory control sample (LCS) recovery met acceptance criteria.

General Chemistry

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

Method 300.0: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 96581 were outside control limits for Fluoride. The associated laboratory control sample (LCS) recovery met acceptance criteria. The data is flagged with a J3.

Method 300.0: Due to matrix, samples were pre-diluted for Fluoride 062110-TPGW-2D (660-35863-5), 062110-TPGW-6D (660-35863-3), 062110-TPGW-6M (660-35863-2), 062110-TPGW-Dup1 (660-35863-4).

Method SM 3500 CR B: The following samples were received outside of holding time for hexavalent chromium: 062110-TPGW-2D (660-35863-5), 062110-TPGW-6D (660-35863-3), 062110-TPGW-6M (660-35863-2). The samples are flagged with Q.

Method 351.2: The matrix spike (MS) recovery for batch 96389 was outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria.

Method 351.2: Due to analyst error, sample 062110-TPGW-Dup1 (660-35863-4) was not spiked.

Method 353.2: The matrix spike / matrix spike duplicate recoveries for batch 70268 were outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria.

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

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

Method SM 4500 P E: The OP results are significantly higher than the TP results due to severe matrix interference caused by the saline matrix.

Method SM 4500 P E: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 70213 were outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria.

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

EXECUTIVE SUMMARY - Detections

Client: Florida Power & Light Company

Job Number: 660-35863-1
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Lab Sample ID	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
660-35863-1	062110-TPGW-6S				
Field pH		7.03		SU	Field Sampling
Field Temperature		24.75		Degrees C	Field Sampling
Oxygen, Dissolved		4.8		mg/L	Field Sampling
Specific Conductance		1050		umhos/cm	Field Sampling
Turbidity		2.32		NTU	Field Sampling
Bromide		0.56	0.050	mg/L	300.0
Chloride		210	5.0	mg/L	300.0
Fluoride		0.087	0.050	mg/L	300.0
Sulfate		14	0.50	mg/L	300.0
Alkalinity		270	1.0	mg/L	SM 2320B
Total Dissolved Solids		660	5.0	mg/L	SM 2540C
<i>Dissolved</i>					
Dissolved Inorganic Carbon-Dissolved		69	1.0	mg/L	9060
<i>Total Recoverable</i>					
Boron		61	100	ug/L	6010B
Calcium		120	1.0	mg/L	6010B
Potassium		4.0	2.0	mg/L	6010B
Strontium		1200	10	ug/L	6010B
Magnesium		12	0.16	mg/L	6010B
Sodium		100	1.0	mg/L	6010B
660-35863-2	062110-TPGW-6M				
Field pH		6.92		SU	Field Sampling
Field Temperature		24.92		Degrees C	Field Sampling
Oxygen, Dissolved		2.1		mg/L	Field Sampling
Specific Conductance		19640		umhos/cm	Field Sampling
Turbidity		0.46		NTU	Field Sampling
Bromide		29	5.0	mg/L	300.0
Chloride		8000	500	mg/L	300.0
Sulfate		880	50	mg/L	300.0
Alkalinity		210	1.0	mg/L	SM 2320B
Total Dissolved Solids		18000	250	mg/L	SM 2540C
<i>Dissolved</i>					
Dissolved Inorganic Carbon-Dissolved		56	1.0	mg/L	9060
<i>Total Recoverable</i>					
Boron		860	500	ug/L	6010B
Calcium		510	5.0	mg/L	6010B
Potassium		130	10	mg/L	6010B
Strontium		8600	50	ug/L	6010B
Magnesium		480	0.80	mg/L	6010B
Sodium		4000	100	mg/L	6010B

EXECUTIVE SUMMARY - Detections

Client: Florida Power & Light Company

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Lab Sample ID Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
660-35863-3	062110-TPGW-6D				
Field pH		6.84		SU	Field Sampling
Field Temperature		24.83		Degrees C	Field Sampling
Oxygen, Dissolved		4.6		mg/L	Field Sampling
Specific Conductance		20400		umhos/cm	Field Sampling
Turbidity		0.29		NTU	Field Sampling
Bromide		27	5.0	mg/L	300.0
Chloride		7600	500	mg/L	300.0
Sulfate		800	50	mg/L	300.0
Alkalinity		200	1.0	mg/L	SM 2320B
Total Dissolved Solids		17000	250	mg/L	SM 2540C
<i>Dissolved</i>					
Dissolved Inorganic Carbon-Dissolved		52	1.0	mg/L	9060
<i>Total Recoverable</i>					
Boron		820	500	ug/L	6010B
Calcium		500	5.0	mg/L	6010B
Potassium		130	10	mg/L	6010B
Strontium		8300	50	ug/L	6010B
Magnesium		450	0.80	mg/L	6010B
Sodium		3800	100	mg/L	6010B

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Lab Sample ID	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
660-35863-4	062110-TPGW-DUP1				
		100	5.0	mg/L	300.0
Bromide		30000	500	mg/L	300.0
Chloride		4000	500	mg/L	300.0
Sulfate		1.8	0.20	mg/L	351.2
Nitrogen, Kjeldahl		0.014	0.010	mg/L	353.2
Nitrate Nitrite as N		0.057	0.010	mg/L	365.1
Phosphorus		180	1.0	mg/L	SM 2320B
Alkalinity		63000	250	mg/L	SM 2540C
Total Dissolved Solids		1.7	0.050	mg/L	SM 4500 NH3 G
Ammonia		1.8	0.21	mg/L	Total Nitrogen
Nitrogen, Total					
<i>Dissolved</i>					
		4200	500	ug/L	200.7 Rev 4.4
SiO2, Silica		46	1.0	mg/L	9060
Dissolved Inorganic Carbon-Dissolved		0.10	0.50	mg/L	SM 4500 P E
ortho-Phosphate-Dissolved					
<i>Total Recoverable</i>					
		140	100	ug/L	200.7 Rev 4.4
Barium		910	500	ug/L	200.7 Rev 4.4
Iron		52	100	ug/L	200.7 Rev 4.4
Manganese		16	100	ug/L	200.7 Rev 4.4
Vanadium		6600	500	ug/L	6010B
Boron		680	5.0	mg/L	6010B
Calcium		550	200	mg/L	6010B
Potassium		14000	50	ug/L	6010B
Strontium		2000	0.80	mg/L	6010B
Magnesium		16000	100	mg/L	6010B
Sodium					

EXECUTIVE SUMMARY - Detections

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Lab Sample ID	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
660-35863-5	062110-TPGW-2D				
Field pH		6.86		SU	Field Sampling
Field Temperature		27.12		Degrees C	Field Sampling
Oxygen, Dissolved		1.7		mg/L	Field Sampling
Specific Conductance		65230		umhos/cm	Field Sampling
Turbidity		0.03		NTU	Field Sampling
Bromide		100	5.0	mg/L	300.0
Chloride		29000	500	mg/L	300.0
Sulfate		4000	500	mg/L	300.0
Nitrogen, Kjeldahl		2.0	0.20	mg/L	351.2
Nitrate Nitrite as N		0.014	0.010	mg/L	353.2
Phosphorus		0.059	0.010	mg/L	365.1
Alkalinity		190	1.0	mg/L	SM 2320B
Total Dissolved Solids		62000	250	mg/L	SM 2540C
Ammonia		1.8	0.050	mg/L	SM 4500 NH3 G
Nitrogen, Total		2.0	0.21	mg/L	Total Nitrogen
Unionized Ammonia		0.010	0.000017	mg/L	UnionizedNH3
<i>Dissolved</i>					
SiO2, Silica		3500	2500	ug/L	200.7 Rev 4.4
Dissolved Inorganic Carbon-Dissolved		46	1.0	mg/L	9060
ortho-Phosphate-Dissolved		0.10	0.50	mg/L	SM 4500 P E
<i>Total Recoverable</i>					
Barium		110	100	ug/L	200.7 Rev 4.4
Iron		900	500	ug/L	200.7 Rev 4.4
Manganese		55	100	ug/L	200.7 Rev 4.4
Vanadium		14	100	ug/L	200.7 Rev 4.4
Boron		6600	500	ug/L	6010B
Calcium		680	5.0	mg/L	6010B
Potassium		540	200	mg/L	6010B
Strontium		13000	50	ug/L	6010B
Magnesium		2000	0.80	mg/L	6010B
Sodium		16000	100	mg/L	6010B

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Lab Sample ID	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
660-35863-6	062110-TPSWC-6S				
Field pH		7.32		SU	Field Sampling
Field Temperature		28.18		Degrees C	Field Sampling
Oxygen, Dissolved		1.95		mg/L	Field Sampling
Specific Conductance		839		umhos/cm	Field Sampling
Turbidity		0.55		NTU	Field Sampling
Bromide		0.47	0.050	mg/L	300.0
Chloride		150	5.0	mg/L	300.0
Fluoride		0.087	0.050	mg/L	300.0
Sulfate		55	5.0	mg/L	300.0
Nitrogen, Kjeldahl		0.36	0.20	mg/L	351.2
Nitrate Nitrite as N		0.021	0.010	mg/L	353.2
Alkalinity		200	1.0	mg/L	SM 2320B
Ammonia		0.12	0.050	mg/L	SM 4500 NH3 G
Nitrogen, Total		0.38	0.21	mg/L	Total Nitrogen
Unionized Ammonia		0.0021	0.000017	mg/L	UnionizedNH3
<i>Dissolved</i>					
SiO2, Silica		2800	500	ug/L	200.7 Rev 4.4
Dissolved Inorganic Carbon-Dissolved		49	1.0	mg/L	9060
ortho-Phosphate-Dissolved		0.014	0.50	mg/L	SM 4500 P E
<i>Total Recoverable</i>					
Boron		95	100	ug/L	6010B
Calcium		96	1.0	mg/L	6010B
Potassium		9.1	2.0	mg/L	6010B
Strontium		1100	10	ug/L	6010B
Magnesium		12	0.16	mg/L	6010B
Sodium		82	1.0	mg/L	6010B

EXECUTIVE SUMMARY - Detections

Client: Florida Power & Light Company

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Lab Sample ID	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
660-35863-7	062110-TPSWC-6D				
Field pH		7.27		SU	Field Sampling
Field Temperature		27.71		Degrees C	Field Sampling
Oxygen, Dissolved		2.02		mg/L	Field Sampling
Specific Conductance		892		umhos/cm	Field Sampling
Turbidity		1.25		NTU	Field Sampling
Bromide		0.50	0.050	mg/L	300.0
Chloride		160	5.0	mg/L	300.0
Fluoride		0.084	0.050	mg/L	300.0
Sulfate		56	5.0	mg/L	300.0
Nitrogen, Kjeldahl		0.42	0.20	mg/L	351.2
Nitrate Nitrite as N		0.050	0.010	mg/L	353.2
Phosphorus		0.013	0.010	mg/L	365.1
Alkalinity		190	1.0	mg/L	SM 2320B
Ammonia		0.10	0.050	mg/L	SM 4500 NH3 G
Nitrogen, Total		0.47	0.21	mg/L	Total Nitrogen
Unionized Ammonia		0.0015	0.000017	mg/L	UnionizedNH3
<i>Dissolved</i>					
SiO2, Silica		2800	500	ug/L	200.7 Rev 4.4
Dissolved Inorganic Carbon-Dissolved		49	1.0	mg/L	9060
<i>Total Recoverable</i>					
Boron		96	100	ug/L	6010B
Calcium		95	1.0	mg/L	6010B
Potassium		9.4	2.0	mg/L	6010B
Strontium		1100	10	ug/L	6010B
Magnesium		13	0.16	mg/L	6010B
Sodium		90	1.0	mg/L	6010B

METHOD SUMMARY

Client: Florida Power & Light Company

Job Number: 660-35863-1
Sdg Number: 35863

Description	Lab Location	Method	Preparation Method
Matrix: Water			
Metals (ICP)	TAL SAV	40CFR136A 200.7 Rev 4.4	
Sample Filtration	TAL SAV		FILTRATION
Metals (ICP)	TAL TAL	EPA 200.7 Rev 4.4	
Preparation, Total Recoverable Metals	TAL TAL		EPA 200.7
Mercury (CVAA)	TAL TAM	EPA 245.1	
Preparation, Mercury	TAL TAM		EPA 245.1
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	
Chromium, Hexavalent	TAL TAM	SM SM 3500 CR B	
Ammonia	TAL SAV	SM SM 4500 NH3 G	
Ammonia, Distillation	TAL SAV		SM SM 4500 NH3 B
Orthophosphate	TAL TAL	SM SM 4500 P E	
Sample Filtration, Field	TAL TAL		FIELD_FLTRD
Sulfide, Total	TAL TAM	SM SM 4500 S2 F	
Nitrogen, Total	TAL TAL	EPA Total Nitrogen	
Ammonia, Unionized	TAL SAV	FL-DEP UnionizedNH3	
Field Sampling	TAL TAM	EPA Field Sampling	

Lab References:

TAL SAV = TestAmerica Savannah

TAL TAL = TestAmerica Tallahassee

TAL TAM = TestAmerica Tampa

METHOD SUMMARY

Client: Florida Power & Light Company

Job Number: 660-35863-1
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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: 660-35863-1
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Method	Analyst	Analyst ID
40CFR136A 200.7 Rev 4.4	Bland, Brian	BCB
EPA 200.7 Rev 4.4	Wallace, Tiffany B	TBW
EPA 245.1	Wieland, Kristen	KW
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	Oonnoonny, Thomas	TO
SM SM 3500 CR B	Mostafavifar, Efe	EM
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	Neal, Amanda J	AJN
FL-DEP UnionizedNH3	Ross, Jon	JR

SAMPLE SUMMARY

Client: Florida Power & Light Company

Job Number: 660-35863-1
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Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
660-35863-1	062110-TPGW-6S	Water	06/21/2010 1000	06/22/2010 0855
660-35863-2	062110-TPGW-6M	Water	06/21/2010 0915	06/22/2010 0855
660-35863-3	062110-TPGW-6D	Water	06/21/2010 0900	06/22/2010 0855
660-35863-4	062110-TPGW-Dup1	Water	06/21/2010 1215	06/22/2010 0855
660-35863-5	062110-TPGW-2D	Water	06/21/2010 0000	06/22/2010 0855
660-35863-6	062110-TPSWC-6S	Water	06/21/2010 1451	06/22/2010 0855
660-35863-7	062110-TPSWC-6D	Water	06/21/2010 1520	06/22/2010 0855

Analytical Data

Client: Florida Power & Light Company

Job Number: 660-35863-1

Sdg Number: 35863

Client Sample ID: 062110-TPGW-6S

Lab Sample ID: 660-35863-1

Client Matrix: Water

Date Sampled: 06/21/2010 1000

Date Received: 06/22/2010 0855

245.1 Mercury (CVAA)

Method:	245.1	Analysis Batch: 660-96322	Instrument ID:	PS200II
Preparation:	245.1	Prep Batch: 660-96286	Lab File ID:	10F23PS.PRN
Dilution:	1.0		Initial Weight/Volume:	25 mL
Date Analyzed:	06/23/2010 1340		Final Weight/Volume:	25 mL
Date Prepared:	06/23/2010 0900			

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Mercury	0.072	U	0.072	0.20

6010B Metals (ICP)-Total Recoverable

Method:	6010B	Analysis Batch: 660-96549	Instrument ID:	ICPA
Preparation:	3005A	Prep Batch: 660-96364	Lab File ID:	10F29A
Dilution:	2.0		Initial Weight/Volume:	50 mL
Date Analyzed:	06/29/2010 1519		Final Weight/Volume:	50 mL
Date Prepared:	06/24/2010 1034			

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Calcium	120		0.20	1.0
Potassium	4.0		0.38	2.0
Magnesium	12		0.040	0.16
Sodium	100		0.62	1.0

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Boron	61	I	20	100
Strontium	1200		2.0	10

Analytical Data

Client: Florida Power & Light Company

Job Number: 660-35863-1
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Client Sample ID: 062110-TPGW-6M

Lab Sample ID: 660-35863-2

Client Matrix: Water

Date Sampled: 06/21/2010 0915

Date Received: 06/22/2010 0855

245.1 Mercury (CVAA)

Method:	245.1	Analysis Batch: 660-96322	Instrument ID:	PS200II
Preparation:	245.1	Prep Batch: 660-96286	Lab File ID:	10F23PS.PRN
Dilution:	1.0		Initial Weight/Volume:	25 mL
Date Analyzed:	06/23/2010 1347		Final Weight/Volume:	25 mL
Date Prepared:	06/23/2010 0900			

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Mercury	0.072	U	0.072	0.20

6010B Metals (ICP)-Total Recoverable

Method:	6010B	Analysis Batch: 660-96549	Instrument ID:	ICPA
Preparation:	3005A	Prep Batch: 660-96364	Lab File ID:	10F29A
Dilution:	10		Initial Weight/Volume:	50 mL
Date Analyzed:	06/29/2010 1248		Final Weight/Volume:	50 mL
Date Prepared:	06/24/2010 1034			

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Calcium	510		1.0	5.0
Potassium	130		1.9	10
Magnesium	480		0.20	0.80

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Boron	860		100	500
Strontium	8600		10	50

Method:	6010B	Analysis Batch: 660-96549	Instrument ID:	ICPA
Preparation:	3005A	Prep Batch: 660-96364	Lab File ID:	10F29A
Dilution:	200		Initial Weight/Volume:	50 mL
Date Analyzed:	06/29/2010 1254	Run Type: DL	Final Weight/Volume:	50 mL
Date Prepared:	06/24/2010 1034			

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Sodium	4000		62	100

Analytical Data

Client: Florida Power & Light Company

Job Number: 660-35863-1
Sdg Number: 35863

Client Sample ID: 062110-TPGW-6D

Lab Sample ID: 660-35863-3

Client Matrix: Water

Date Sampled: 06/21/2010 0900

Date Received: 06/22/2010 0855

245.1 Mercury (CVAA)

Method:	245.1	Analysis Batch:	660-96322	Instrument ID:	PS200II
Preparation:	245.1	Prep Batch:	660-96286	Lab File ID:	10F23PS.PRN
Dilution:	1.0			Initial Weight/Volume:	25 mL
Date Analyzed:	06/23/2010 1349			Final Weight/Volume:	25 mL
Date Prepared:	06/23/2010 0900				

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Mercury	0.072	U	0.072	0.20

6010B Metals (ICP)-Total Recoverable

Method:	6010B	Analysis Batch:	660-96549	Instrument ID:	ICPA
Preparation:	3005A	Prep Batch:	660-96364	Lab File ID:	10F29A
Dilution:	10			Initial Weight/Volume:	50 mL
Date Analyzed:	06/29/2010 1300			Final Weight/Volume:	50 mL
Date Prepared:	06/24/2010 1034				

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Calcium	500		1.0	5.0
Potassium	130		1.9	10
Magnesium	450		0.20	0.80

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Boron	820		100	500
Strontium	8300		10	50

Method:	6010B	Analysis Batch:	660-96549	Instrument ID:	ICPA
Preparation:	3005A	Prep Batch:	660-96364	Lab File ID:	10F29A
Dilution:	200			Initial Weight/Volume:	50 mL
Date Analyzed:	06/29/2010 1306	Run Type:	DL	Final Weight/Volume:	50 mL
Date Prepared:	06/24/2010 1034				

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Sodium	3800		62	100

Analytical Data

Client: Florida Power & Light Company

Job Number: 660-35863-1

Sdg Number: 35863

Client Sample ID: 062110-TPGW-Dup1

Lab Sample ID: 660-35863-4

Client Matrix: Water

Date Sampled: 06/21/2010 1215

Date Received: 06/22/2010 0855

200.7 Rev 4.4 Metals (ICP)-Total Recoverable

Method:	200.7 Rev 4.4	Analysis Batch: 640-70408	Instrument ID:	ICP2
Preparation:	200.7	Prep Batch: 640-70252	Lab File ID:	062910.csv
Dilution:	10		Initial Weight/Volume:	50 mL
Date Analyzed:	06/29/2010 0952		Final Weight/Volume:	50 mL
Date Prepared:	06/24/2010 1130			

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Arsenic	12	U	12	100
Barium	140		8.1	100
Beryllium	1.8	U	1.8	40
Cadmium	3.8	U	3.8	50
Copper	3.3	U	3.3	200
Iron	910		27	500
Lead	24	U	24	50
Manganese	52	I	4.6	100
Molybdenum	4.7	U	4.7	100
Nickel	14	U	14	400
Selenium	34	U	34	100
Thallium	16	U	16	100
Vanadium	16	I	5.2	100
Zinc	17	U	17	200

200.7 Rev 4.4 Metals (ICP)-Dissolved

Method:	200.7 Rev 4.4	Analysis Batch: 680-172919	Instrument ID:	Varian ICP
Preparation:	N/A		Lab File ID:	E06292010_SI.csv
Dilution:	1.0		Initial Weight/Volume:	
Date Analyzed:	06/29/2010 1226		Final Weight/Volume:	1.0 mL
Date Prepared:				

Analyte	Result (ug/L)	Qualifier	MDL	PQL
SiO2, Silica	4200		50	500

245.1 Mercury (CVAA)

Method:	245.1	Analysis Batch: 660-96322	Instrument ID:	PS200II
Preparation:	245.1	Prep Batch: 660-96286	Lab File ID:	10F23PS.PRN
Dilution:	1.0		Initial Weight/Volume:	25 mL
Date Analyzed:	06/23/2010 1352		Final Weight/Volume:	25 mL
Date Prepared:	06/23/2010 0900			

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Mercury	0.072	U	0.072	0.20

6010B Metals (ICP)-Total Recoverable

Analytical Data

Client: Florida Power & Light Company

Job Number: 660-35863-1

Sdg Number: 35863

Client Sample ID: 062110-TPGW-Dup1

Lab Sample ID: 660-35863-4

Client Matrix: Water

Date Sampled: 06/21/2010 1215

Date Received: 06/22/2010 0855

6010B Metals (ICP)-Total Recoverable

Method:	6010B	Analysis Batch: 660-96549	Instrument ID:	ICPA
Preparation:	3005A	Prep Batch: 660-96364	Lab File ID:	10F29A
Dilution:	10		Initial Weight/Volume:	50 mL
Date Analyzed:	06/29/2010 1312		Final Weight/Volume:	50 mL
Date Prepared:	06/24/2010 1034			

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Calcium	680		1.0	5.0
Magnesium	2000		0.20	0.80

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Boron	6600		100	500
Strontium	14000		10	50

Method:	6010B	Analysis Batch: 660-96549	Instrument ID:	ICPA
Preparation:	3005A	Prep Batch: 660-96364	Lab File ID:	10F29A
Dilution:	200		Initial Weight/Volume:	50 mL
Date Analyzed:	06/29/2010 1318	Run Type: DL	Final Weight/Volume:	50 mL
Date Prepared:	06/24/2010 1034			

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Potassium	550		38	200
Sodium	16000		62	100

Analytical Data

Client: Florida Power & Light Company

Job Number: 660-35863-1
Sdg Number: 35863

Client Sample ID: 062110-TPGW-2D

Lab Sample ID: 660-35863-5

Client Matrix: Water

Date Sampled: 06/21/2010 0000

Date Received: 06/22/2010 0855

200.7 Rev 4.4 Metals (ICP)-Total Recoverable

Method:	200.7 Rev 4.4	Analysis Batch: 640-70408	Instrument ID:	ICP2
Preparation:	200.7	Prep Batch: 640-70252	Lab File ID:	062910.csv
Dilution:	10		Initial Weight/Volume:	50 mL
Date Analyzed:	06/29/2010 1015		Final Weight/Volume:	50 mL
Date Prepared:	06/24/2010 1130			

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Arsenic	12	U	12	100
Barium	110	J3	8.1	100
Beryllium	1.8	U	1.8	40
Cadmium	3.8	U	3.8	50
Copper	3.3	U	3.3	200
Iron	900		27	500
Lead	24	U	24	50
Manganese	55	I	4.6	100
Molybdenum	4.7	U	4.7	100
Nickel	14	U	14	400
Selenium	34	U	34	100
Thallium	16	U	16	100
Vanadium	14	I	5.2	100
Zinc	17	U	17	200

200.7 Rev 4.4 Metals (ICP)-Dissolved

Method:	200.7 Rev 4.4	Analysis Batch: 680-172919	Instrument ID:	Varian ICP
Preparation:	N/A		Lab File ID:	E06292010_SI.csv
Dilution:	5.0		Initial Weight/Volume:	
Date Analyzed:	06/29/2010 1525		Final Weight/Volume:	1.0 mL
Date Prepared:				

Analyte	Result (ug/L)	Qualifier	MDL	PQL
SiO2, Silica	3500		250	2500

245.1 Mercury (CVAA)

Method:	245.1	Analysis Batch: 660-96322	Instrument ID:	PS200II
Preparation:	245.1	Prep Batch: 660-96286	Lab File ID:	10F23PS.PRN
Dilution:	1.0		Initial Weight/Volume:	25 mL
Date Analyzed:	06/23/2010 1358		Final Weight/Volume:	25 mL
Date Prepared:	06/23/2010 0900			

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Mercury	0.072	U	0.072	0.20

6010B Metals (ICP)-Total Recoverable

Analytical Data

Client: Florida Power & Light Company

Job Number: 660-35863-1
Sdg Number: 35863

Client Sample ID: 062110-TPGW-2D

Date Sampled: 06/21/2010 0000
Date Received: 06/22/2010 0855

Lab Sample ID: 660-35863-5
Client Matrix: Water

6010B Metals (ICP)-Total Recoverable

Method:	6010B	Analysis Batch:	660-96549	Instrument ID:	ICPA
Preparation:	3005A	Prep Batch:	660-96364	Lab File ID:	10F29A
Dilution:	10			Initial Weight/Volume:	50 mL
Date Analyzed:	06/29/2010 1324			Final Weight/Volume:	50 mL
Date Prepared:	06/24/2010 1034				

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Calcium	680		1.0	5.0
Magnesium	2000		0.20	0.80

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Boron	6600		100	500
Strontium	13000		10	50

Method:	6010B	Analysis Batch:	660-96549	Instrument ID:	ICPA
Preparation:	3005A	Prep Batch:	660-96364	Lab File ID:	10F29A
Dilution:	200			Initial Weight/Volume:	50 mL
Date Analyzed:	06/29/2010 1330	Run Type:	DL	Final Weight/Volume:	50 mL
Date Prepared:	06/24/2010 1034				

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Potassium	540		38	200
Sodium	16000		62	100

Analytical Data

Client: Florida Power & Light Company

Job Number: 660-35863-1
Sdg Number: 35863

Client Sample ID: 062110-TPSWC-6S

Lab Sample ID: 660-35863-6

Client Matrix: Water

Date Sampled: 06/21/2010 1451

Date Received: 06/22/2010 0855

200.7 Rev 4.4 Metals (ICP)-Dissolved

Method: 200.7 Rev 4.4
Preparation: N/A
Dilution: 1.0
Date Analyzed: 06/29/2010 1529
Date Prepared:

Analysis Batch: 680-172919

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

Analyte	Result (ug/L)	Qualifier	MDL	PQL
SiO2, Silica	2800		50	500

245.1 Mercury (CVAA)

Method: 245.1
Preparation: 245.1
Dilution: 1.0
Date Analyzed: 06/23/2010 1401
Date Prepared: 06/23/2010 0900

Analysis Batch: 660-96322
Prep Batch: 660-96286

Instrument ID: PS200II
Lab File ID: 10F23PS.PRN
Initial Weight/Volume: 25 mL
Final Weight/Volume: 25 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Mercury	0.072	U	0.072	0.20

6010B Metals (ICP)-Total Recoverable

Method: 6010B
Preparation: 3005A
Dilution: 2.0
Date Analyzed: 06/29/2010 1525
Date Prepared: 06/24/2010 1034

Analysis Batch: 660-96549
Prep Batch: 660-96364

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

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Calcium	96		0.20	1.0
Potassium	9.1		0.38	2.0
Magnesium	12		0.040	0.16
Sodium	82		0.62	1.0

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Boron	95	I	20	100
Strontium	1100		2.0	10

Analytical Data

Client: Florida Power & Light Company

Job Number: 660-35863-1
Sdg Number: 35863

Client Sample ID: 062110-TPSWC-6D
Lab Sample ID: 660-35863-7
Client Matrix: Water

Date Sampled: 06/21/2010 1520
Date Received: 06/22/2010 0855

200.7 Rev 4.4 Metals (ICP)-Dissolved

Method: 200.7 Rev 4.4
Preparation: N/A
Dilution: 1.0
Date Analyzed: 06/29/2010 1532
Date Prepared:

Analysis Batch: 680-172919

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

Analyte	Result (ug/L)	Qualifier	MDL	PQL
SiO ₂ , Silica	2800		50	500

245.1 Mercury (CVAA)

Method: 245.1
Preparation: 245.1
Dilution: 1.0
Date Analyzed: 06/23/2010 1403
Date Prepared: 06/23/2010 0900

Analysis Batch: 660-96322
Prep Batch: 660-96286

Instrument ID: PS200II
Lab File ID: 10F23PS.PRN
Initial Weight/Volume: 25 mL
Final Weight/Volume: 25 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Mercury	0.072	U	0.072	0.20

6010B Metals (ICP)-Total Recoverable

Method: 6010B
Preparation: 3005A
Dilution: 2.0
Date Analyzed: 06/29/2010 1404
Date Prepared: 06/24/2010 1034

Analysis Batch: 660-96549
Prep Batch: 660-96364

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

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Calcium	95		0.20	1.0
Potassium	9.4		0.38	2.0
Magnesium	13		0.040	0.16
Sodium	90		0.62	1.0

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Boron	96	I	20	100
Strontium	1100		2.0	10

Analytical Data

Client: Florida Power & Light Company

Job Number: 660-35863-1
Sdg Number: 35863

General Chemistry

Client Sample ID: 062110-TPGW-6S

Lab Sample ID: 660-35863-1

Client Matrix: Water

Date Sampled: 06/21/2010 1000

Date Received: 06/22/2010 0855

Analyte	Result	Qual	Units	MDL	PQL	Dil	Method
Bromide	0.56		mg/L	0.027	0.050	1.0	300.0
Chloride	210		mg/L	2.0	5.0	10	300.0
Fluoride	0.087		mg/L	0.020	0.050	1.0	300.0
Sulfate	14		mg/L	0.20	0.50	1.0	300.0
Chromium (hexavalent)	2.0	U	ug/L	2.0	10	1.0	SM 3500 CR B
Analysis Batch: 660-96581 Date Analyzed: 06/28/2010 2048							
Analysis Batch: 660-96606 Date Analyzed: 06/29/2010 1856							
Analysis Batch: 660-96581 Date Analyzed: 06/28/2010 2048							
Analysis Batch: 660-96583 Date Analyzed: 06/28/2010 2131							
Analysis Batch: 660-96291 Date Analyzed: 06/22/2010 0940							
Analyte	Result	Qual	Units	PQL	PQL	Dil	Method
Dissolved Inorganic Carbon-Dissolved	69		mg/L	1.0	1.0	1.0	9060
Alkalinity	270		mg/L	1.0	1.0	1.0	SM 2320B
Carbonate Alkalinity as CaCO3	1.0	U	mg/L	1.0	1.0	1.0	SM 2320B
Total Dissolved Solids	660		mg/L	5.0	5.0	1.0	SM 2540C
Sulfide	1.0	U	mg/L	1.0	1.0	1.0	SM 4500 S2 F
Analysis Batch: 660-96458 Date Analyzed: 06/25/2010 1345							
Analysis Batch: 660-96458 Date Analyzed: 06/25/2010 1345							
Analysis Batch: 660-96316 Date Analyzed: 06/23/2010 1424							
Analysis Batch: 660-96344 Date Analyzed: 06/23/2010 1700							

Analytical Data

Client: Florida Power & Light Company

Job Number: 660-35863-1

Sdg Number: 35863

General Chemistry

Client Sample ID: 062110-TPGW-6M

Lab Sample ID: 660-35863-2

Client Matrix: Water

Date Sampled: 06/21/2010 0915

Date Received: 06/22/2010 0855

Analyte	Result	Qual	Units	MDL	PQL	Dil	Method
Bromide	29		mg/L	2.7	5.0	100	300.0
Run Type: DL	Analysis Batch: 660-96583	Date Analyzed: 06/29/2010 0256					
Chloride	8000		mg/L	200	500	1000	300.0
Run Type: DL2	Analysis Batch: 660-96581	Date Analyzed: 06/28/2010 2250					
Fluoride	0.10	U	mg/L	0.10	0.25	5.0	300.0
	Analysis Batch: 660-96581	Date Analyzed: 06/28/2010 2105					
Sulfate	880		mg/L	20	50	100	300.0
Run Type: DL3	Analysis Batch: 660-96603	Date Analyzed: 06/29/2010 1950					
Chromium (hexavalent)	2.0	U Q	ug/L	2.0	10	1.0	SM 3500 CR B
	Analysis Batch: 660-96291	Date Analyzed: 06/22/2010 0940					
Analyte	Result	Qual	Units	PQL	PQL	Dil	Method
Dissolved Inorganic	56		mg/L	1.0	1.0	1.0	9060
Carbon-Dissolved	Analysis Batch: 680-172471	Date Analyzed: 06/23/2010 1218					
Alkalinity	210		mg/L	1.0	1.0	1.0	SM 2320B
	Analysis Batch: 660-96458	Date Analyzed: 06/25/2010 1351					
Carbonate Alkalinity as CaCO3	1.0	U	mg/L	1.0	1.0	1.0	SM 2320B
	Analysis Batch: 660-96458	Date Analyzed: 06/25/2010 1351					
Total Dissolved Solids	18000		mg/L	250	250	1.0	SM 2540C
	Analysis Batch: 660-96316	Date Analyzed: 06/23/2010 1424					
Sulfide	1.0	U	mg/L	1.0	1.0	1.0	SM 4500 S2 F
	Analysis Batch: 660-96344	Date Analyzed: 06/23/2010 1700					

Analytical Data

Client: Florida Power & Light Company

Job Number: 660-35863-1
Sdg Number: 35863

General Chemistry

Client Sample ID: 062110-TPGW-6D

Lab Sample ID: 660-35863-3
Client Matrix: Water

Date Sampled: 06/21/2010 0900

Date Received: 06/22/2010 0855

Analyte	Result	Qual	Units	MDL	PQL	Dil	Method
Bromide	27		mg/L	2.7	5.0	100	300.0
Run Type: DL	Analysis Batch: 660-96583	Date Analyzed: 06/29/2010 0317					
Chloride	7600		mg/L	200	500	1000	300.0
Run Type: DL2	Analysis Batch: 660-96581	Date Analyzed: 06/28/2010 2308					
Fluoride	0.10	U	mg/L	0.10	0.25	5.0	300.0
	Analysis Batch: 660-96581	Date Analyzed: 06/28/2010 2123					
Sulfate	800		mg/L	20	50	100	300.0
Run Type: DL3	Analysis Batch: 660-96603	Date Analyzed: 06/29/2010 2012					
Chromium (hexavalent)	2.0	U Q	ug/L	2.0	10	1.0	SM 3500 CR B
	Analysis Batch: 660-96291	Date Analyzed: 06/22/2010 0940					
Analyte	Result	Qual	Units	PQL	PQL	Dil	Method
Dissolved Inorganic	52		mg/L	1.0	1.0	1.0	9060
Carbon-Dissolved	Analysis Batch: 680-172471	Date Analyzed: 06/23/2010 1218					
Alkalinity	200		mg/L	1.0	1.0	1.0	SM 2320B
	Analysis Batch: 660-96458	Date Analyzed: 06/25/2010 1357					
Carbonate Alkalinity as CaCO3	1.0	U	mg/L	1.0	1.0	1.0	SM 2320B
	Analysis Batch: 660-96458	Date Analyzed: 06/25/2010 1357					
Total Dissolved Solids	17000		mg/L	250	250	1.0	SM 2540C
	Analysis Batch: 660-96316	Date Analyzed: 06/23/2010 1425					
Sulfide	1.0	U	mg/L	1.0	1.0	1.0	SM 4500 S2 F
	Analysis Batch: 660-96344	Date Analyzed: 06/23/2010 1700					

Analytical Data

Client: Florida Power & Light Company

Job Number: 660-35863-1

Sdg Number: 35863

General Chemistry

Client Sample ID: 062110-TPGW-Dup1

Lab Sample ID: 660-35863-4

Client Matrix: Water

Date Sampled: 06/21/2010 1215

Date Received: 06/22/2010 0855

Analyte	Result	Qual	Units	MDL	PQL	Dil	Method
Bromide	100		mg/L	2.7	5.0	100	300.0
Run Type: DL	Analysis Batch: 660-96583	Date Analyzed: 06/29/2010 0339					
Chloride	30000		mg/L	200	500	1000	300.0
Run Type: DL2	Analysis Batch: 660-96581	Date Analyzed: 06/28/2010 2325					
Fluoride	0.20	U J3	mg/L	0.20	0.50	10	300.0
	Analysis Batch: 660-96581	Date Analyzed: 06/28/2010 2140					
Sulfate	4000		mg/L	200	500	1000	300.0
Run Type: DL3	Analysis Batch: 660-96495	Date Analyzed: 06/26/2010 2146					
Nitrogen, Kjeldahl	1.8		mg/L	0.050	0.20	1.0	351.2
	Analysis Batch: 660-96389	Date Analyzed: 06/24/2010 1402					
	Prep Batch: 660-96337	Date Prepared: 06/23/2010 1600					
Nitrate Nitrite as N	0.014		mg/L	0.0047	0.010	1.0	353.2
	Analysis Batch: 640-70268	Date Analyzed: 06/24/2010 1225					
Phosphorus	0.057		mg/L	0.0044	0.010	1.0	365.1
	Analysis Batch: 640-70307	Date Analyzed: 06/25/2010 1401					
	Prep Batch: 640-70272	Date Prepared: 06/24/2010 1448					
Chromium (hexavalent)	2.0	U	ug/L	2.0	10	1.0	SM 3500 CR B
	Analysis Batch: 660-96291	Date Analyzed: 06/22/2010 0940					
Ammonia	1.7		mg/L	0.026	0.050	1.0	SM 4500 NH3
	Analysis Batch: 680-172931	Date Analyzed: 06/29/2010 1651					
	Prep Batch: 680-172902	Date Prepared: 06/29/2010 1511					
ortho-Phosphate-Dissolved	0.10	I	mg/L	0.014	0.50	10	SM 4500 P E
	Analysis Batch: 640-70213	Date Analyzed: 06/22/2010 1625					
Analyte	Result	Qual	Units	PQL	PQL	Dil	Method
Dissolved Inorganic	46		mg/L	1.0	1.0	1.0	9060
Carbon-Dissolved	Analysis Batch: 680-172471	Date Analyzed: 06/23/2010 1218					
Alkalinity	180		mg/L	1.0	1.0	1.0	SM 2320B
	Analysis Batch: 660-96458	Date Analyzed: 06/25/2010 1410					
Carbonate Alkalinity as CaCO3	1.0	U	mg/L	1.0	1.0	1.0	SM 2320B
	Analysis Batch: 660-96458	Date Analyzed: 06/25/2010 1410					
Total Dissolved Solids	63000		mg/L	250	250	1.0	SM 2540C
	Analysis Batch: 660-96316	Date Analyzed: 06/23/2010 1426					
Sulfide	1.0	U	mg/L	1.0	1.0	1.0	SM 4500 S2 F
	Analysis Batch: 660-96344	Date Analyzed: 06/23/2010 1700					
Nitrogen, Total	1.8		mg/L	0.21	0.21	1.0	Total Nitrogen
	Analysis Batch: 640-70159	Date Analyzed: 06/28/2010 0800					

Analytical Data

Client: Florida Power & Light Company

Job Number: 660-35863-1

Sdg Number: 35863

General Chemistry

Client Sample ID: 062110-TPGW-2D

Lab Sample ID: 660-35863-5

Client Matrix: Water

Date Sampled: 06/21/2010 0000

Date Received: 06/22/2010 0855

Analyte	Result	Qual	Units	MDL	PQL	Dil	Method
Bromide	100		mg/L	2.7	5.0	100	300.0
Run Type: DL	Analysis Batch: 660-96583	Date Analyzed: 06/29/2010 0444					
Chloride	29000		mg/L	200	500	1000	300.0
Run Type: DL2	Analysis Batch: 660-96606	Date Analyzed: 06/29/2010 2024					
Fluoride	0.20	U	mg/L	0.20	0.50	10	300.0
	Analysis Batch: 660-96581	Date Analyzed: 06/28/2010 2158					
Sulfate	4000		mg/L	200	500	1000	300.0
Run Type: DL3	Analysis Batch: 660-96495	Date Analyzed: 06/26/2010 2207					
Nitrogen, Kjeldahl	2.0		mg/L	0.050	0.20	1.0	351.2
	Analysis Batch: 660-96389	Date Analyzed: 06/24/2010 1402					
	Prep Batch: 660-96337	Date Prepared: 06/23/2010 1600					
Nitrate Nitrite as N	0.014		mg/L	0.0047	0.010	1.0	353.2
	Analysis Batch: 640-70268	Date Analyzed: 06/24/2010 1229					
Phosphorus	0.059		mg/L	0.0044	0.010	1.0	365.1
	Analysis Batch: 640-70307	Date Analyzed: 06/25/2010 1403					
	Prep Batch: 640-70272	Date Prepared: 06/24/2010 1448					
Chromium (hexavalent)	2.0	U Q	ug/L	2.0	10	1.0	SM 3500 CR B
	Analysis Batch: 660-96291	Date Analyzed: 06/22/2010 0940					
Ammonia	1.8		mg/L	0.026	0.050	1.0	SM 4500 NH3
	Analysis Batch: 680-172931	Date Analyzed: 06/29/2010 1700					
	Prep Batch: 680-172902	Date Prepared: 06/29/2010 1511					
ortho-Phosphate-Dissolved	0.10	I	mg/L	0.014	0.50	10	SM 4500 P E
	Analysis Batch: 640-70213	Date Analyzed: 06/22/2010 1627					
Analyte	Result	Qual	Units	PQL	PQL	Dil	Method
Dissolved Inorganic Carbon-Dissolved	46		mg/L	1.0	1.0	1.0	9060
Alkalinity	190		mg/L	1.0	1.0	1.0	SM 2320B
	Analysis Batch: 660-96458	Date Analyzed: 06/25/2010 1415					
Carbonate Alkalinity as CaCO3	1.0	U	mg/L	1.0	1.0	1.0	SM 2320B
	Analysis Batch: 660-96458	Date Analyzed: 06/25/2010 1415					
Total Dissolved Solids	62000		mg/L	250	250	1.0	SM 2540C
	Analysis Batch: 660-96316	Date Analyzed: 06/23/2010 1426					
Sulfide	1.0	U	mg/L	1.0	1.0	1.0	SM 4500 S2 F
	Analysis Batch: 660-96344	Date Analyzed: 06/23/2010 1700					
Nitrogen, Total	2.0		mg/L	0.21	0.21	1.0	Total Nitrogen
	Analysis Batch: 640-70159	Date Analyzed: 06/28/2010 1030					
Unionized Ammonia	0.010		mg/L	0.000017	0.000017	1.0	UnionizedNH3
	Analysis Batch: 680-172947	Date Analyzed: 06/30/2010 0801					

Analytical Data

Client: Florida Power & Light Company

Job Number: 660-35863-1
Sdg Number: 35863

General Chemistry

Client Sample ID: 062110-TPSWC-6S

Lab Sample ID: 660-35863-6

Client Matrix: Water

Date Sampled: 06/21/2010 1451

Date Received: 06/22/2010 0855

Analyte	Result	Qual	Units	MDL	PQL	Dil	Method
Bromide	0.47		mg/L	0.027	0.050	1.0	300.0
	Analysis Batch: 660-96581	Date Analyzed: 06/28/2010 2215					
Chloride	150		mg/L	2.0	5.0	10	300.0
Run Type: DL	Analysis Batch: 660-96606	Date Analyzed: 06/29/2010 1914					
Fluoride	0.087		mg/L	0.020	0.050	1.0	300.0
	Analysis Batch: 660-96581	Date Analyzed: 06/28/2010 2215					
Sulfate	55		mg/L	2.0	5.0	10	300.0
Run Type: DL2	Analysis Batch: 660-96583	Date Analyzed: 06/28/2010 2257					
Nitrogen, Kjeldahl	0.36		mg/L	0.050	0.20	1.0	351.2
	Analysis Batch: 660-96389	Date Analyzed: 06/24/2010 1402					
	Prep Batch: 660-96337	Date Prepared: 06/23/2010 1600					
Nitrate Nitrite as N	0.021		mg/L	0.0047	0.010	1.0	353.2
	Analysis Batch: 640-70268	Date Analyzed: 06/24/2010 1230					
Phosphorus	0.0044	U	mg/L	0.0044	0.010	1.0	365.1
	Analysis Batch: 640-70307	Date Analyzed: 06/25/2010 1404					
	Prep Batch: 640-70272	Date Prepared: 06/24/2010 1448					
Chromium (hexavalent)	2.0	U	ug/L	2.0	10	1.0	SM 3500 CR B
	Analysis Batch: 660-96291	Date Analyzed: 06/22/2010 0940					
Ammonia	0.12		mg/L	0.026	0.050	1.0	SM 4500 NH3
	Analysis Batch: 680-172931	Date Analyzed: 06/29/2010 1700					
	Prep Batch: 680-172902	Date Prepared: 06/29/2010 1511					
ortho-Phosphate-Dissolved	0.014	I	mg/L	0.014	0.50	10	SM 4500 P E
	Analysis Batch: 640-70213	Date Analyzed: 06/22/2010 1628					
Analyte	Result	Qual	Units	PQL	PQL	Dil	Method
Dissolved Inorganic Carbon-Dissolved	49		mg/L	1.0	1.0	1.0	9060
	Analysis Batch: 680-172471	Date Analyzed: 06/23/2010 1218					
Alkalinity	200		mg/L	1.0	1.0	1.0	SM 2320B
	Analysis Batch: 660-96458	Date Analyzed: 06/25/2010 1421					
Carbonate Alkalinity as CaCO3	1.0	U	mg/L	1.0	1.0	1.0	SM 2320B
	Analysis Batch: 660-96458	Date Analyzed: 06/25/2010 1421					
Sulfide	1.0	U	mg/L	1.0	1.0	1.0	SM 4500 S2 F
	Analysis Batch: 660-96344	Date Analyzed: 06/23/2010 1700					
Nitrogen, Total	0.38		mg/L	0.21	0.21	1.0	Total Nitrogen
	Analysis Batch: 640-70159	Date Analyzed: 06/28/2010 1030					
Unionized Ammonia	0.0021		mg/L	0.000017	0.000017	1.0	UnionizedNH3
	Analysis Batch: 680-172947	Date Analyzed: 06/30/2010 0801					

Analytical Data

Client: Florida Power & Light Company

Job Number: 660-35863-1
Sdg Number: 35863

General Chemistry

Client Sample ID: 062110-TPSWC-6D

Date Sampled: 06/21/2010 1520

Lab Sample ID: 660-35863-7

Date Received: 06/22/2010 0855

Client Matrix: Water

Analyte	Result	Qual	Units	MDL	PQL	Dil	Method
Bromide	0.50		mg/L	0.027	0.050	1.0	300.0
Chloride	160		mg/L	2.0	5.0	10	300.0
Run Type: DL	Analysis Batch: 660-96606			Date Analyzed: 06/29/2010 1931	0.050	1.0	300.0
Fluoride	0.084		mg/L	0.020	0.050	1.0	300.0
Sulfate	56		mg/L	2.0	5.0	10	300.0
Run Type: DL2	Analysis Batch: 660-96583			Date Analyzed: 06/28/2010 2319	0.20	1.0	351.2
Nitrogen, Kjeldahl	0.42		mg/L	0.050	0.010	1.0	353.2
	Analysis Batch: 660-96389			Date Analyzed: 06/24/2010 1402			
	Prep Batch: 660-96337			Date Prepared: 06/23/2010 1600			
Nitrate Nitrite as N	0.050		mg/L	0.0047	0.010	1.0	365.1
Phosphorus	0.013		mg/L	0.0044	0.010	1.0	365.1
	Analysis Batch: 640-70307			Date Analyzed: 06/25/2010 1413			
	Prep Batch: 640-70272			Date Prepared: 06/24/2010 1448	10	1.0	SM 3500 CR B
Chromium (hexavalent)	2.0	U	ug/L	2.0	0.050	1.0	SM 4500 NH3
Ammonia	0.10		mg/L	0.026	0.050	1.0	SM 4500 P E
	Analysis Batch: 680-172931			Date Analyzed: 06/29/2010 1700			
	Prep Batch: 680-172902			Date Prepared: 06/29/2010 1511	0.50	10	SM 4500 P E
ortho-Phosphate-Dissolved	0.014	U	mg/L	0.014			
	Analysis Batch: 640-70213			Date Analyzed: 06/22/2010 1629			
Analyte	Result	Qual	Units	PQL	PQL	Dil	Method
Dissolved Inorganic Carbon-Dissolved	49		mg/L	1.0	1.0	1.0	9060
Alkalinity	190		mg/L	1.0	1.0	1.0	SM 2320B
Carbonate Alkalinity as CaCO3	1.0	U	mg/L	1.0	1.0	1.0	SM 2320B
Sulfide	1.0	U	mg/L	1.0	1.0	1.0	SM 4500 S2 F
Nitrogen, Total	0.47		mg/L	0.21	0.21	1.0	Total Nitrogen
Unionized Ammonia	0.0015		mg/L	0.000017	0.000017	1.0	UnionizedNH3
	Analysis Batch: 680-172947			Date Analyzed: 06/30/2010 0801			

Analytical Data

Client: Florida Power & Light Company

Job Number: 660-35863-1

Sdg Number: 35863

Field Service / Mobile Lab

Client Sample ID: 062110-TPGW-6S

Lab Sample ID: 660-35863-1

Client Matrix: Water

Date Sampled: 06/21/2010 1000

Date Received: 06/22/2010 0855

Analyte	Result	Qual	Units	Dil	Method	Analysis Batch	Date Analyzed Date Prepared
Field pH	7.03		SU	1.0	Field Sampling	660-97058	06/21/2010 1000
Field Temperature	24.75		Degrees C	1.0	Field Sampling	660-97058	06/21/2010 1000
Oxygen, Dissolved	4.8		mg/L	1.0	Field Sampling	660-97058	06/21/2010 1000
Specific Conductance	1050		umhos/cm	1.0	Field Sampling	660-97058	06/21/2010 1000
Turbidity	2.32		NTU	1.0	Field Sampling	660-97058	06/21/2010 1000

Analytical Data

Client: Florida Power & Light Company

Job Number: 660-35863-1

Sdg Number: 35863

Field Service / Mobile Lab

Client Sample ID: 062110-TPGW-6M

Lab Sample ID: 660-35863-2

Client Matrix: Water

Date Sampled: 06/21/2010 0915

Date Received: 06/22/2010 0855

Analyte	Result	Qual	Units	Dil	Method	Analysis Batch	Date Analyzed Date Prepared
Field pH	6.92		SU	1.0	Field Sampling	660-97058	06/21/2010 0915
Field Temperature	24.92		Degrees C	1.0	Field Sampling	660-97058	06/21/2010 0915
Oxygen, Dissolved	2.1		mg/L	1.0	Field Sampling	660-97058	06/21/2010 0915
Specific Conductance	19640		umhos/cm	1.0	Field Sampling	660-97058	06/21/2010 0915
Turbidity	0.46		NTU	1.0	Field Sampling	660-97058	06/21/2010 0915

Analytical Data

Client: Florida Power & Light Company

Job Number: 660-35863-1

Sdg Number: 35863

Field Service / Mobile Lab

Client Sample ID: 062110-TPGW-6D

Lab Sample ID: 660-35863-3

Client Matrix: Water

Date Sampled: 06/21/2010 0900

Date Received: 06/22/2010 0855

Analyte	Result	Qual	Units	Dil	Method	Analysis Batch	Date Analyzed Date Prepared
Field pH	6.84		SU	1.0	Field Sampling	660-97058	06/21/2010 0900
Field Temperature	24.83		Degrees C	1.0	Field Sampling	660-97058	06/21/2010 0900
Oxygen, Dissolved	4.6		mg/L	1.0	Field Sampling	660-97058	06/21/2010 0900
Specific Conductance	20400		umhos/cm	1.0	Field Sampling	660-97058	06/21/2010 0900
Turbidity	0.29		NTU	1.0	Field Sampling	660-97058	06/21/2010 0900

Analytical Data

Client: Florida Power & Light Company

Job Number: 660-35863-1

Sdg Number: 35863

Field Service / Mobile Lab

Client Sample ID: 062110-TPGW-2D

Lab Sample ID: 660-35863-5

Client Matrix: Water

Date Sampled: 06/21/2010 0000

Date Received: 06/22/2010 0855

Analyte	Result	Qual	Units	Dil	Method	Analysis Batch	Date Analyzed Date Prepared
Field pH	6.86		SU	1.0	Field Sampling	660-97058	06/21/2010 0000
Field Temperature	27.12		Degrees C	1.0	Field Sampling	660-97058	06/21/2010 0000
Oxygen, Dissolved	1.7		mg/L	1.0	Field Sampling	660-97058	06/21/2010 0000
Specific Conductance	65230		umhos/cm	1.0	Field Sampling	660-97058	06/21/2010 0000
Turbidity	0.03		NTU	1.0	Field Sampling	660-97058	06/21/2010 0000

Analytical Data

Client: Florida Power & Light Company

Job Number: 660-35863-1

Sdg Number: 35863

Field Service / Mobile Lab

Client Sample ID: 062110-TPSWC-6S

Lab Sample ID: 660-35863-6

Client Matrix: Water

Date Sampled: 06/21/2010 1451

Date Received: 06/22/2010 0855

Analyte	Result	Qual	Units	Dil	Method	Analysis Batch	Date Analyzed Date Prepared
Field pH	7.32		SU	1.0	Field Sampling	660-97058	06/21/2010 1451
Field Temperature	28.18		Degrees C	1.0	Field Sampling	660-97058	06/21/2010 1451
Oxygen, Dissolved	1.95		mg/L	1.0	Field Sampling	660-97058	06/21/2010 1451
Specific Conductance	839		umhos/cm	1.0	Field Sampling	660-97058	06/21/2010 1451
Turbidity	0.55		NTU	1.0	Field Sampling	660-97058	06/21/2010 1451

Analytical Data

Client: Florida Power & Light Company

Job Number: 660-35863-1

Sdg Number: 35863

Field Service / Mobile Lab

Client Sample ID: 062110-TPSWC-6D

Lab Sample ID: 660-35863-7

Client Matrix: Water

Date Sampled: 06/21/2010 1520

Date Received: 06/22/2010 0855

Analyte	Result	Qual	Units	Dil	Method	Analysis Batch	Date Analyzed Date Prepared
Field pH	7.27		SU	1.0	Field Sampling	660-97058	06/21/2010 1520
Field Temperature	27.71		Degrees C	1.0	Field Sampling	660-97058	06/21/2010 1520
Oxygen, Dissolved	2.02		mg/L	1.0	Field Sampling	660-97058	06/21/2010 1520
Specific Conductance	892		umhos/cm	1.0	Field Sampling	660-97058	06/21/2010 1520
Turbidity	1.25		NTU	1.0	Field Sampling	660-97058	06/21/2010 1520

DATA REPORTING QUALIFIERS

Client: Florida Power & Light Company

Job Number: 660-35863-1
Sdg Number: 35863

Lab Section	Qualifier	Description
Metals	J3	Estimated value; value may not be accurate. Spike recovery or RPD outside of criteria.
	U	Indicates that the compound was analyzed for but not detected.
	I	The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
General Chemistry	J3	Estimated value; value may not be accurate. Spike recovery or RPD outside of criteria.
	U	Indicates that the compound was analyzed for but not detected.
	Q	Sample held beyond the accepted holding time.
	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: 660-35863-1
Sdg Number: 35863

Method Blank - Batch: 680-172919

Method: 200.7 Rev 4.4

Preparation: N/A

Lab Sample ID: MB 680-172838/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 06/29/2010 1117
Date Prepared: N/A

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

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

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

Lab Control Sample - Batch: 680-172919

Method: 200.7 Rev 4.4

Preparation: N/A

Lab Sample ID: LCS 680-172838/2-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 06/29/2010 1122
Date Prepared: N/A

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

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

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
SiO2, Silica	10000	10200	102	85 - 115	

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 680-172919

Method: 200.7 Rev 4.4

Preparation: N/A

MS Lab Sample ID: 660-35863-4
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 06/29/2010 1243
Date Prepared: N/A

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

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

MSD Lab Sample ID: 660-35863-4
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 06/29/2010 1256
Date Prepared: N/A

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

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

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
SiO2, Silica	100	103	75 - 125	2	20		

Quality Control Results

Client: Florida Power & Light Company

Job Number: 660-35863-1
Sdg Number: 35863

Method Blank - Batch: 640-70252

Method: 200.7 Rev 4.4
Preparation: 200.7
Total Recoverable

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

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

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

Analyte	Result	Qual	MDL	PQL
	1.2	U	1.2	10
Arsenic	0.81	U	0.81	10
Barium	0.18	U	0.18	4.0
Beryllium	0.38	U	0.38	5.0
Cadmium	0.33	U	0.33	20
Copper	2.7	U	2.7	50
Iron	2.4	U	2.4	5.0
Lead	0.46	U	0.46	10
Manganese	0.47	U	0.47	10
Molybdenum	1.4	U	1.4	40
Nickel	3.4	U	3.4	10
Selenium	1.6	U	1.6	10
Thallium	0.52	U	0.52	10
Vanadium	1.7	U	1.7	20
Zinc				

Quality Control Results

Client: Florida Power & Light Company

Job Number: 660-35863-1
Sdg Number: 35863

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

**Method: 200.7 Rev 4.4
Preparation: 200.7
Total Recoverable**

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

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

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

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

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

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

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
	102	103	85 - 115	1	20		
Arsenic	100	99	85 - 115	1	20		
Barium	104	105	85 - 115	1	20		
Beryllium	105	105	85 - 115	0	20		
Cadmium	100	101	85 - 115	1	20		
Copper	96	97	85 - 115	1	20		
Iron	99	100	85 - 115	1	20		
Lead	102	103	85 - 115	1	20		
Manganese	94	96	85 - 115	1	20		
Molybdenum	98	99	85 - 115	1	20		
Nickel	107	108	85 - 115	1	20		
Selenium	105	106	85 - 115	1	20		
Thallium	100	101	85 - 115	1	20		
Vanadium	100	100	85 - 115	0	20		
Zinc							

Quality Control Results

Client: Florida Power & Light Company

Job Number: 660-35863-1
Sdg Number: 35863

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 640-70252

Method: 200.7 Rev 4.4
Preparation: 200.7
Total Recoverable

MS Lab Sample ID: 660-35863-4
Client Matrix: Water
Dilution: 10
Date Analyzed: 06/29/2010 0956
Date Prepared: 06/24/2010 1130

Analysis Batch: 640-70408
Prep Batch: 640-70252

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

MSD Lab Sample ID: 660-35863-4
Client Matrix: Water
Dilution: 10
Date Analyzed: 06/29/2010 1001
Date Prepared: 06/24/2010 1130

Analysis Batch: 640-70408
Prep Batch: 640-70252

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

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Arsenic	110	109	70 - 130	1	20		
Barium	107	104	70 - 130	2	20		
Beryllium	115	113	70 - 130	2	20		
Cadmium	119	114	70 - 130	4	20		
Copper	93	89	70 - 130	5	20		
Iron	100	94	70 - 130	4	20		
Lead	108	106	70 - 130	2	20		
Manganese	110	107	70 - 130	2	20		
Molybdenum	101	98	70 - 130	3	20		
Nickel	104	104	70 - 130	0	20		
Selenium	110	106	70 - 130	3	20		
Thallium	104	102	70 - 130	1	20		
Vanadium	105	102	70 - 130	2	20		
Zinc	103	101	70 - 130	2	20		

Quality Control Results

Client: Florida Power & Light Company

Job Number: 660-35863-1
Sdg Number: 35863

Duplicate - Batch: 640-70252

Method: 200.7 Rev 4.4

Preparation: 200.7

Total Recoverable

Lab Sample ID: 660-35863-5
Client Matrix: Water
Dilution: 10
Date Analyzed: 06/29/2010 1019
Date Prepared: 06/24/2010 1130

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

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

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
	12 U	12	NC	20	U
Arsenic	110	138	24	20	J3
Barium	1.8 U	1.8	NC	20	U
Beryllium	3.8 U	3.8	NC	20	U
Cadmium	3.3 U	3.3	NC	20	U
Copper	900	866	4	20	
Iron	24 U	24	NC	20	U
Lead	55 I	52.0	6	20	I
Manganese	4.7 U	4.7	NC	20	U
Molybdenum	14 U	14	NC	20	U
Nickel	34 U	34	NC	20	U
Selenium	16 U	16	NC	20	U
Thallium	14 I	13.4	1	20	I
Vanadium	17 U	17	NC	20	U
Zinc					

Quality Control Results

Client: Florida Power & Light Company

Job Number: 660-35863-1
Sdg Number: 35863

Method Blank - Batch: 660-96286

Method: 245.1
Preparation: 245.1

Lab Sample ID: MB 660-96286/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 06/23/2010 1312
Date Prepared: 06/23/2010 0900

Analysis Batch: 660-96322
Prep Batch: 660-96286
Units: ug/L

Instrument ID: PS200II
Lab File ID: 10F23PS.PRN
Initial Weight/Volume: 25 mL
Final Weight/Volume: 25 mL

Analyte	Result	Qual	MDL	PQL
Mercury	0.072	U	0.072	0.20

Lab Control Sample - Batch: 660-96286

Method: 245.1
Preparation: 245.1

Lab Sample ID: LCS 660-96286/2-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 06/23/2010 1315
Date Prepared: 06/23/2010 0900

Analysis Batch: 660-96322
Prep Batch: 660-96286
Units: ug/L

Instrument ID: PS200II
Lab File ID: 10F23PS.PRN
Initial Weight/Volume: 25 mL
Final Weight/Volume: 25 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Mercury	1.00	0.890	89	85 - 115	

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 660-96286

Method: 245.1
Preparation: 245.1

MS Lab Sample ID: 660-35863-1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 06/23/2010 1342
Date Prepared: 06/23/2010 0900

Analysis Batch: 660-96322
Prep Batch: 660-96286

Instrument ID: PS200II
Lab File ID: 10F23PS.PRN
Initial Weight/Volume: 25 mL
Final Weight/Volume: 25 mL

MSD Lab Sample ID: 660-35863-1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 06/23/2010 1345
Date Prepared: 06/23/2010 0900

Analysis Batch: 660-96322
Prep Batch: 660-96286

Instrument ID: PS200II
Lab File ID: 10F23PS.PRN
Initial Weight/Volume: 25 mL
Final Weight/Volume: 25 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Mercury	91	90	85 - 115	1	20		

Quality Control Results

Client: Florida Power & Light Company

Job Number: 660-35863-1
Sdg Number: 35863

Method Blank - Batch: 660-96364

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

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

Method: 6010B Preparation: 3005A Total Recoverable

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

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

Method Blank - Batch: 660-96364

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

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

Method: 6010B Preparation: 3005A Total Recoverable

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

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

Quality Control Results

Client: Florida Power & Light Company

Job Number: 660-35863-1
Sdg Number: 35863

Lab Control Sample - Batch: 660-96364

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

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

Method: 6010B
Preparation: 3005A
Total Recoverable

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

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

Lab Control Sample - Batch: 660-96364

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

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

Method: 6010B
Preparation: 3005A
Total Recoverable

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

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

Quality Control Results

Client: Florida Power & Light Company

Job Number: 660-35863-1
Sdg Number: 35863

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 660-96364

Method: 6010B
Preparation: 3005A
Total Recoverable

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

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

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

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

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

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 660-96364

Method: 6010B
Preparation: 3005A
Total Recoverable

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

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

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

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

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

Quality Control Results

Client: Florida Power & Light Company

Job Number: 660-35863-1
Sdg Number: 35863

Method Blank - Batch: 660-96495

Method: 300.0
Preparation: N/A

Lab Sample ID: MB 660-96495/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 06/26/2010 1305
Date Prepared: N/A

Analysis Batch: 660-96495
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: 660-96495

Method: 300.0
Preparation: N/A

Lab Sample ID: LCS 660-96495/4
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 06/26/2010 1327
Date Prepared: N/A

Analysis Batch: 660-96495
Prep Batch: N/A
Units: mg/L

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

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Bromide	1.00	1.01	101	90 - 110	
Chloride	10.0	9.74	97	90 - 110	
Sulfate	10.0	10.1	101	90 - 110	

Quality Control Results

Client: Florida Power & Light Company

Job Number: 660-35863-1
Sdg Number: 35863

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 660-96495

Method: 300.0
Preparation: N/A

MS Lab Sample ID: 660-35855-L-3 MS ^10
Client Matrix: Water
Dilution: 10
Date Analyzed: 06/26/2010 1957
Date Prepared: N/A

Analysis Batch: 660-96495
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: 660-35855-L-3 MSD ^10
Client Matrix: Water
Dilution: 10
Date Analyzed: 06/26/2010 2019
Date Prepared: N/A

Analysis Batch: 660-96495
Prep Batch: N/A

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

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Sulfate	101	102	90 - 110	1	30		

Quality Control Results

Client: Florida Power & Light Company

Job Number: 660-35863-1
Sdg Number: 35863

Method Blank - Batch: 660-96581

Method: 300.0
Preparation: N/A

Lab Sample ID: MB 660-96581/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 06/28/2010 2013
Date Prepared: N/A

Analysis Batch: 660-96581
Prep Batch: N/A
Units: mg/L

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

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

Lab Control Sample - Batch: 660-96581

Method: 300.0
Preparation: N/A

Lab Sample ID: LCS 660-96581/4
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 06/28/2010 2030
Date Prepared: N/A

Analysis Batch: 660-96581
Prep Batch: N/A
Units: mg/L

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

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Bromide	1.00	0.975	98	90 - 110	
Chloride	10.0	10.3	103	90 - 110	
Fluoride	1.00	0.946	95	90 - 110	

Quality Control Results

Client: Florida Power & Light Company

Job Number: 660-35863-1
Sdg Number: 35863

Matrix Spike/

Matrix Spike Duplicate Recovery Report - Batch: 660-96581

Method: 300.0

Preparation: N/A

MS Lab Sample ID: 660-35863-4DL2
Client Matrix: Water
Dilution: 1000
Date Analyzed: 06/28/2010 2343
Date Prepared: N/A

Analysis Batch: 660-96581
Prep Batch: N/A
Run Type: DL2

Instrument ID: DIONEX 1
Lab File ID: 23.0000.TXT
Initial Weight/Volume:
Final Weight/Volume: 50 mL

MSD Lab Sample ID: 660-35863-4DL2
Client Matrix: Water
Dilution: 1000
Date Analyzed: 06/29/2010 0000
Date Prepared: N/A

Analysis Batch: 660-96581
Prep Batch: N/A
Run Type: DL2

Instrument ID: DIONEX 1
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					
Bromide	97	97	90 - 110	0	30		
Chloride	95	96	90 - 110	0	30		
Fluoride	87	87	90 - 110	0	30	J3	J3

Quality Control Results

Client: Florida Power & Light Company

Job Number: 660-35863-1
Sdg Number: 35863

Method Blank - Batch: 660-96583

Method: 300.0
Preparation: N/A

Lab Sample ID: MB 660-96583/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 06/28/2010 2047
Date Prepared: N/A

Analysis Batch: 660-96583
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
Sulfate	0.20	U	0.20	0.50

Lab Control Sample - Batch: 660-96583

Method: 300.0
Preparation: N/A

Lab Sample ID: LCS 660-96583/4
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 06/28/2010 2109
Date Prepared: N/A

Analysis Batch: 660-96583
Prep Batch: N/A
Units: mg/L

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

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

Quality Control Results

Client: Florida Power & Light Company

Job Number: 660-35863-1

Sdg Number: 35863

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 660-96583

Method: 300.0
Preparation: N/A

MS Lab Sample ID: 660-35915-A-3 MS ^20
Client Matrix: Water
Dilution: 20
Date Analyzed: 06/29/2010 0107
Date Prepared: N/A

Analysis Batch: 660-96583
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: 660-35915-A-3 MSD ^20
Client Matrix: Water
Dilution: 20
Date Analyzed: 06/29/2010 0129
Date Prepared: N/A

Analysis Batch: 660-96583
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	103	104	90 - 110	0	30		

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 660-96583

Method: 300.0
Preparation: N/A

MS Lab Sample ID: 660-35863-4DL
Client Matrix: Water
Dilution: 100
Date Analyzed: 06/29/2010 0401
Date Prepared: N/A

Analysis Batch: 660-96583
Prep Batch: N/A
Run Type: DL

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

MSD Lab Sample ID: 660-35863-4DL
Client Matrix: Water
Dilution: 100
Date Analyzed: 06/29/2010 0422
Date Prepared: N/A

Analysis Batch: 660-96583
Prep Batch: N/A
Run Type: DL

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	98	90 - 110	4	30		

Quality Control Results

Client: Florida Power & Light Company

Job Number: 660-35863-1
Sdg Number: 35863

Method Blank - Batch: 660-96603

Method: 300.0
Preparation: N/A

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

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

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

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

Lab Control Sample - Batch: 660-96603

Method: 300.0
Preparation: N/A

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

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

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

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

Quality Control Results

Client: Florida Power & Light Company

Job Number: 660-35863-1
Sdg Number: 35863

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 660-96603

Method: 300.0
Preparation: N/A

MS Lab Sample ID: 660-35863-3
Client Matrix: Water
Dilution: 100
Date Analyzed: 06/29/2010 2033
Date Prepared: N/A

Analysis Batch: 660-96603
Prep Batch: N/A

Instrument ID: DIONEX2
Lab File ID: 14.0000.TXT
Initial Weight/Volume:
Final Weight/Volume: 50 mL

MSD Lab Sample ID: 660-35863-3
Client Matrix: Water
Dilution: 100
Date Analyzed: 06/29/2010 2055
Date Prepared: N/A

Analysis Batch: 660-96603
Prep Batch: N/A

Instrument ID: DIONEX2
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					
Sulfate	105	103	90 - 110	1	30		

Quality Control Results

Client: Florida Power & Light Company

Job Number: 660-35863-1
Sdg Number: 35863

Method Blank - Batch: 660-96606

Method: 300.0
Preparation: N/A

Lab Sample ID: MB 660-96606/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 06/29/2010 1721
Date Prepared: N/A

Analysis Batch: 660-96606
Prep Batch: N/A
Units: mg/L

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

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

Lab Control Sample - Batch: 660-96606

Method: 300.0
Preparation: N/A

Lab Sample ID: LCS 660-96606/4
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 06/29/2010 1838
Date Prepared: N/A

Analysis Batch: 660-96606
Prep Batch: N/A
Units: mg/L

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

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Chloride	10.0	10.2	102	90 - 110	
Fluoride	1.00	1.01	101	90 - 110	

Quality Control Results

Client: Florida Power & Light Company

Job Number: 660-35863-1
Sdg Number: 35863

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 660-96606

Method: 300.0
Preparation: N/A

MS Lab Sample ID: 660-35863-7DL
Client Matrix: Water
Dilution: 10
Date Analyzed: 06/29/2010 1949
Date Prepared: N/A

Analysis Batch: 660-96606
Prep Batch: N/A
Run Type: DL

Instrument ID: DIONEX 1
Lab File ID: 16.0000.TXT
Initial Weight/Volume:
Final Weight/Volume: 50 mL

MSD Lab Sample ID: 660-35863-7DL
Client Matrix: Water
Dilution: 10
Date Analyzed: 06/29/2010 2006
Date Prepared: N/A

Analysis Batch: 660-96606
Prep Batch: N/A
Run Type: DL

Instrument ID: DIONEX 1
Lab File ID: 17.0000.TXT
Initial Weight/Volume:
Final Weight/Volume: 50 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Chloride	97	97	90 - 110	0	30		
Fluoride	95	95	90 - 110	0	30		

Quality Control Results

Client: Florida Power & Light Company

Job Number: 660-35863-1
Sdg Number: 35863

Method Blank - Batch: 660-96337

Method: 351.2
Preparation: 351.2

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

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

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

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

Lab Control Sample - Batch: 660-96337

Method: 351.2
Preparation: 351.2

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

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

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

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

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 660-96337

Method: 351.2
Preparation: 351.2

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

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

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

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

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

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

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

Quality Control Results

Client: Florida Power & Light Company

Job Number: 660-35863-1
Sdg Number: 35863

Method Blank - Batch: 640-70268

Method: 353.2
Preparation: N/A

Lab Sample ID: MB 640-70268/30
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 06/24/2010 1138
Date Prepared: N/A

Analysis Batch: 640-70268
Prep Batch: N/A
Units: mg/L

Instrument ID: ASTORIA
Lab File ID: NO2+NO30602410A1.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: 640-70268

Method: 353.2
Preparation: N/A

LCS Lab Sample ID: LCS 640-70268/31
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 06/24/2010 1140
Date Prepared: N/A

Analysis Batch: 640-70268
Prep Batch: N/A
Units: mg/L

Instrument ID: ASTORIA
Lab File ID: NO2+NO30602410A1.txt
Initial Weight/Volume: 25.0 mL
Final Weight/Volume: 25.0 mL

LCSD Lab Sample ID: LCSD 640-70268/32
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 06/24/2010 1144
Date Prepared: N/A

Analysis Batch: 640-70268
Prep Batch: N/A
Units: mg/L

Instrument ID: ASTORIA
Lab File ID: NO2+NO30602410A1.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	108	108	90 - 110	0	30		

Quality Control Results

Client: Florida Power & Light Company

Job Number: 660-35863-1
Sdg Number: 35863

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 640-70268

Method: 353.2
Preparation: N/A

MS Lab Sample ID: 640-28468-C-1 MS
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 06/24/2010 1148
Date Prepared: N/A

Analysis Batch: 640-70268
Prep Batch: N/A

Instrument ID: ASTORIA
Lab File ID: NO2+NO30602410A1.txt
Initial Weight/Volume: 25.0 mL
Final Weight/Volume: 25.0 mL

MSD Lab Sample ID: 640-28468-C-1 MSD
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 06/24/2010 1149
Date Prepared: N/A

Analysis Batch: 640-70268
Prep Batch: N/A

Instrument ID: ASTORIA
Lab File ID: NO2+NO30602410A1.txt
Initial Weight/Volume: 25.0 mL
Final Weight/Volume: 25.0 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Nitrate Nitrite as N	122	120	90 - 110	1	30	J3	J3

Duplicate - Batch: 640-70268

Method: 353.2
Preparation: N/A

Lab Sample ID: 640-28468-C-1 DU
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 06/24/2010 1146
Date Prepared: N/A

Analysis Batch: 640-70268
Prep Batch: N/A
Units: mg/L

Instrument ID: ASTORIA
Lab File ID: NO2+NO30602410A1.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	1.5	1.49	1	30	

Quality Control Results

Client: Florida Power & Light Company

Job Number: 660-35863-1
Sdg Number: 35863

Method Blank - Batch: 640-70272

Method: 365.1
Preparation: 365.2/365.3/365

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

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

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

Analyte	Result	Qual	MDL	PQL
Phosphorus	0.0044	U	0.0044	0.010

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

Method: 365.1
Preparation: 365.2/365.3/365

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

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

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

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

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

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

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

Quality Control Results

Client: Florida Power & Light Company

Job Number: 660-35863-1
Sdg Number: 35863

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 640-70272

Method: 365.1
Preparation: 365.2/365.3/365

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

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

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

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

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

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

Duplicate - Batch: 640-70272

Method: 365.1
Preparation: 365.2/365.3/365

Lab Sample ID: 640-28469-E-1-B DU
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 06/25/2010 1324
Date Prepared: 06/24/2010 1448

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

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

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

Quality Control Results

Client: Florida Power & Light Company

Job Number: 660-35863-1
Sdg Number: 35863

Method Blank - Batch: 680-172471

Method: 9060
Preparation: N/A

Lab Sample ID: MB 680-172471/1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 06/23/2010 1218
Date Prepared: N/A

Analysis Batch: 680-172471
Prep Batch: N/A
Units: mg/L

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: 660-35863-1
Sdg Number: 35863

Method Blank - Batch: 660-96458

Method: SM 2320B
Preparation: N/A

Lab Sample ID: MB 660-96458/1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 06/25/2010 1236
Date Prepared: N/A

Analysis Batch: 660-96458
Prep Batch: N/A
Units: mg/L

Instrument ID: MANTECH
Lab File ID: 6.25.10.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: 660-96458

Method: SM 2320B
Preparation: N/A

Lab Sample ID: LCS 660-96458/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 06/25/2010 1244
Date Prepared: N/A

Analysis Batch: 660-96458
Prep Batch: N/A
Units: mg/L

Instrument ID: MANTECH
Lab File ID: 6.25.10.txt
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Alkalinity	118	115	98	80 - 120	

Duplicate - Batch: 660-96458

Method: SM 2320B
Preparation: N/A

Lab Sample ID: 660-35863-3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 06/25/2010 1404
Date Prepared: N/A

Analysis Batch: 660-96458
Prep Batch: N/A
Units: mg/L

Instrument ID: MANTECH
Lab File ID: 6.25.10.txt
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Alkalinity	200	202	1	30	
Carbonate Alkalinity as CaCO ₃	1.0 U	1.0	NC	30	U

Quality Control Results

Client: Florida Power & Light Company

Job Number: 660-35863-1
Sdg Number: 35863

Method Blank - Batch: 660-96316

Method: SM 2540C
Preparation: N/A

Lab Sample ID: MB 660-96316/1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 06/23/2010 1418
Date Prepared: N/A

Analysis Batch: 660-96316
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: 660-96316

Method: SM 2540C
Preparation: N/A

Lab Sample ID: LCS 660-96316/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 06/23/2010 1418
Date Prepared: N/A

Analysis Batch: 660-96316
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	9840	98	80 - 120	

Duplicate - Batch: 660-96316

Method: SM 2540C
Preparation: N/A

Lab Sample ID: 660-35848-K-1 DU
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 06/23/2010 1419
Date Prepared: N/A

Analysis Batch: 660-96316
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	53000	53800	1	20	

Quality Control Results

Client: Florida Power & Light Company

Job Number: 660-35863-1
Sdg Number: 35863

Method Blank - Batch: 660-96291

Method: SM 3500 CR B
Preparation: N/A

Lab Sample ID: MB 660-96291/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 06/22/2010 0940
Date Prepared: N/A

Analysis Batch: 660-96291
Prep Batch: N/A
Units: ug/L

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

Analyte	Result	Qual	MDL	PQL
Chromium (hexavalent)	2.0	U	2.0	10

Lab Control Sample - Batch: 660-96291

Method: SM 3500 CR B
Preparation: N/A

Lab Sample ID: LCS 660-96291/4
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 06/22/2010 0940
Date Prepared: N/A

Analysis Batch: 660-96291
Prep Batch: N/A
Units: ug/L

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

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Chromium (hexavalent)	20.0	21.0	105	85 - 115	

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 660-96291

Method: SM 3500 CR B
Preparation: N/A

MS Lab Sample ID: 660-35863-1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 06/22/2010 0940
Date Prepared: N/A

Analysis Batch: 660-96291
Prep Batch: N/A

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

MSD Lab Sample ID: 660-35863-1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 06/22/2010 0940
Date Prepared: N/A

Analysis Batch: 660-96291
Prep Batch: N/A

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

Analyte	MS	<u>% Rec.</u> MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Chromium (hexavalent)	115	115	85 - 115	0	20		

Quality Control Results

Client: Florida Power & Light Company

Job Number: 660-35863-1
Sdg Number: 35863

Method Blank - Batch: 680-172902

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

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

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

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

Analyte	Result	Qual	MDL	PQL
Ammonia	0.026	U	0.026	0.050

Lab Control Sample - Batch: 680-172902

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

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

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

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

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

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 680-172902

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

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

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

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

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

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

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

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

Quality Control Results

Client: Florida Power & Light Company

Job Number: 660-35863-1
Sdg Number: 35863

Duplicate - Batch: 680-172902

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

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

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

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

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

Quality Control Results

Client: Florida Power & Light Company

Job Number: 660-35863-1
Sdg Number: 35863

Method Blank - Batch: 640-70213

Method: SM 4500 P E
Preparation: N/A

Lab Sample ID: MB 640-70213/1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 06/22/2010 1619
Date Prepared: N/A

Analysis Batch: 640-70213
Prep Batch: N/A
Units: mg/L

Instrument ID: ASTORIA2
Lab File ID: OP062210A.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: 640-70213

Method: SM 4500 P E
Preparation: N/A

LCS Lab Sample ID: LCS 640-70213/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 06/22/2010 1556
Date Prepared: N/A

Analysis Batch: 640-70213
Prep Batch: N/A
Units: mg/L

Instrument ID: ASTORIA2
Lab File ID: OP062210A.txt
Initial Weight/Volume: 25 mL
Final Weight/Volume: 25 mL

LCSD Lab Sample ID: LCSD 640-70213/4
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 06/22/2010 1557
Date Prepared: N/A

Analysis Batch: 640-70213
Prep Batch: N/A
Units: mg/L

Instrument ID: ASTORIA2
Lab File ID: OP062210A.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	101	103	90 - 110	2	30	I	I

Quality Control Results

Client: Florida Power & Light Company

Job Number: 660-35863-1
Sdg Number: 35863

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 640-70213

Method: SM 4500 P E
Preparation: N/A

MS Lab Sample ID: 640-28451-D-1 MS
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 06/22/2010 1604
Date Prepared: N/A

Analysis Batch: 640-70213
Prep Batch: N/A

Instrument ID: ASTORIA2
Lab File ID: OP062210A.txt
Initial Weight/Volume: 25 mL
Final Weight/Volume: 25 mL

MSD Lab Sample ID: 640-28451-D-1 MSD
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 06/22/2010 1605
Date Prepared: N/A

Analysis Batch: 640-70213
Prep Batch: N/A

Instrument ID: ASTORIA2
Lab File ID: OP062210A.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	59	58	90 - 110	1	30	J3	J3

Duplicate - Batch: 640-70213

Method: SM 4500 P E
Preparation: N/A

Lab Sample ID: 640-28451-D-1 DU
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 06/22/2010 1603
Date Prepared: N/A

Analysis Batch: 640-70213
Prep Batch: N/A
Units: mg/L

Instrument ID: ASTORIA2
Lab File ID: OP062210A.txt
Initial Weight/Volume: 25 mL
Final Weight/Volume: 25 mL

Analyte	Sample Result/Qual		Result	RPD	Limit	Qual
ortho-Phosphate-Dissolved	0.038	I	0.0368	4.34	30	I

Quality Control Results

Client: Florida Power & Light Company

Job Number: 660-35863-1
Sdg Number: 35863

Method Blank - Batch: 660-96344

Method: SM 4500 S2 F
Preparation: N/A

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

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

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

Analyte	Result	Qual	PQL	PQL
Sulfide	1.0	U	1.0	1.0

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

Method: SM 4500 S2 F
Preparation: N/A

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

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

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

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

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

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

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

Form FD 9000-24
GROUNDWATER SAMPLING LOG

35863

SITE NAME: 062110-TPCW-65		SITE LOCATION:	
WELL NO:		DATE: 06-21-10	

PURGING DATA											
WELL DIAMETER (inches):	TUBING DIAMETER (inches):	WELL SCREEN INTERVAL DEPTH: 22 feet to 24 feet	STATIC DEPTH TO WATER (feet):	PURGE PUMP TYPE OR BAILER:							
2"	3/16"		85	PP							
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY											
EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME											
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 23.5											
FINAL PUMP OR TUBING DEPTH IN WELL (feet): 23.5											
PURGING INITIATED AT: 0921											
PURGING ENDED AT: 0952											
TOTAL VOLUME PURGED (gallons): 2.75											
TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) $\mu\text{mhos/cm}$ or $\mu\text{S/cm}$	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
0932	1.15	1.15	0.08	0.75	7.05	24.11	1.05	10.2 (.83)	4.65	Clear	none
0944	.95	2.10	0.08	0.80	7.04	24.81	1.054	5.7 (.47)	1.08	"	"
0952	.65	2.75	0.06	0.80	7.03	24.75	1.05	4.8 (.40)	2.32	"	"
WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 6" = 1.02; 8" = 1.47; 12" = 5.88											
TUBING INSIDE DIA. CAPACITY (Gal./FL): 1/8" = 0.0008; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016											
PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)											

ORP
-75.9
-93.4
-108.8

SAMPLED BY (PRINT) / AFFILIATION:				SAMPLER(S) SIGNATURE(S):		SAMPLING INITIATED AT:		SAMPLING ENDED AT:				
J. Jacobs S. Wager E, Inc				[Signature]		1000		1008				
PUMP OR TUBING DEPTH IN WELL (feet): 23.5				TUBING MATERIAL CODE: T		FIELD-FILTERED: (Y) N		FILTER SIZE: 45 μm				
FIELD DECONTAMINATION: PUMP Y (N)				TUBING Y (N) replaced		DUPLICATE: Y (O)						
SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD		SAMPLING EQUIPMENT CODE		SAMPLE PUMP FLOW RATE (mL per minute)	
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH						
	1	PE	1L	-	1L	-	Alk, Cl, Fe, Mn		APP		0.06	
	2	PE	500mL	-1/2 HCl	500 mL	-7.8	TDS / Si / Fe		APP		0.06	
	2	PE	250mL	-1/4 HCl	250 mL	-7.2	Tot / Stront		APP		0.06	
	2	PE	125mL	-	125 mL	-	Carbon / OP3		APP		0.06	
	1	CG	40mL	-	40 mL	-	DIL		APP		0.06	
	1	AG	250mL	HCl	125 mL	1	DOC		APP		0.06	
REMARKS: 1 PE 250mL Nitrate 250 mL 1 methyl APP 0.06												
MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)												
SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)												

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
pH: ± 0.2 units Temperature: ± 0.2 °C Specific Conductance: $\pm 5\%$ Dissolved Oxygen: all readings $\leq 20\%$ saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or $\pm 10\%$ (whichever is greater) Turbidity: all readings ≤ 20 NTU; optionally ± 5 NTU or $\pm 10\%$ (whichever is greater)
Revision Date: February 12, 2009

Form FD 9000-24
GROUNDWATER SAMPLING LOG

SITE NAME: 062110-TPGW-6m		SITE LOCATION:	
WELL NO:		DATE: 06-21-10	

PURGING DATA											
WELL DIAMETER (inches): 2"	TUBING DIAMETER (inches): 3/16"	WELL SCREEN INTERVAL DEPTH: 48 feet to 52 feet	STATIC DEPTH TO WATER (feet): 1.20	PURGE PUMP TYPE OR BAILER: PP							
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable)											
EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (only fill out if applicable)											
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 51	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 51	PURGING INITIATED AT: 0828	PURGING ENDED AT: 0914	TOTAL VOLUME PURGED (gallons): 2.50							
TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) $\mu\text{mhos/cm}$ or $\mu\text{S/cm}$	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
0837	1.10	1.10	.12	1.2	6.91	24.44	19.65	3.9 (3.0)	1.33	clear	none
0848	.40	1.50	.04	1.19	6.95	26.25	19.64	11.2 (8.5)	4.33	"	"
0900	.60	2.10	.08	1.17	6.92	24.92	19.64	2.1 (1.6)	0.40	"	"
WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.08; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88 TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0005; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016											
PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)											

SAMPLING DATA										
SAMPLED BY (PRINT) / AFFILIATION: J. Jacobs S. Hodges E. Inc.				SAMPLER(S) SIGNATURE(S): [Signature]				SAMPLING INITIATED AT: 0915		SAMPLING ENDED AT: 0932
PUMP OR TUBING DEPTH IN WELL (feet): 51				TUBING MATERIAL CODE: T				FIELD-FILTERED: (Y) N		FILTER SIZE: 45 μm
FIELD DECONTAMINATION: PUMP Y (N)				TUBING Y (N) (replaced)				DUPLICATE: Y (N)		
SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)	
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH				
	1	PE	1L	—	1L	—	Alk, Cl, Br, F	APP	0.08	
	1	PE	500 mL	—	500 mL	—	TDS	APP	.08	
	1	PE	250 mL	Nitric	250 mL	2	metals	APP	.08	
	2	PE	125 mL	—	125 mL	—	Carbon/DO/301	APP	.08	
	2	PE	250 mL	-Nitric	250 mL	-1/2	Trit/Bron	APP	.08	
	1	AG	250 mL	14 Cl	250 mL	4	DOC	APP	.08	
REMARKS: 1 (CG) 40 mL				40 mL			DIC	APP	.08	
1 PE 500 mL 2N Acetic				500 mL			8.5	SHI/Free	APP	
MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)										
SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)										

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

Revision Date: February 12, 2009

Form FD 9000-24

RP
 101.8
 101.4
 95.5

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
pH: ± 0.2 units Temperature: ± 0.2 °C Specific Conductance: $\pm 5\%$ Dissolved Oxygen: all readings $\leq 20\%$ saturation (see Table FS 2200-2);
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Revision Date: February 12, 2009

Form FD 9000-24
GROUNDWATER SAMPLING LOG

SITE NAME: 0618/0 - TCGW-2D		SITE LOCATION: 06/21/10	
WELL NO:		SAMPLE ID:	
DATE: 8/6/10			

PURGING DATA

WELL DIAMETER (inches): 2"	TUBING DIAMETER (inches): 3/16"	WELL SCREEN INTERVAL DEPTH: 28 feet to 28 feet	STATIC DEPTH TO WATER (feet): 1.62	PURGE PUMP TYPE OR BAILER: BP
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY				
EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME				
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 87				
FINAL PUMP OR TUBING DEPTH IN WELL (feet): 87				
PURGING INITIATED AT: 11:30				
PURGING ENDED AT: 11:43				
TOTAL VOLUME PURGED (gallons): 2.30				

TIME	VOLUME PURGED (gallons)	CUMUL VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) μmhos/cm or μS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
11:30	1.0	1.0	0.2	1.53	6.84	27.10	65.17	8.8 (54)	8.8	Clear	none
11:35	.65	1.65	0.13	1.55	6.86	27.10	65.22	1.9 (12)	0.59	"	"
11:41	.60	2.25	0.10	1.55	6.86	27.12	65.23	1.7 (11)	0.03	"	"

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 6" = 1.02; 8" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./ft.): 1/8" = 0.0008; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: J. Jacobs S. Hodges Fine		SAMPLER(S) SIGNATURE(S): [Signature]		SAMPLING INITIATED AT: 11:45		SAMPLING ENDED AT: 12:12	
PUMP OR TUBING DEPTH IN WELL (feet): 87.0		TUBING MATERIAL CODE: T		FIELD-FILTERED: <input checked="" type="checkbox"/> N		FILTER SIZE: 45 μm	
FIELD DECONTAMINATION: PUMP Y <input checked="" type="checkbox"/> TUBING Y <input checked="" type="checkbox"/> (replaced)		DUPLICATE: <input checked="" type="checkbox"/> N					

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL. ADDED IN FIELD (mL)	FINAL pH			
	1	PE	1L	—	1L	—	Alk. Cr. Cl. A	APP	0.10
	3	PE	500 mL	—	500 mL	11/10	TD/NT/3/Bul. C	APP	0.10
	5	PE	250 mL	—	250 mL	5/1/1	met/10/10/10/10	APP	0.10
	3	PE	125 mL	—	125 mL	—	Carbon/10/10/10/10	APP	0.10
	2	PE	250 mL	—	250 mL	1/1	Stront/Tritium	APP	0.10
	1	CG	40 mL	—	40 mL	—	DIC	APP	0.10
REMARKS: 1		AG	125 mL	HCl	125 mL	1	DOC	APP	0.10

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

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

Revision Date: February 12, 2009

DEP-SOP 004/01

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

SURVEY/PROJECT: FPL - Turkey Point

SAMPLERS/ORGANIZATION: Desera Jacobs
Stephen Hodges
Steven Ellis

METER MODEL# YSI 356mcs

METER SERIAL# 100101277

Gump # 1322

Station#	Date	Time	Total		Sample		Water		DO	Cond	Salinity	pH	Turbidity	Comments
			Depth	Fi	Depth	Fi	Temp	DO						
062110-TPS2C-65	10/06/21	1451	8		1		28.18	1.45	25%	0.839		7.32	0.55	
062110-TPS2C-65	10/06/21	1520	8		4		27.71	2.02	25.8	0.842		7.27	1.25	Bar-241.6
062810-TPS2C-15	10/06/28	1108	6		5		38.89	4.03	92.6	1.05		8.22	9.19	Bar-239.1
062810-TPS2C-15	10/06/28	1214	3		2		36.89	0.62	109.9	1.544		8.24	6.42	Bar-174.5
062810-TPS2C-38	10/06/28	1340	2.5		1.5		34.88	1.01	140.8	1.026		8.19	8.57	Bar-205.6
062810-TPS2C-38	10/06/29	1151	10		9		31.65	6.46	89.1	0.317		8.09	1.08	Bar-241.7
062810-TPS2C-38	10/06/29	1235	10		1		31.97	7.10	98.9	5.287		8.14	1.15	Bar-222.9
062810-TPS2C-38	10/06/29	1328	13		12		29.00	0.86	11.5	1.524		6.86	0.06	Bar-184.8
062810-TPS2C-38	10/06/29	1400	13		1		31.60	7.91	108.6	2.944		7.88	2.03	Bar-176.4
063010-TPS2C-38	10/06/30	1420	3		2		36.68	6.31	23.4	1.691		8.25	8.46	Bar-40.2
063010-TPS2C-38	10/06/30	1519	2.5		1.5		37.87	7.14	142.7	1.806		8.24	14.14	Bar-40.2

NOTES:

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

9:40 AM

Chain of Custody Record

TestAmerica
1001 EAST 9th AVE SUITE 100 TAMPA, FL 33602

Client Information		Sample #	Lab File
Ms. Stacy Foster		U. Jacobs / J. H. Hages	Fritz, Tina
Company		Phone: 561-640-6552	E-Mail: tina.fritz@testamerica.com
Florida Power & Light Company		Carrier Tracking No(s)	
Address		650-29893.1	
700 Universe Blvd (SPA/LB)		Page 1 of 2	
City		Job #	
Juno Beach			
State, Zip			
FL, 33408			
Phone			
Email: Stacy_foster@fpl.com			
Project Name: FPL Turkey Point (SA GW w/nutrients)			
Site:			

Due Date Requested:		TAT Requested (days):	
PO #:		Purchase Order Requested	
WO #:			
Project #:		SSOW#:	
66003641			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=Water, S=Soil, O=Other)	Field Filtered Sample (Yes or No)	Perforated MS/MSB (Yes or No)	Analysis Requested	Preservation Codes:
062110 TPGW-6S	062110	0900	G	Water	X	X	365.1, Nitrogen, Total	A-HCl
" TPGW-6m	"	0915	G	Water	X	X	200.7 - Metals	B-NaOH
" TPGW-6D	"	0900	G	Water	X	X	Unionized NH3 - Ammonia, Unionized	C-Zn Acetate
" TPGW-DUP1	"	1215	G	Water	X	X	4500_P_E_Ortho - ortho-Phosphate	D-Nitric Acid
" TPGW-2D	"	1451	G	Water	X	X	361.2 - Nitrogen, Kjeldahl	E-NaHSO4
" TPGW-TPS WC-6S	"	1520	G	Water	X	X	SUBCONTRACT - Hydrogen, Oxygen / Carbon	F-MeOH
" TPGW- " -6D	"		G	Water	X	X	245.1, 6010B	G-Ambicor
TPGW-				Water			SM4500_S2_F - Sulfide	H-Ascorbic Acid
TPGW-				Water			2320B, 300.0_28D, 3500_CR_B	I-Ice
TPGW-				Water			2640C - Total Dissolved Solids	J-Di Water
TPGW-				Water			200.7_CWA - SiO2, Silica	K-EDTA
TPGW-				Water			Total Number of Containers	L-EDA
								Other:

Possible Hazard Identification		Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)	
<input type="checkbox"/> Non-Hazard	<input type="checkbox"/> Flammable	<input type="checkbox"/> Skin Irritant	<input type="checkbox"/> Return To Client
<input type="checkbox"/> Poison B	<input type="checkbox"/> Unknown	<input type="checkbox"/> Radiological	<input type="checkbox"/> Disposal By Lab
Deliverable Requested: I, II, III, IV, Other (specify)		Special Instructions/QC Requirements:	
Empty Kit Relinquished by: Steve Elliot		Method of Shipment:	
Relinquished by: Steve Elliot		Date/Time: 6/21/10 1500	
Relinquished by:		Received by:	
Date/Time:		Date/Time:	
Company:		Company:	
Custody Seal Intact: A Yes A No		Cooler Temperature(s) °C and Other Remarks:	

Login Sample Receipt Check List

Client: Florida Power & Light Company

Job Number: 660-35863-1
SDG Number: 35863

List Source: TestAmerica Tampa

Login Number: 35863

Creator: Harrison, Amanda

List Number: 1

Question	T / F / NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	3.8, 3.5, 4.2 degrees C CU07
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: 660-35863-1

SDG Number: 35863

Login Number: 35863

List Source: TestAmerica Savannah

Creator: Daughtry, Beth

List Creation: 06/23/10 12:02 PM

List Number: 1

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

Login Sample Receipt Check List

Client: Florida Power & Light Company

Job Number: 660-35863-1

SDG Number: 35863

Login Number: 35863

Creator: Snead, Joshua

List Number: 1

List Source: TestAmerica Tallahassee

List Creation: 06/22/10 03:26 PM

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	