

Morris, John R.

From: Adams, David [AdamsDS@HillsboroughCounty.ORG]
Sent: Wednesday, March 09, 2011 2:57 PM
To: Morris, John R.
Subject: February 10, 2011 data report Southeast
Attachments: J39704-1 FI_L2_SmpSort Final Report.pdf

EVENT #8

John,

Attached please find the final data report for the 2/10/2011 sampling at SCLF. Should you have any interesting comments or "replies", feel free to call me and discuss.

David S. Adams, P.G.

Environmental Manager

Landfill & Environmental Services Section

Public Utilities Department / Solid Waste Management Division

Hillsborough County BOCC

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RELAYED BY IAMP
REPORT #5 ACC'D 3/22/11

LAB DATA ONLY FOR
IAMP EVENT # 8 (SAMPLED
2/10 & 2/11/11)

ANALYTICAL REPORT

Job Number: 660-39704-1

Job Description: Southeast Landfill

For:
Hillsborough County
Solid Waste Management Department
601 East Kennedy Blvd
24th Floor County Center
Tampa, FL 33601
Attention: Mr. David S Adams



Approved for release.
Nancy Robertson
Project Manager II
2/25/2011 12:02 PM

Nancy Robertson
Project Manager II
nancy.robertson@testamericainc.com
02/25/2011

cc: Mr. Jim Clayton
Mr. Michael Townsel

Methods: FDEP, DOH Certification #: TestAmerica Tampa E84282

These test results meet all the requirements of NELAC unless specified in the case narrative. All questions regarding this test report should be directed to the TestAmerica Project Manager who signed this test report. The estimated uncertainty associated with these reported results is available upon request. The results contained in this test report relate only to these samples included herein.

TestAmerica Laboratories, Inc.

TestAmerica Tampa 6712 Benjamin Road, Suite 100, Tampa, FL 33634
Tel (813) 885-7427 Fax (813) 885-7049 www.testamericainc.com



Job Narrative
660-39704-1

Comments

No additional comments.

Receipt

All samples were received in good condition within temperature requirements.

Metals

Method 6010B: Sample TH-42 had positive results for lead. The sample had high field turbidity and sediment at the bottom of the metals bottles received in the laboratory. The sample results were comparable to the results sampled on 2.3.2011. Due to this fact, re analysis was not performed. We can conclude that the sediment attributed to the sample result.

No analytical or quality issues were noted.

General Chemistry

Method 300.0: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 106800 were outside control limits for chloride. The associated laboratory control sample (LCS) recovery met acceptance criteria. The sample is flagged with J3.

Method 300.0: The matrix spike duplicate (MSD) recovery for batch 106897 was outside control limits for chloride. The associated laboratory control sample (LCS) recovery met acceptance criteria.

Method 350.1: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 106768 were outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria. The sample is flagged with J3.

No other analytical or quality issues were noted.

EXECUTIVE SUMMARY - Detections

Client: Hillsborough County

Job Number: 660-39704-1

Lab Sample ID Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
660-39704-1 TH-30 WACS# 1065					
Field pH		4.36		SU	Field Sampling
Field Temperature		23.70		Degrees C	Field Sampling
Oxygen, Dissolved		0.21		mg/L	Field Sampling
Specific Conductance		219		umhos/cm	Field Sampling
Turbidity		4.0		NTU	Field Sampling
Chloride		61	1.0	mg/L	300.0
Ammonia as N		1.5	0.020	mg/L	350.1
Total Dissolved Solids		120	5.0	mg/L	SM 2540C
Total Recoverable					
Iron		200	200	ug/L	6010B
Sodium		20	0.50	mg/L	6010B
660-39704-2 TH-42 WACS# 823					
Field pH		7.26		SU	Field Sampling
Field Temperature		23.62		Degrees C	Field Sampling
Oxygen, Dissolved		0.84		mg/L	Field Sampling
Specific Conductance		476		umhos/cm	Field Sampling
Turbidity		95.6		NTU	Field Sampling
Chloride		18	0.50	mg/L	300.0
Ammonia as N		0.27	0.020	mg/L	350.1
Total Dissolved Solids		300	5.0	mg/L	SM 2540C
Total Recoverable					
Chromium		21	10	ug/L	6010B
Iron		2500	200	ug/L	6010B
Lead		39	10	ug/L	6010B
Sodium		15	0.50	mg/L	6010B
660-39704-3 TH-28A WACS# 19862					
Field pH		5.06		SU	Field Sampling
Field Temperature		25.85		Degrees C	Field Sampling
Oxygen, Dissolved		0.61		mg/L	Field Sampling
Specific Conductance		209		umhos/cm	Field Sampling
Turbidity		3.1		NTU	Field Sampling
Chloride		45	0.50	mg/L	300.0
Ammonia as N		1.3	0.020	mg/L	350.1
Total Dissolved Solids		110	5.0	mg/L	SM 2540C
Total Recoverable					
Iron		2400	200	ug/L	6010B
Sodium		18	0.50	mg/L	6010B

TestAmerica Tampa

EXECUTIVE SUMMARY - Detections

Client: Hillsborough County

Job Number: 660-39704-1

Lab Sample ID Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
660-39704-4	TH-57 WACS# 1570				
Field pH		5.02		SU	Field Sampling
Field Temperature		26.02		Degrees C	Field Sampling
Oxygen, Dissolved		0.42		mg/L	Field Sampling
Specific Conductance		160		umhos/cm	Field Sampling
Turbidity		2.1		NTU	Field Sampling
Chloride		40	0.50	mg/L	300.0
Ammonia as N		1.0	0.020	mg/L	350.1
Total Dissolved Solids		82	5.0	mg/L	SM 2540C
Total Recoverable					
Iron		430	200	ug/L	6010B
Sodium		11	0.50	mg/L	6010B
660-39704-5	TH-40 WACS# 822				
Field pH		7.68		SU	Field Sampling
Field Temperature		23.38		Degrees C	Field Sampling
Oxygen, Dissolved		0.48		mg/L	Field Sampling
Specific Conductance		346		umhos/cm	Field Sampling
Turbidity		0.6		NTU	Field Sampling
Chloride		8.7	0.50	mg/L	300.0
Ammonia as N		0.31	0.020	mg/L	350.1
Total Dissolved Solids		210	5.0	mg/L	SM 2540C
Total Recoverable					
Lead		3.7	10	ug/L	6010B
Sodium		16	0.50	mg/L	6010B
660-39704-6	TH-19 WACS# 821				
Field pH		7.56		SU	Field Sampling
Field Temperature		23.33		Degrees C	Field Sampling
Oxygen, Dissolved		0.80		mg/L	Field Sampling
Specific Conductance		381		umhos/cm	Field Sampling
Turbidity		0.7		NTU	Field Sampling
Chloride		8.9	0.50	mg/L	300.0
Ammonia as N		0.29	0.020	mg/L	350.1
Total Dissolved Solids		240	5.0	mg/L	SM 2540C
Total Recoverable					
Lead		3.9	10	ug/L	6010B
Sodium		14	0.50	mg/L	6010B

EXECUTIVE SUMMARY - Detections

Client: Hillsborough County

Job Number: 660-39704-1

Lab Sample ID Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
660-39718-1	SUP 1 WACS# 27755				
Field pH		7.66		SU	Field Sampling
Field Temperature		24.33		Degrees C	Field Sampling
Oxygen, Dissolved		0.31		mg/L	Field Sampling
Specific Conductance		322		umhos/cm	Field Sampling
Turbidity		0.2		NTU	Field Sampling
Chloride		9.9	0.50	mg/L	300.0
Ammonia as N		0.11	0.020	mg/L	350.1
Total Dissolved Solids		210	5.0	mg/L	SM 2540C
Total Recoverable					
Lead		4.6	10	ug/L	6010B
Sodium		8.6	0.50	mg/L	6010B
660-39718-2	TH-72 WACS# 27753				
Field pH		7.34		SU	Field Sampling
Field Temperature		22.65		Degrees C	Field Sampling
Oxygen, Dissolved		1.58		mg/L	Field Sampling
Specific Conductance		514		umhos/cm	Field Sampling
Turbidity		3.2		NTU	Field Sampling
Chloride		31	0.50	mg/L	300.0
Ammonia as N		0.28	0.020	mg/L	350.1
Total Dissolved Solids		340	5.0	mg/L	SM 2540C
Total Recoverable					
Iron		540	200	ug/L	6010B
Lead		3.6	10	ug/L	6010B
Sodium		31	0.50	mg/L	6010B
660-39718-3	SUP 2 WACS# 27756				
Field pH		7.76		SU	Field Sampling
Field Temperature		24.27		Degrees C	Field Sampling
Oxygen, Dissolved		0.98		mg/L	Field Sampling
Specific Conductance		328		umhos/cm	Field Sampling
Turbidity		0.1		NTU	Field Sampling
Chloride		11	0.50	mg/L	300.0
Ammonia as N		0.11	0.020	mg/L	350.1
Total Dissolved Solids		210	5.0	mg/L	SM 2540C
Total Recoverable					
Lead		2.5	10	ug/L	6010B
Sodium		8.7	0.50	mg/L	6010B

EXECUTIVE SUMMARY - Detections

Client: Hillsborough County

Job Number: 660-39704-1

Lab Sample ID Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
660-39718-4	TH-58 WACS# 1571				
Field pH		5.74		SU	Field Sampling
Field Temperature		25.58		Degrees C	Field Sampling
Oxygen, Dissolved		0.56		mg/L	Field Sampling
Specific Conductance		578		umhos/cm	Field Sampling
Turbidity		1.3		NTU	Field Sampling
Chloride		76	2.5	mg/L	300.0
Ammonia as N		0.92	0.020	mg/L	350.1
Total Dissolved Solids		350	5.0	mg/L	SM 2540C
Total Recoverable					
Arsenic		26	10	ug/L	6010B
Iron		4900	200	ug/L	6010B
Sodium		20	0.50	mg/L	6010B
660-39718-5	TH-73 WACS# 27754				
Field pH		5.62		SU	Field Sampling
Field Temperature		25.86		Degrees C	Field Sampling
Oxygen, Dissolved		1.44		mg/L	Field Sampling
Specific Conductance		336		umhos/cm	Field Sampling
Turbidity		12.0		NTU	Field Sampling
Chloride		56	1.0	mg/L	300.0
Ammonia as N		2.0	0.020	mg/L	350.1
Total Dissolved Solids		160	5.0	mg/L	SM 2540C
Total Recoverable					
Chromium		3.3	10	ug/L	6010B
Iron		26000	200	ug/L	6010B
Lead		3.8	10	ug/L	6010B
Sodium		27	0.50	mg/L	6010B
660-39718-6FD	DUPLICATE				
Chloride		9.9	0.50	mg/L	300.0
Ammonia as N		0.14	0.020	mg/L	350.1
Total Dissolved Solids		220	5.0	mg/L	SM 2540C
Total Recoverable					
Lead		2.5	10	ug/L	6010B
Sodium		8.7	0.50	mg/L	6010B

METHOD SUMMARY

Client: Hillsborough County

Job Number: 660-39704-1

Description	Lab Location	Method	Preparation Method
Matrix Water			
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, Ammonia	TAL TAM	MCAWW 350.1	
Solids, Total Dissolved (TDS)	TAL TAM	SM SM 2540C	
Field Sampling	TAL TAM	EPA Field Sampling	

Lab References:

TAL TAM = TestAmerica Tampa

Method References:

EPA = US Environmental Protection Agency

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: Hillsborough County

Job Number: 660-39704-1

Method	Analyst	Analyst ID
SW846 6010B	Ramos, Salvador	SR
EPA Field Sampling	Sampler, Field	FS
MCAWW 300.0	Steward, Tiffany	TS
MCAWW 350.1	Office, Trey	TO
SM SM 2540C	Oonnoony, Thomas	TO

SAMPLE SUMMARY

Client: Hillsborough County

Job Number: 660-39704-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
660-39704-1	TH-30 WACS# 1065	Water	02/10/2011 1325	02/10/2011 1510
660-39704-2	TH-42 WACS# 823	Water	02/10/2011 1241	02/10/2011 1510
660-39704-3	TH-28A WACS# 19862	Water	02/10/2011 1203	02/10/2011 1510
660-39704-4	TH-57 WACS# 1570	Water	02/10/2011 1141	02/10/2011 1510
660-39704-5	TH-40 WACS# 822	Water	02/10/2011 1119	02/10/2011 1510
660-39704-6	TH-19 WACS# 821	Water	02/10/2011 1042	02/10/2011 1510
660-39718-1	SUP 1 WACS# 27755	Water	02/11/2011 1219	02/11/2011 1400
660-39718-2	TH-72 WACS# 27753	Water	02/11/2011 1140	02/11/2011 1400
660-39718-3	SUP 2 WACS# 27756	Water	02/11/2011 1251	02/11/2011 1400
660-39718-4	TH-58 WACS# 1571	Water	02/11/2011 1119	02/11/2011 1400
660-39718-5	TH-73 WACS# 27754	Water	02/11/2011 1051	02/11/2011 1400
660-39718-6FD	Duplicate	Water	02/11/2011 0000	02/11/2011 1400
660-39718-7EB	Blank, Equipment	Water	02/11/2011 1010	02/11/2011 1400

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Solid Waste Management Department
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Job Number: 660-39704-1

Client Sample ID: TH-30 WACS# 1065
Lab Sample ID: 660-39704-1

Date Sampled: 02/10/2011 1325
Date Received: 02/10/2011 1510
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Method: Total Recoverable-6010B			Date Analyzed: 02/17/2011 1130			
Prep Method: 3005A			Date Prepared: 02/16/2011 1355			
Arsenic	4.0	U	ug/L	4.0	10	1.0
Cadmium	1.0	U	ug/L	1.0	4.0	1.0
Chromium	2.0	U	ug/L	2.0	10	1.0
Iron	200		ug/L	50	200	1.0
Lead	2.0	U	ug/L	2.0	10	1.0
Sodium	20		mg/L	0.31	0.50	1.0
Method: 300.0			Date Analyzed: 02/22/2011 2137			
Chloride	61		mg/L	0.40	1.0	2.0
Method: 350.1			Date Analyzed: 02/22/2011 1206			
Ammonia as N	1.5		mg/L	0.010	0.020	1.0

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Job Number: 660-39704-1

Client Sample ID: TH-30 WACS# 1065
Lab Sample ID: 660-39704-1

Date Sampled: 02/10/2011 1325
Date Received: 02/10/2011 1510
Client Matrix: Water

Analyte	Result/Qualifier	Unit	NONE	NONE	Dilution
Method: Field Sampling		Date Analyzed: 02/10/2011 1325			
Field pH	4.36	SU			1.0
Field Temperature	23.70	Degrees C			1.0
Oxygen, Dissolved	0.21	mg/L			1.0
Specific Conductance	219	umhos/cm			1.0
Turbidity	4.0	NTU			1.0

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Job Number: 660-39704-1

Client Sample ID: TH-30 WACS# 1065
Lab Sample ID: 660-39704-1

Date Sampled: 02/10/2011 1325
Date Received: 02/10/2011 1510
Client Matrix: Water

Analyte	Result/Qualifier	Unit	PQL	PQL	Dilution
Method: SM 2540C					
Total Dissolved Solids	120	mg/L	5.0	5.0	1.0

Date Analyzed: 02/16/2011 1008

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Job Number: 660-39704-1

Client Sample ID: TH-42 WACS# 823
Lab Sample ID: 660-39704-2

Date Sampled: 02/10/2011 1241
Date Received: 02/10/2011 1510
Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
Method: Total Recoverable-6010B			Date Analyzed: 02/17/2011 1142		
Prep Method: 3005A			Date Prepared: 02/16/2011 1355		
Arsenic	4.0 U	ug/L	4.0	10	1.0
Cadmium	1.0 U	ug/L	1.0	4.0	1.0
Chromium	21	ug/L	2.0	10	1.0
Iron	2500	ug/L	50	200	1.0
Lead	39	ug/L	2.0	10	1.0
Sodium	15	mg/L	0.31	0.50	1.0
Method: 300.0			Date Analyzed: 02/22/2011 1524		
Chloride	18	mg/L	0.20	0.50	1.0
Method: 350.1			Date Analyzed: 02/22/2011 1210		
Ammonia as N	0.27	mg/L	0.010	0.020	1.0

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Job Number: 660-39704-1

Client Sample ID: TH-42 WACS# 823
Lab Sample ID: 660-39704-2

Date Sampled: 02/10/2011 1241
Date Received: 02/10/2011 1510
Client Matrix: Water

Analyte	Result/Qualifier	Unit	NONE	NONE	Dilution
Method: Field Sampling		Date Analyzed:	02/10/2011 1241		
Field pH	7.26	SU			1.0
Field Temperature	23.62	Degrees C			1.0
Oxygen, Dissolved	0.84	mg/L			1.0
Specific Conductance	476	umhos/cm			1.0
Turbidity	95.6	NTU			1.0

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Job Number: 660-39704-1

Client Sample ID: TH-42 WACS# 823
Lab Sample ID: 660-39704-2

Date Sampled: 02/10/2011 1241
Date Received: 02/10/2011 1510
Client Matrix: Water

Analyte	Result/Qualifier	Unit	PQL	PQL	Dilution
Method: SM 2540C			Date Analyzed: 02/16/2011 1008		
Total Dissolved Solids	300	mg/L	5.0	5.0	1.0

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Job Number: 660-39704-1

Client Sample ID: TH-28A WACS# 19862
Lab Sample ID: 660-39704-3

Date Sampled: 02/10/2011 1203
Date Received: 02/10/2011 1510
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Method: Total Recoverable-6010B			Date Analyzed: 02/17/2011 1146			
Prep Method: 3005A			Date Prepared: 02/16/2011 1355			
Arsenic	4.0	U	ug/L	4.0	10	1.0
Cadmium	1.0	U	ug/L	1.0	4.0	1.0
Chromium	2.0	U	ug/L	2.0	10	1.0
Iron	2400		ug/L	50	200	1.0
Lead	2.0	U	ug/L	2.0	10	1.0
Sodium	18		mg/L	0.31	0.50	1.0
Method: 300.0			Date Analyzed: 02/22/2011 1551			
Chloride	45		mg/L	0.20	0.50	1.0
Method: 350.1			Date Analyzed: 02/22/2011 1211			
Ammonia as N	1.3		mg/L	0.010	0.020	1.0

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Job Number: 660-39704-1

Client Sample ID: TH-28A WACS# 19862
Lab Sample ID: 660-39704-3

Date Sampled: 02/10/2011 1203
Date Received: 02/10/2011 1510
Client Matrix: Water

Analyte	Result/Qualifier	Unit	NONE	NONE	Dilution
Method: Field Sampling		Date Analyzed: 02/10/2011 1203			
Field pH	5.06	SU			1.0
Field Temperature	25.85	Degrees C			1.0
Oxygen, Dissolved	0.61	mg/L			1.0
Specific Conductance	209	umhos/cm			1.0
Turbidity	3.1	NTU			1.0

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Job Number: 660-39704-1

Client Sample ID: TH-28A WACS# 19862
Lab Sample ID: 660-39704-3

Date Sampled: 02/10/2011 1203
Date Received: 02/10/2011 1510
Client Matrix: Water

Analyte	Result/Qualifier	Unit	PQL	PQL	Dilution
Method: SM 2540C					
Total Dissolved Solids	110	mg/L	5.0	5.0	1.0

Date Analyzed: 02/16/2011 1009

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Job Number: 660-39704-1

Client Sample ID: TH-57 WACS# 1570
Lab Sample ID: 660-39704-4

Date Sampled: 02/10/2011 1141
Date Received: 02/10/2011 1510
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Method: Total Recoverable-6010B			Date Analyzed:	02/17/2011 1149		
Prep Method: 3005A			Date Prepared:	02/16/2011 1355		
Arsenic	4.0	U	ug/L	4.0	10	1.0
Cadmium	1.0	U	ug/L	1.0	4.0	1.0
Chromium	2.0	U	ug/L	2.0	10	1.0
Iron	430		ug/L	50	200	1.0
Lead	2.0	U	ug/L	2.0	10	1.0
Sodium	11		mg/L	0.31	0.50	1.0
Method: 300.0			Date Analyzed:	02/22/2011 1617		
Chloride	40		mg/L	0.20	0.50	1.0
Method: 350.1			Date Analyzed:	02/22/2011 1212		
Ammonia as N	1.0		mg/L	0.010	0.020	1.0

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Job Number: 660-39704-1

Client Sample ID: TH-57 WACS# 1570
Lab Sample ID: 660-39704-4

Date Sampled: 02/10/2011 1141
Date Received: 02/10/2011 1510
Client Matrix: Water

Analyte	Result/Qualifier	Unit	NONE	NONE	Dilution
Method: Field Sampling		Date Analyzed: 02/10/2011 1141			
Field pH	5.02	SU			1.0
Field Temperature	26.02	Degrees C			1.0
Oxygen, Dissolved	0.42	mg/L			1.0
Specific Conductance	160	umhos/cm			1.0
Turbidity	2.1	NTU			1.0

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Job Number: 660-39704-1

Client Sample ID: TH-57 WACS# 1570
Lab Sample ID: 660-39704-4

Date Sampled: 02/10/2011 1141
Date Received: 02/10/2011 1510
Client Matrix: Water

Analyte	Result/Qualifier	Unit	PQL	PQL	Dilution
Method: SM 2540C			Date Analyzed: 02/16/2011 1010		
Total Dissolved Solids	82	mg/L	5.0	5.0	1.0

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Job Number: 660-39704-1

Client Sample ID: TH-40 WACS# 822
Lab Sample ID: 660-39704-5

Date Sampled: 02/10/2011 1119
Date Received: 02/10/2011 1510
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Method: Total Recoverable-6010B			Date Analyzed:	02/17/2011 1159		
Prep Method: 3005A			Date Prepared:	02/16/2011 1355		
Arsenic	4.0	U	ug/L	4.0	10	1.0
Cadmium	1.0	U	ug/L	1.0	4.0	1.0
Chromium	2.0	U	ug/L	2.0	10	1.0
Iron	50	U	ug/L	50	200	1.0
Lead	3.7	I	ug/L	2.0	10	1.0
Sodium	16		mg/L	0.31	0.50	1.0
Method: 300.0			Date Analyzed:	02/22/2011 1644		
Chloride	8.7		mg/L	0.20	0.50	1.0
Method: 350.1			Date Analyzed:	02/22/2011 1213		
Ammonia as N	0.31		mg/L	0.010	0.020	1.0

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Job Number: 660-39704-1

Client Sample ID: TH-40 WACS# 822
Lab Sample ID: 660-39704-5

Date Sampled: 02/10/2011 1119
Date Received: 02/10/2011 1510
Client Matrix: Water

Analyte	Result/Qualifier	Unit	NONE	NONE	Dilution
Method: Field Sampling		Date Analyzed: 02/10/2011 1119			
Field pH	7.68	SU			1.0
Field Temperature	23.38	Degrees C			1.0
Oxygen, Dissolved	0.48	mg/L			1.0
Specific Conductance	346	umhos/cm			1.0
Turbidity	0.6	NTU			1.0

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Job Number: 660-39704-1

Client Sample ID: TH-40 WACS# 822
Lab Sample ID: 660-39704-5

Date Sampled: 02/10/2011 1119
Date Received: 02/10/2011 1510
Client Matrix: Water

Analyte	Result/Qualifier	Unit	PQL	PQL	Dilution
Method: SM 2540C					
Total Dissolved Solids	210	mg/L	5.0	5.0	1.0

Date Analyzed: 02/16/2011 1010

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Job Number: 660-39704-1

Client Sample ID: TH-19 WACS# 821
Lab Sample ID: 660-39704-6

Date Sampled: 02/10/2011 1042
Date Received: 02/10/2011 1510
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Method: Total Recoverable-6010B			Date Analyzed:	02/17/2011	1202	
Prep Method: 3005A			Date Prepared:	02/16/2011	1355	
Arsenic	4.0	U	ug/L	4.0	10	1.0
Cadmium	1.0	U	ug/L	1.0	4.0	1.0
Chromium	2.0	U	ug/L	2.0	10	1.0
Iron	50	U	ug/L	50	200	1.0
Lead	3.9	I	ug/L	2.0	10	1.0
Sodium	14		mg/L	0.31	0.50	1.0
Method: 300.0			Date Analyzed:	02/22/2011	1857	
Chloride	8.9	J3	mg/L	0.20	0.50	1.0
Method: 350.1			Date Analyzed:	02/22/2011	1214	
Ammonia as N	0.29		mg/L	0.010	0.020	1.0

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Job Number: 660-39704-1

Client Sample ID: TH-19 WACS# 821
Lab Sample ID: 660-39704-6

Date Sampled: 02/10/2011 1042
Date Received: 02/10/2011 1510
Client Matrix: Water

Analyte	Result/Qualifier	Unit	NONE	NONE	Dilution
Method: Field Sampling		Date Analyzed:	02/10/2011 1042		
Field pH	7.56	SU			1.0
Field Temperature	23.33	Degrees C			1.0
Oxygen, Dissolved	0.80	mg/L			1.0
Specific Conductance	381	umhos/cm			1.0
Turbidity	0.7	NTU			1.0

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Job Number: 660-39704-1

Client Sample ID: TH-19 WACS# 821
Lab Sample ID: 660-39704-6

Date Sampled: 02/10/2011 1042
Date Received: 02/10/2011 1510
Client Matrix: Water

Analyte	Result/Qualifier	Unit	PQL	PQL	Dilution
Method: SM 2540C			Date Analyzed:	02/16/2011 1010	
Total Dissolved Solids	240	mg/L	5.0	5.0	1.0

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Job Number: 660-39704-1

Client Sample ID: SUP 1 WACS# 27755
Lab Sample ID: 660-39718-1

Date Sampled: 02/11/2011 1219
Date Received: 02/11/2011 1400
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Method: Total Recoverable-6010B			Date Analyzed: 02/17/2011 1209			
Prep Method: 3005A			Date Prepared: 02/16/2011 1355			
Arsenic	4.0	U	ug/L	4.0	10	1.0
Cadmium	1.0	U	ug/L	1.0	4.0	1.0
Chromium	2.0	U	ug/L	2.0	10	1.0
Iron	50	U	ug/L	50	200	1.0
Lead	4.6	I	ug/L	2.0	10	1.0
Sodium	8.6		mg/L	0.31	0.50	1.0
Method: 300.0			Date Analyzed: 02/23/2011 1015			
Chloride	9.9		mg/L	0.20	0.50	1.0
Method: 350.1			Date Analyzed: 02/22/2011 1233			
Ammonia as N	0.11		mg/L	0.010	0.020	1.0

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Job Number: 660-39704-1

Client Sample ID: SUP 1 WACS# 27755
Lab Sample ID: 660-39718-1

Date Sampled: 02/11/2011 1219
Date Received: 02/11/2011 1400
Client Matrix: Water

Analyte	Result/Qualifier	Unit	NONE	NONE	Dilution
Date Analyzed: 02/11/2011 1219					
Method: Field Sampling					
Field pH	7.66	SU			1.0
Field Temperature	24.33	Degrees C			1.0
Oxygen, Dissolved	0.31	mg/L			1.0
Specific Conductance	322	umhos/cm			1.0
Turbidity	0.2	NTU			1.0

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Job Number: 660-39704-1

Client Sample ID: SUP 1 WACS# 27755
Lab Sample ID: 660-39718-1

Date Sampled: 02/11/2011 1219
Date Received: 02/11/2011 1400
Client Matrix: Water

Analyte	Result/Qualifier	Unit	PQL	PQL	Dilution
Method: SM 2540C					
Total Dissolved Solids	210	mg/L	5.0	5.0	1.0

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Job Number: 660-39704-1

Client Sample ID: TH-72 WACS# 27753
Lab Sample ID: 660-39718-2

Date Sampled: 02/11/2011 1140
Date Received: 02/11/2011 1400
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Method: Total Recoverable-6010B			Date Analyzed:	02/17/2011 1212		
Prep Method: 3005A			Date Prepared:	02/16/2011 1355		
Arsenic	4.0	U	ug/L	4.0	10	1.0
Cadmium	1.0	U	ug/L	1.0	4.0	1.0
Chromium	2.0	U	ug/L	2.0	10	1.0
Iron	540		ug/L	50	200	1.0
Lead	3.6	I	ug/L	2.0	10	1.0
Sodium	31		mg/L	0.31	0.50	1.0
Method: 300.0			Date Analyzed:	02/23/2011 1026		
Chloride	31		mg/L	0.20	0.50	1.0
Method: 350.1			Date Analyzed:	02/22/2011 1234		
Ammonia as N	0.28		mg/L	0.010	0.020	1.0

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Job Number: 660-39704-1

Client Sample ID: TH-72 WACS# 27753
Lab Sample ID: 660-39718-2

Date Sampled: 02/11/2011 1140
Date Received: 02/11/2011 1400
Client Matrix: Water

Analyte	Result/Qualifier	Unit	NONE	NONE	Dilution
Method: Field Sampling		Date Analyzed: 02/11/2011 1140			
Field pH	7.34	SU			1.0
Field Temperature	22.65	Degrees C			1.0
Oxygen, Dissolved	1.58	mg/L			1.0
Specific Conductance	514	umhos/cm			1.0
Turbidity	3.2	NTU			1.0

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Job Number: 660-39704-1

Client Sample ID: TH-72 WACS# 27753
Lab Sample ID: 660-39718-2

Date Sampled: 02/11/2011 1140
Date Received: 02/11/2011 1400
Client Matrix: Water

Analyte	Result/Qualifier	Unit	PQL	PQL	Dilution
Method: SM 2540C			Date Analyzed: 02/17/2011 1122		
Total Dissolved Solids	340	mg/L	5.0	5.0	1.0

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Job Number: 660-39704-1

Client Sample ID: SUP 2 WACS# 27756
Lab Sample ID: 660-39718-3

Date Sampled: 02/11/2011 1251
Date Received: 02/11/2011 1400
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Method: Total Recoverable-6010B			Date Analyzed: 02/17/2011 1216			
Prep Method: 3005A			Date Prepared: 02/16/2011 1355			
Arsenic	4.0	U	ug/L	4.0	10	1.0
Cadmium	1.0	U	ug/L	1.0	4.0	1.0
Chromium	2.0	U	ug/L	2.0	10	1.0
Iron	50	U	ug/L	50	200	1.0
Lead	2.5	I	ug/L	2.0	10	1.0
Sodium	8.7		mg/L	0.31	0.50	1.0
Method: 300.0			Date Analyzed: 02/23/2011 1038			
Chloride	11		mg/L	0.20	0.50	1.0
Method: 350.1			Date Analyzed: 02/22/2011 1236			
Ammonia as N	0.11		mg/L	0.010	0.020	1.0

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Job Number: 660-39704-1

Client Sample ID: SUP 2 WACS# 27756
Lab Sample ID: 660-39718-3

Date Sampled: 02/11/2011 1251
Date Received: 02/11/2011 1400
Client Matrix: Water

Analyte	Result/Qualifier	Unit	NONE	NONE	Dilution
Method: Field Sampling		Date Analyzed: 02/11/2011 1251			
Field pH	7.76	SU			1.0
Field Temperature	24.27	Degrees C			1.0
Oxygen, Dissolved	0.98	mg/L			1.0
Specific Conductance	328	umhos/cm			1.0
Turbidity	0.1	NTU			1.0

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Job Number: 660-39704-1

Client Sample ID: SUP 2 WACS# 27756
Lab Sample ID: 660-39718-3

Date Sampled: 02/11/2011 1251
Date Received: 02/11/2011 1400
Client Matrix: Water

Analyte	Result/Qualifier	Unit	PQL	PQL	Dilution
Method: SM 2540C					
Total Dissolved Solids	210	mg/L	5.0	5.0	1.0

Date Analyzed: 02/17/2011 1122

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Job Number: 660-39704-1

Client Sample ID: TH-58 WACS# 1571
Lab Sample ID: 660-39718-4

Date Sampled: 02/11/2011 1119
Date Received: 02/11/2011 1400
Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
Method: Total Recoverable-6010B			Date Analyzed: 02/17/2011 1219		
Prep Method: 3005A			Date Prepared: 02/16/2011 1355		
Arsenic	26	ug/L	4.0	10	1.0
Cadmium	1.0 U	ug/L	1.0	4.0	1.0
Chromium	2.0 U	ug/L	2.0	10	1.0
Iron	4900	ug/L	50	200	1.0
Lead	2.0 U	ug/L	2.0	10	1.0
Sodium	20	mg/L	0.31	0.50	1.0
Method: 300.0			Date Analyzed: 02/23/2011 1439		
Chloride	76	mg/L	1.0	2.5	5.0
Method: 350.1			Date Analyzed: 02/22/2011 1248		
Ammonia as N	0.92 J3	mg/L	0.010	0.020	1.0

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Job Number: 660-39704-1

Client Sample ID: TH-58 WACS# 1571
Lab Sample ID: 660-39718-4

Date Sampled: 02/11/2011 1119
Date Received: 02/11/2011 1400
Client Matrix: Water

Analyte	Result/Qualifier	Unit	NONE	NONE	Dilution
Method: Field Sampling		Date Analyzed:	02/11/2011 1119		
Field pH	5.74	SU			1.0
Field Temperature	25.58	Degrees C			1.0
Oxygen, Dissolved	0.56	mg/L			1.0
Specific Conductance	578	umhos/cm			1.0
Turbidity	1.3	NTU			1.0

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Job Number: 660-39704-1

Client Sample ID: TH-58 WACS# 1571
Lab Sample ID: 660-39718-4

Date Sampled: 02/11/2011 1119
Date Received: 02/11/2011 1400
Client Matrix: Water

Analyte	Result/Qualifier	Unit	PQL	PQL	Dilution
Method: SM 2540C			Date Analyzed: 02/17/2011 1123		
Total Dissolved Solids	350	mg/L	5.0	5.0	1.0

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Job Number: 660-39704-1

Client Sample ID: TH-73 WACS# 27754
Lab Sample ID: 660-39718-5

Date Sampled: 02/11/2011 1051
Date Received: 02/11/2011 1400
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Method: Total Recoverable-6010B			Date Analyzed:		02/17/2011	1222
Prep Method: 3005A			Date Prepared:		02/16/2011	1355
Arsenic	4.0	U	ug/L	4.0	10	1.0
Cadmium	1.0	U	ug/L	1.0	4.0	1.0
Chromium	3.3	I	ug/L	2.0	10	1.0
Iron	26000		ug/L	50	200	1.0
Lead	3.8	I	ug/L	2.0	10	1.0
Sodium	27		mg/L	0.31	0.50	1.0
Method: 300.0			Date Analyzed:		02/24/2011	0924
Chloride	56		mg/L	0.40	1.0	2.0
Method: 350.1			Date Analyzed:		02/22/2011	1251
Ammonia as N	2.0		mg/L	0.010	0.020	1.0

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Job Number: 660-39704-1

Client Sample ID: TH-73 WACS# 27754
Lab Sample ID: 660-39718-5

Date Sampled: 02/11/2011 1051
Date Received: 02/11/2011 1400
Client Matrix: Water

Analyte	Result/Qualifier	Unit	NONE	NONE	Dilution
Method: Field Sampling		Date Analyzed: 02/11/2011 1051			
Field pH	5.62	SU			1.0
Field Temperature	25.86	Degrees C			1.0
Oxygen, Dissolved	1.44	mg/L			1.0
Specific Conductance	336	umhos/cm			1.0
Turbidity	12.0	NTU			1.0

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Job Number: 660-39704-1

Client Sample ID: TH-73 WACS# 27754
Lab Sample ID: 660-39718-5

Date Sampled: 02/11/2011 1051
Date Received: 02/11/2011 1400
Client Matrix: Water

Analyte	Result/Qualifier	Unit	PQL	PQL	Dilution
Method: SM 2540C					
Total Dissolved Solids	160	mg/L	5.0	5.0	1.0

Date Analyzed: 02/17/2011 1123

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Job Number: 660-39704-1

Client Sample ID: Duplicate
Lab Sample ID: 660-39718-6

Date Sampled: 02/11/2011 0000
Date Received: 02/11/2011 1400
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Method: Total Recoverable-6010B			Date Analyzed: 02/17/2011 1226			
Prep Method: 3005A			Date Prepared: 02/16/2011 1355			
Arsenic	4.0	U	ug/L	4.0	10	1.0
Cadmium	1.0	U	ug/L	1.0	4.0	1.0
Chromium	2.0	U	ug/L	2.0	10	1.0
Iron	50	U	ug/L	50	200	1.0
Lead	2.5	I	ug/L	2.0	10	1.0
Sodium	8.7		mg/L	0.31	0.50	1.0
Method: 300.0			Date Analyzed: 02/23/2011 1158			
Chloride	9.9		mg/L	0.20	0.50	1.0
Method: 350.1			Date Analyzed: 02/22/2011 1252			
Ammonia as N	0.14		mg/L	0.010	0.020	1.0

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Job Number: 660-39704-1

Client Sample ID: Duplicate
Lab Sample ID: 660-39718-6

Date Sampled: 02/11/2011 0000
Date Received: 02/11/2011 1400
Client Matrix: Water

Analyte	Result/Qualifier	Unit	PQL	PQL	Dilution
Method: SM 2540C					
Total Dissolved Solids	220	mg/L	5.0	5.0	1.0

Date Analyzed: 02/17/2011 1124

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Job Number: 660-39704-1

Client Sample ID: Blank, Equipment
Lab Sample ID: 660-39718-7

Date Sampled: 02/11/2011 1010
Date Received: 02/11/2011 1400
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Method: Total Recoverable-6010B			Date Analyzed:	02/17/2011	1229	
Prep Method: 3005A			Date Prepared:	02/16/2011	1355	
Arsenic	4.0	U	ug/L	4.0	10	1.0
Cadmium	1.0	U	ug/L	1.0	4.0	1.0
Chromium	2.0	U	ug/L	2.0	10	1.0
Iron	50	U	ug/L	50	200	1.0
Lead	2.0	U	ug/L	2.0	10	1.0
Sodium	0.31	U	mg/L	0.31	0.50	1.0
Method: 300.0			Date Analyzed:	02/23/2011	1210	
Chloride	0.20	U	mg/L	0.20	0.50	1.0
Method: 350.1			Date Analyzed:	02/22/2011	1253	
Ammonia as N	0.010	U	mg/L	0.010	0.020	1.0

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Job Number: 660-39704-1

Client Sample ID: Blank, Equipment
Lab Sample ID: 660-39718-7

Date Sampled: 02/11/2011 1010
Date Received: 02/11/2011 1400
Client Matrix: Water

Analyte	Result/Qualifier	Unit	PQL	PQL	Dilution
Method: SM 2540C					
Total Dissolved Solids	5.0 U	mg/L	5.0	5.0	1.0

Date Analyzed: 02/17/2011 1124

DATA REPORTING QUALIFIERS

Client: Hillsborough County

Job Number: 660-39704-1

Lab Section	Qualifier	Description
Metals		
	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.

Quality Control Results

Client: Hillsborough County

Job Number: 660-39704-1

Method Blank - Batch: 660-106586

Lab Sample ID: MB 660-106586/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/17/2011 1120
Date Prepared: 02/16/2011 1355

Analysis Batch: 660-106630
Prep Batch: 660-106586
Units: mg/L

Method: 6010B Preparation: 3005A Total Recoverable

Instrument ID: ICPC
Lab File ID: 11B17C.asc
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result	Qual	MDL	PQL
Sodium	0.31	U	0.31	0.50

Method Blank - Batch: 660-106586

Lab Sample ID: MB 660-106586/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/17/2011 1120
Date Prepared: 02/16/2011 1355

Analysis Batch: 660-106630
Prep Batch: 660-106586
Units: ug/L

Method: 6010B Preparation: 3005A Total Recoverable

Instrument ID: ICPC
Lab File ID: 11B17C.asc
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result	Qual	MDL	PQL
Arsenic	4.0	U	4.0	10
Cadmium	1.0	U	1.0	4.0
Chromium	2.0	U	2.0	10
Iron	50	U	50	200
Lead	2.0	U	2.0	10

Quality Control Results

Client: Hillsborough County

Job Number: 660-39704-1

Lab Control Sample - Batch: 660-106586

Method: 6010B
Preparation: 3005A
Total Recoverable

Lab Sample ID: LCS 660-106586/2-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/17/2011 1123
Date Prepared: 02/16/2011 1355

Analysis Batch: 660-106630
Prep Batch: 660-106586
Units: mg/L

Instrument ID: ICPC
Lab File ID: 11B17C.asc
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Sodium	10.0	9.94	99	75 - 125	

Lab Control Sample - Batch: 660-106586

Method: 6010B
Preparation: 3005A
Total Recoverable

Lab Sample ID: LCS 660-106586/2-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/17/2011 1123
Date Prepared: 02/16/2011 1355

Analysis Batch: 660-106630
Prep Batch: 660-106586
Units: ug/L

Instrument ID: ICPC
Lab File ID: 11B17C.asc
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Arsenic	1000	974	97	75 - 125	
Cadmium	1000	1000	100	75 - 125	
Chromium	1000	960	96	75 - 125	
Iron	1000	985	98	75 - 125	
Lead	1000	1060	106	75 - 125	

Quality Control Results

Client: Hillsborough County

Job Number: 660-39704-1

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 660-106586**

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

MS Lab Sample ID: 660-39704-1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/17/2011 1133
Date Prepared: 02/16/2011 1355

Analysis Batch: 660-106630
Prep Batch: 660-106586

Instrument ID: ICPC
Lab File ID: 11B17C.asc
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

MSD Lab Sample ID: 660-39704-1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/17/2011 1136
Date Prepared: 02/16/2011 1355

Analysis Batch: 660-106630
Prep Batch: 660-106586

Instrument ID: ICPC
Lab File ID: 11B17C.asc
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Sodium	96	96	75 - 125	0	20		

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 660-106586**

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

MS Lab Sample ID: 660-39704-1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/17/2011 1133
Date Prepared: 02/16/2011 1355

Analysis Batch: 660-106630
Prep Batch: 660-106586

Instrument ID: ICPC
Lab File ID: 11B17C.asc
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

MSD Lab Sample ID: 660-39704-1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/17/2011 1136
Date Prepared: 02/16/2011 1355

Analysis Batch: 660-106630
Prep Batch: 660-106586

Instrument ID: ICPC
Lab File ID: 11B17C.asc
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Arsenic	96	97	75 - 125	1	20		
Cadmium	99	99	75 - 125	1	20		
Chromium	95	95	75 - 125	1	20		
Iron	98	98	75 - 125	0	20		
Lead	102	103	75 - 125	1	20		

Quality Control Results

Client: Hillsborough County

Job Number: 660-39704-1

Method Blank - Batch: 660-106800

Method: 300.0
Preparation: N/A

Lab Sample ID: MB 660-106800/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/22/2011 1151
Date Prepared: N/A

Analysis Batch: 660-106800
Prep Batch: N/A
Units: mg/L

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

Analyte	Result	Qual	MDL	PQL
Chloride	0.20	U	0.20	0.50

Lab Control Sample - Batch: 660-106800

Method: 300.0
Preparation: N/A

Lab Sample ID: LCS 660-106800/4
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/22/2011 1217
Date Prepared: N/A

Analysis Batch: 660-106800
Prep Batch: N/A
Units: mg/L

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

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Chloride	10.0	10.5	105	90 - 110	

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 660-106800

Method: 300.0
Preparation: N/A

MS Lab Sample ID: 660-39704-6
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/22/2011 1924
Date Prepared: N/A

Analysis Batch: 660-106800
Prep Batch: N/A

Instrument ID: DIONEX2
Lab File ID: 27.0000.d
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL
1 uL

MSD Lab Sample ID: 660-39704-6
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/22/2011 1951
Date Prepared: N/A

Analysis Batch: 660-106800
Prep Batch: N/A

Instrument ID: DIONEX2
Lab File ID: 28.0000.d
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL
1 uL

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Chloride	213	113	90 - 110	40	30	J3	J3

Quality Control Results

Client: Hillsborough County

Job Number: 660-39704-1

Method Blank - Batch: 660-106852

Method: 300.0
Preparation: N/A

Lab Sample ID: MB 660-106852/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/23/2011 0843
Date Prepared: N/A

Analysis Batch: 660-106852
Prep Batch: N/A
Units: mg/L

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

Analyte	Result	Qual	MDL	PQL
Chloride	0.20	U	0.20	0.50

Lab Control Sample - Batch: 660-106852

Method: 300.0
Preparation: N/A

Lab Sample ID: LCS 660-106852/4
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/23/2011 0854
Date Prepared: N/A

Analysis Batch: 660-106852
Prep Batch: N/A
Units: mg/L

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

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Chloride	10.0	10.7	107	90 - 110	

Quality Control Results

Client: Hillsborough County

Job Number: 660-39704-1

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 660-106852

Method: 300.0
Preparation: N/A

MS Lab Sample ID: 660-39718-2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/23/2011 1101
Date Prepared: N/A

Analysis Batch: 660-106852
Prep Batch: N/A

Instrument ID: DIONEX 1
Lab File ID: 22.0000.d
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL
1 uL

MSD Lab Sample ID: 660-39718-2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/23/2011 1112
Date Prepared: N/A

Analysis Batch: 660-106852
Prep Batch: N/A

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

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

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 660-106852

Method: 300.0
Preparation: N/A

MS Lab Sample ID: 660-39718-6
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/23/2011 1330
Date Prepared: N/A

Analysis Batch: 660-106852
Prep Batch: N/A

Instrument ID: DIONEX 1
Lab File ID: 35.0000.d
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL
1 uL

MSD Lab Sample ID: 660-39718-6
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/23/2011 1342
Date Prepared: N/A

Analysis Batch: 660-106852
Prep Batch: N/A

Instrument ID: DIONEX 1
Lab File ID: 36.0000.d
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL
1 uL

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Chloride	92	104	90 - 110	6	30		

Quality Control Results

Client: Hillsborough County

Job Number: 660-39704-1

Method Blank - Batch: 660-106897

Method: 300.0
Preparation: N/A

Lab Sample ID: MB 660-106897/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/24/2011 0901
Date Prepared: N/A

Analysis Batch: 660-106897
Prep Batch: N/A
Units: mg/L

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

Analyte	Result	Qual	MDL	PQL
Chloride	0.20	U	0.20	0.50

Lab Control Sample - Batch: 660-106897

Method: 300.0
Preparation: N/A

Lab Sample ID: LCS 660-106897/4
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/24/2011 0912
Date Prepared: N/A

Analysis Batch: 660-106897
Prep Batch: N/A
Units: mg/L

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

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Chloride	10.0	10.7	107	90 - 110	

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 660-106897

Method: 300.0
Preparation: N/A

MS Lab Sample ID: 660-39695-F-3 MS ^10
Client Matrix: Water
Dilution: 10
Date Analyzed: 02/24/2011 1119
Date Prepared: N/A

Analysis Batch: 660-106897
Prep Batch: N/A

Instrument ID: DIONEX 1
Lab File ID: 22.0000.d
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL
1 uL

MSD Lab Sample ID: 660-39695-F-3 MSD ^10
Client Matrix: Water
Dilution: 10
Date Analyzed: 02/24/2011 1130
Date Prepared: N/A

Analysis Batch: 660-106897
Prep Batch: N/A

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

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Chloride	95	80	90 - 110	6	30		J3

Quality Control Results

Client: Hillsborough County

Job Number: 660-39704-1

Method Blank - Batch: 660-106761

Method: 350.1
Preparation: N/A

Lab Sample ID: MB 660-106761/11
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/22/2011 1204
Date Prepared: N/A

Analysis Batch: 660-106761
Prep Batch: N/A
Units: mg/L

Instrument ID: LACHAT
Lab File ID: OM_2-22-2011_11-51-33A
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

Analyte	Result	Qual	MDL	PQL
Ammonia as N	0.010	U	0.010	0.020

Lab Control Sample - Batch: 660-106761

Method: 350.1
Preparation: N/A

Lab Sample ID: LCS 660-106761/12
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/22/2011 1205
Date Prepared: N/A

Analysis Batch: 660-106761
Prep Batch: N/A
Units: mg/L

Instrument ID: LACHAT
Lab File ID: OM_2-22-2011_11-51-33A
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Ammonia as N	0.500	0.497	99	90 - 110	

Quality Control Results

Client: Hillsborough County

Job Number: 660-39704-1

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 660-106761**

**Method: 350.1
Preparation: N/A**

MS Lab Sample ID: 660-39704-1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/22/2011 1207
Date Prepared: N/A

Analysis Batch: 660-106761
Prep Batch: N/A

Instrument ID: LACHAT
Lab File ID: OM_2-22-2011_11-51-33.
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

MSD Lab Sample ID: 660-39704-1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/22/2011 1208
Date Prepared: N/A

Analysis Batch: 660-106761
Prep Batch: N/A

Instrument ID: LACHAT
Lab File ID: OM_2-22-2011_11-51-33A
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Ammonia as N	107	104	90 - 110	1	30		

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 660-106761**

**Method: 350.1
Preparation: N/A**

MS Lab Sample ID: 660-39705-E-5 MS
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/22/2011 1224
Date Prepared: N/A

Analysis Batch: 660-106761
Prep Batch: N/A

Instrument ID: LACHAT
Lab File ID: OM_2-22-2011_11-51-33.
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

MSD Lab Sample ID: 660-39705-E-5 MSD
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/22/2011 1225
Date Prepared: N/A

Analysis Batch: 660-106761
Prep Batch: N/A

Instrument ID: LACHAT
Lab File ID: OM_2-22-2011_11-51-33A
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Ammonia as N	91	91	90 - 110	1	30		

Quality Control Results

Client: Hillsborough County

Job Number: 660-39704-1

Method Blank - Batch: 660-106768

Method: 350.1
Preparation: N/A

Lab Sample ID: MB 660-106768/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/22/2011 1245
Date Prepared: N/A

Analysis Batch: 660-106768
Prep Batch: N/A
Units: mg/L

Instrument ID: LACHAT
Lab File ID: OM_2-22-2011_12-42-25P
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

Analyte	Result	Qual	MDL	PQL
Ammonia as N	0.010	U	0.010	0.020

Lab Control Sample - Batch: 660-106768

Method: 350.1
Preparation: N/A

Lab Sample ID: LCS 660-106768/4
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/22/2011 1246
Date Prepared: N/A

Analysis Batch: 660-106768
Prep Batch: N/A
Units: mg/L

Instrument ID: LACHAT
Lab File ID: OM_2-22-2011_12-42-25P
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Ammonia as N	0.500	0.485	97	90 - 110	

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 660-106768

Method: 350.1
Preparation: N/A

MS Lab Sample ID: 660-39718-4
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/22/2011 1249
Date Prepared: N/A

Analysis Batch: 660-106768
Prep Batch: N/A

Instrument ID: LACHAT
Lab File ID: OM_2-22-2011_12-42-25
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

MSD Lab Sample ID: 660-39718-4
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/22/2011 1250
Date Prepared: N/A

Analysis Batch: 660-106768
Prep Batch: N/A

Instrument ID: LACHAT
Lab File ID: OM_2-22-2011_12-42-25P
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Ammonia as N	80	79	90 - 110	1	30	J3	J3

Quality Control Results

Client: Hillsborough County

Job Number: 660-39704-1

Method Blank - Batch: 660-106557

Method: SM 2540C

Preparation: N/A

Lab Sample ID: MB 660-106557/1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/16/2011 1004
Date Prepared: N/A

Analysis Batch: 660-106557
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: 660-106557

Method: SM 2540C

Preparation: N/A

Lab Sample ID: LCS 660-106557/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/16/2011 1005
Date Prepared: N/A

Analysis Batch: 660-106557
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	9910	99	80 - 120	

Duplicate - Batch: 660-106557

Method: SM 2540C

Preparation: N/A

Lab Sample ID: 660-39683-F-16 DU
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/16/2011 1006
Date Prepared: N/A

Analysis Batch: 660-106557
Prep Batch: N/A
Units: mg/L

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

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Total Dissolved Solids	340	332	2	20	

Quality Control Results

Client: Hillsborough County

Job Number: 660-39704-1

Method Blank - Batch: 660-106629

Method: SM 2540C

Preparation: N/A

Lab Sample ID: MB 660-106629/1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/17/2011 1117
Date Prepared: N/A

Analysis Batch: 660-106629
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: 660-106629

Method: SM 2540C

Preparation: N/A

Lab Sample ID: LCS 660-106629/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/17/2011 1118
Date Prepared: N/A

Analysis Batch: 660-106629
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	9890	99	80 - 120	

Duplicate - Batch: 660-106629

Method: SM 2540C

Preparation: N/A

Lab Sample ID: 660-39714-C-25 DU
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/17/2011 1119
Date Prepared: N/A

Analysis Batch: 660-106629
Prep Batch: N/A
Units: mg/L

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

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Total Dissolved Solids	190	188	1	20	

660-39704

HILLSBOROUGH COUNTY DEPT. OF SOLID WASTE COC SHEET
SOUTHEAST LANDFILL WELL MONITORING PROGRAM

PRECLEANED SAMPLE CONTAINERS:

DATE | TIME

RELINQUISHED BY: REP. OF CONTRACT LAB. ACCEPTED BY: REP. OF SOLID WASTE DEPT. LOCATION: TH-30 WACS #1065 SAMPLE MATRIX: WATER OTHER MATRIX: PERSONAL ENGAGED IN SAMPLE COLLECTION ☒ A. Balloon ☒ JC ☐WELL DIAMETER: 2.00 INCH:

DATE | TIME

TOTAL DEPTH OF WELL: 46.19 Ft.PURGE STARTED: 2.10.11 | 1:03DEPTH TO WATER: 24.02 Ft.PURGE RATE: 0.20 GPM.LENGTH OF WATER COL: 22.17 Ft.

DATE | TIME

VOLUME TO PURGE: 3.54 Gal.PURGE ENDED: 2.10.11 | 1:25ACT. VOL. PURGED: 44 GAL.

FIELD PARAMETERS:

Draw Down: 24.45

BY	TIME	TEMP	COND	PH	DO	TURB
AB JC	11:20	23.70	219	4.35	0.22	4.0 =
AB JC	11:22	23.70	219	4.34	0.21	3.0
AB JC	11:24	23.70	219	4.34	0.21	4.0

SAMPLE CONTAINERS

QTY	CONTAINER DESCRIPTION	QTY	CONTAINER DESCRIPTION	PRESERVED
	40 ml VIAL		40 ml VIAL	
	125 ml. PLASTIC		125 ml. PLASTIC	
1	125 ml GLASS		125 ml GLASS	
	250 ml. PLASTIC		250 ml. PLASTIC	
	250 ml. GLASS	2	250 ml. GLASS	
1	500 ml. PLASTIC		500 ml. PLASTIC	
	500 ml. GLASS		500 ml. GLASS	
	LITER PLASTIC		LITER PLASTIC	
	LITER GLASS		LITER GLASS	
	BACTERIAL		BACTERIAL	

4 TOTAL No. OF SAMPLES COLLECTED:COLLECTED
DATE | TIME2.10.11 | 1:25

ANALYSIS REQUESTED:

AMMONIA-NITROGEN CHLORIDE SODIUM TDS Iron Arsenic Cadmium Chromium LeadPRESERVED SAMPLES PH < 2.0 SAMPLE STORAGE: COOLER & ICE TO 4.0 c

ABOVE LISTED SAMPLES:

RELINQUISHED BY: REP. OF SOLID WASTE DEPT.

DATE | TIME

ACCEPTED BY: REP. OF CONTRACT LAB. 2.10.11 | 3:162.10.11 | 3:10

11.2°C W-07 (OFF)

COMMENT'S: WC TH 0034

**HILLSBOROUGH COUNTY DEPT. OF SOLID WASTE COC SHEET
SOUTHEAST LANDFILL WELL MONITORING PROGRAM**

PRECLEANED SAMPLE CONTAINERS: _____

DATE | TIME

RELINQUISHED BY: _____ REP. OF CONTRACT LAB. _____

ACCEPTED BY: _____ REP. OF SOLID WASTE DEPT. _____

LOCATION: TH-42 WACS# 823 SAMPLE MATRIX: WATER OTHER MATRIX: _____

PERSONAL ENGAGED IN SAMPLE COLLECTION ☒ A. Balloon ☒ JC ☐ _____

WELL DIAMETER: 2.0 INCH:

TOTAL DEPTH OF WELL: 164 Ft.

DEPTH TO WATER: 81.98 Ft.

LENGTH OF WATER COL: 82.02 Ft.

VOLUME TO PURGE: 13.12 Gal.

PURGE STARTED: _____

PURGE RATE: _____

PURGE ENDED: _____

ACT. VOL. PURGED: _____

DATE | TIME

2.10.11 | 12:14

0.50 GPM.

DATE | TIME

2.10.11 | 12:40

15 GAL.

FIELD PARAMETERS:

Draw Down! 100.11

BY	TIME	TEMP	COND	PH	DO	TURB
<u>AB JC</u>	<u>12:37</u>	<u>23.42</u>	<u>477</u>	<u>7.24</u>	<u>0.85</u>	<u>104.8</u>
<u>AB JC</u>	<u>12:39</u>	<u>23.42</u>	<u>476</u>	<u>7.25</u>	<u>0.83</u>	<u>108.7</u>
<u>AB JC</u>	<u>12:41</u>	<u>23.42</u>	<u>476</u>	<u>7.24</u>	<u>0.84</u>	<u>95.4</u>

SAMPLE CONTAINERS

QTY	CONTAINER DESCRIPTION	QTY	CONTAINER DESCRIPTION	PRESERVED
	40 ml VIAL		40 ml VIAL	
	125 ml. PLASTIC		125 ml. PLASTIC	
<u>1</u>	125 ml. GLASS		125 ml. GLASS	
	250 ml. PLASTIC	<u>2</u>	250 ml. PLASTIC	
	250 ml. GLASS		250 ml. GLASS	
<u>1</u>	500 ml. PLASTIC		500 ml. PLASTIC	
	500 ml. GLASS		500 ml. GLASS	
	LITER PLASTIC		LITER PLASTIC	
	LITER GLASS		LITER GLASS	
	BACTERIAL		BACTERIAL	

4 TOTAL No. OF SAMPLES COLLECTED:

COLLECTED

DATE | TIME

2.10.11 | 12:41

ANALYSIS REQUESTED:

AMMONIA-NITROGEN CHLORIDE SODIUM TDS Iron Arsenic Cadmium Chromium Lead

PRESERVED SAMPLES PH < 2.0 _____ SAMPLE STORAGE: COOLER & ICE TO 4.0 c

ABOVE LISTED SAMPLES:

RELINQUISHED BY: Di Chigto REP. OF SOLID WASTE DEPT. 2.10.11 | 3:10

ACCEPTED BY: Carol McNulty REP. OF CONTRACT LAB. 2.10.11 | 3:10

COMMENT'S: 0020034

**HILLSBOROUGH COUNTY DEPT. OF SOLID WASTE COC SHEET
SOUTHEAST LANDFILL WELL MONITORING PROGRAM**

PRECLEANED SAMPLE CONTAINERS:

DATE | TIME

RELINQUISHED BY: _____ REP. OF CONTRACT LAB. _____

ACCEPTED BY: _____ REP. OF SOLID WASTE DEPT. _____

LOCATION: **TH-28A WACS# 19862** SAMPLE MATRIX: **WATER** OTHER MATRIX: _____

PERSONAL ENGAGED IN SAMPLE COLLECTION ☒ **A. Balloon** ☒ **SC** ☐ _____

WELL DIAMETER: **2.0** INCH:

TOTAL DEPTH OF WELL: **34.30** Ft.

DEPTH TO WATER: **28.25** Ft.

LENGTH OF WATER COL: **6.05** Ft.

VOLUME TO PURGE: **0.97** Gal.

PURGE STARTED: **2.10.11 11:54**

PURGE RATE: **0.26** GPM.

PURGE ENDED: **2.10.11 12:03**

ACT. VOL. PURGED: **1.80** GAL.

FIELD PARAMETERS:

Draw Down: 28.31

BY	TIME	TEMP	COND	PH	DO	TURB
AB JC	11:59	25.81	212	5.08	0.45	3.2
AB JC	12:01	25.87	212	5.07	0.42	3.5
AB JC	12:03	25.85	209	5.06	0.41	3.1

SAMPLE CONTAINERS

QTY	CONTAINER DESCRIPTION	QTY	CONTAINER DESCRIPTION	PRESERVED
	40 ml VIAL		40 ml VIAL	
1	125 ml. PLASTIC		125 ml. PLASTIC	
	125 ml GLASS		125 ml GLASS	
	250 ml. PLASTIC	2	250 ml. PLASTIC	
	250 ml. GLASS		250 ml. GLASS	
1	500 ml. PLASTIC		500 ml. PLASTIC	
	500 ml. GLASS		500 ml. GLASS	
	LITER PLASTIC		LITER PLASTIC	
	LITER GLASS		LITER GLASS	
	BACTERIAL		BACTERIAL	

4 TOTAL No. OF SAMPLES COLLECTED:

COLLECTED

DATE | TIME

2.10.11 12:03

ANALYSIS REQUESTED:

AMMONIA-NITROGEN CHLORIDE SODIUM TDS Iron Arsenic Cadmium Chromium Lead

PRESERVED SAMPLES PH < 2.0 _____ SAMPLE STORAGE: **COOLER & ICE TO 4.0 c**

ABOVE LISTED SAMPLES:

RELINQUISHED BY: **Sin Cleya** REP. OF SOLID WASTE DEPT. **2.10.11 3:10**

ACCEPTED BY: **Carol McHulley** REP. OF CONTRACT LAB. **2.10.11 3:10**

COMMENT'S: **W0 # 0034**

**HILLSBOROUGH COUNTY DEPT. OF SOLID WASTE COC SHEET
SOUTHEAST LANDFILL WELL MONITORING PROGRAM**

PRECLEANED SAMPLE CONTAINERS: _____

DATE | TIME

RELINQUISHED BY: _____

REP. OF CONTRACT LAB. _____

ACCEPTED BY: _____

REP. OF SOLID WASTE DEPT. _____

LOCATION: **TH-57 WACS# 1570**

SAMPLE MATRIX: **WATER** OTHER MATRIX: _____

PERSONAL ENGAGED IN SAMPLE COLLECTION

☒ **A. Balloon** ☒ **Sc** ☐

WELL DIAMETER: **2.0** INCH:

TOTAL DEPTH OF WELL: **26.83** Ft.

DEPTH TO WATER: **19.90** Ft.

LENGTH OF WATER COL: **6.93** Ft.

VOLUME TO PURGE: **1.11** Gal.

PURGE STARTED: _____

PURGE RATE: _____

PURGE ENDED: _____

ACT. VOL. PURGED: _____

DATE | TIME

2.10.11 | 11:33

0.25 GPM.

DATE | TIME

2.10.11 | 11:41

2 GAL.

FIELD PARAMETERS:

Draw Down: 20.28

BY	TIME	TEMP	COND	PH	DO	TURB
AB Sc	11:37	25.98	159	5.03	0.41	2.0
AB Sc	11:39	26.02	140	5.03	0.45	2.5
AB Sc	11:41	26.02	160	5.02	0.42	2.1

SAMPLE CONTAINERS

QTY	CONTAINER DESCRIPTION	QTY	CONTAINER DESCRIPTION	PRESERVED
	40 ml VIAL		40 ml VIAL	
1	125 ml. PLASTIC		125 ml. PLASTIC	
	125 ml. GLASS		125 ml. GLASS	
	250 ml. PLASTIC	2	250 ml. PLASTIC	
	250 ml. GLASS		250 ml. GLASS	
1	500 ml. PLASTIC		500 ml. PLASTIC	
	500 ml. GLASS		500 ml. GLASS	
	LITER PLASTIC		LITER PLASTIC	
	LITER GLASS		LITER GLASS	
	BACTERIAL		BACTERIAL	

4

TOTAL No. OF SAMPLES COLLECTED:

COLLECTED

DATE | TIME

2.10.11 | 11:41

ANALYSIS REQUESTED:

AMMONIA-NITROGEN CHLORIDE SODIUM TDS Iron Arsenic Cadmium Chromium Lead

PRESERVED SAMPLES PH < 2.0 _____

SAMPLE STORAGE: **COOLER & ICE TO 4.0 c**

ABOVE LISTED SAMPLES:

RELINQUISHED BY: *Jim Clark*

REP. OF SOLID WASTE DEPT. _____

ACCEPTED BY: *Carol McNulty*

REP. OF CONTRACT LAB. _____

DATE | TIME

2.10.11 | 3:10

2.10.11 | 3:10

COMMENT'S: **W02# 0034**

**HILLSBOROUGH COUNTY DEPT. OF SOLID WASTE COC SHEET
SOUTHEAST LANDFILL WELL MONITORING PROGRAM**

PRECLEANED SAMPLE CONTAINERS:

DATE | TIME

RELINQUISHED BY: _____ REP. OF CONTRACT LAB. _____

ACCEPTED BY: _____ REP. OF SOLID WASTE DEPT. _____

LOCATION: **TH-40 WACS# 822** SAMPLE MATRIX: **WATER** OTHER MATRIX: _____

PERSONAL ENGAGED IN SAMPLE COLLECTION ☒ **A. Balloon** ☒ **JC** ☐

WELL DIAMETER: **2.0** INCH:

TOTAL DEPTH OF WELL: **165.90** Ft.

DEPTH TO WATER: **101.32** Ft.

LENGTH OF WATER COL: **64.58** Ft.

VOLUME TO PURGE: **10.23** Gal.

PURGE STARTED: **2.10.11 | 11:05**

PURGE RATE: **1.00** GPM:

PURGE ENDED: **2.10.11 | 11:19**

ACT. VOL. PURGED: **14** GAL.

FIELD PARAMETERS:

Draw Down: 101.25

BY	TIME	TEMP	COND	PH	DO	TURB
AB JC	11:15	23.37	347	7.67	0.50	0.8
AB JC	11:17	23.37	344	7.68	0.48	0.6
AB JC	11:19	23.38	344	7.68	0.48	0.6

SAMPLE CONTAINERS

QTY	CONTAINER DESCRIPTION	QTY	CONTAINER DESCRIPTION	PRESERVED
	40 ml VIAL		40 ml VIAL	
1	125 ml. PLASTIC		125 ml. PLASTIC	
	125 ml GLASS		125 ml GLASS	
	250 ml. PLASTIC	2	250 ml. PLASTIC	
	250 ml. GLASS		250 ml. GLASS	
1	500 ml. PLASTIC		500 ml. PLASTIC	
	500 ml. GLASS		500 ml. GLASS	
	LITER PLASTIC		LITER PLASTIC	
	LITER GLASS		LITER GLASS	
	BACTERIAL		BACTERIAL	

4 TOTAL No. OF SAMPLES COLLECTED:

COLLECTED

DATE | TIME

2.10.11 | 11:19

ANALYSIS REQUESTED:

AMMONIA-NITROGEN CHLORIDE SODIUM TDS Iron Arsenic Cadmium Chromium Lead

PRESERVED SAMPLES PH < 2.0 _____ SAMPLE STORAGE: **COOLER & ICE TO 4.0 c**

ABOVE LISTED SAMPLES:

RELINQUISHED BY: **Jim Clout** REP. OF SOLID WASTE DEPT. **2.10.11 3:10**

ACCEPTED BY: **Carol McKinley** REP. OF CONTRACT LAB. **2.10.11 3:10**

COMMENT'S: **WGS 6034**

**HILLSBOROUGH COUNTY DEPT. OF SOLID WASTE COC SHEET
SOUTHEAST LANDFILL WELL MONITORING PROGRAM**

PRECLEANED SAMPLE CONTAINERS: _____ DATE | TIME _____

RELINQUISHED BY: _____ REP. OF CONTRACT LAB. _____

ACCEPTED BY: _____ REP. OF SOLID WASTE DEPT. _____

LOCATION: **TH-19 WACS# 821** SAMPLE MATRIX: **WATER** OTHER MATRIX: _____

PERSONAL ENGAGED IN SAMPLE COLLECTION ☒ **A. Balloon** ☒ **JC** ☐ _____

WELL DIAMETER: 2.0 INCH:		DATE TIME
TOTAL DEPTH OF WELL: 153.60 Ft.	PURGE STARTED:	2.10.11 10:30
DEPTH TO WATER: 104.08 Ft.	PURGE RATE:	1.00 GPM.
LENGTH OF WATER COL: 49.52 Ft.		DATE TIME
VOLUME TO PURGE: 7.72 Gal.	PURGE ENDED:	2.10.11 12:42
	ACT. VOL. PURGED:	12 GAL.

FIELD PARAMETERS: **Draw Down: 104.40**

BY	TIME	TEMP	COND	PH	DO	TURB
AA JC	10:38	23.81	381	7.59	0.81	0.8
AA JC	10:40	23.83	381	7.56	0.82	0.6
AA JC	10:42	23.83	381	7.56	0.80	0.7

SAMPLE CONTAINERS

QTY	CONTAINER DESCRIPTION	QTY	CONTAINER DESCRIPTION	PRESERVED
	40 ml VIAL		40 ml VIAL	
1	125 ml. PLASTIC		125 ml. PLASTIC	
	125 ml GLASS		125 ml GLASS	
	250 ml. PLASTIC	2	250 ml. PLASTIC	
	250 ml. GLASS		250 ml. GLASS	
1	500 ml. PLASTIC		500 ml. PLASTIC	
	500 ml. GLASS		500 ml. GLASS	
	LITER PLASTIC		LITER PLASTIC	
	LITER GLASS		LITER GLASS	
	BACTERIAL		BACTERIAL	

4 TOTAL No. OF SAMPLES COLLECTED:

COLLECTED
DATE | TIME
2.10.11 | 10:42

ANALYSIS REQUESTED:

AMMONIA-NITROGEN CHLORIDE SODIUM TDS Iron Arsenic Cadmium Chromium Lead

PRESERVED SAMPLES PH < 2.0 _____ SAMPLE STORAGE: **COOLER & ICE TO 4.0 c**

ABOVE LISTED SAMPLES:		DATE TIME
RELINQUISHED BY: <i>Jim Clapham</i>	REP. OF SOLID WASTE DEPT.	2.10.11 3:10
ACCEPTED BY: <i>Carol McHulley</i>	REP. OF CONTRACT LAB.	2.10.11 3:10

COMMENT'S: _____
_____ **W011 0034** _____

660-39718

HILLSBOROUGH COUNTY DEPT. OF SOLID WASTE COC SHEET
SOUTHEAST LANDFILL WELL MONITORING PROGRAM

PRECLEANED SAMPLE CONTAINERS:

DATE | TIME

RELINQUISHED BY:

REP. OF CONTRACT LAB.

ACCEPTED BY:

REP. OF SOLID WASTE DEPT. 2-10-11 8:00LOCATION: SUP 1 WACS# 27755SAMPLE MATRIX: WATER OTHER MATRIX: _____

PERSONAL ENGAGED IN SAMPLE COLLECTION

☒ A. Balloon ☒ JC ☐WELL VOLUME TO PURGE: 15 MIN:PURGE STARTED: DATE 2-11-11 TIME 12:00ACTUAL PURGE TIME: 19 MIN:**FIELD PARAMETERS:**

BY	TIME	TEMP	COND	PH	DO	TURB
AB JC	12:15	24.31	322	7.68	0.32	0.1
AB JC	12:17	24.32	322	7.68	0.32	0.1
AB JC	12:19	24.33	322	7.66	0.31	0.2

SAMPLE CONTAINERS

QTY	CONTAINER DESCRIPTION	QTY	CONTAINER DESCRIPTION	PRESERVED
	40 ml VIAL		40 ml VIAL	
1	125 ml. PLASTIC		125 ml. PLASTIC	
	125 ml GLASS		125 ml GLASS	
	250 ml. PLASTIC	2	250 ml. PLASTIC	
	250 ml. GLASS		250 ml. GLASS	
1	500 ml. PLASTIC		500 ml. PLASTIC	
	500 ml. GLASS		500 ml. GLASS	
	LITER PLASTIC		LITER PLASTIC	
	LITER GLASS		LITER GLASS	
	BACTERIAL		BACTERIAL	

4 TOTAL No. OF SAMPLES COLLECTED:

COLLECTED

DATE | TIME

2-11-11 12:19**ANALYSIS REQUESTED:****AMMONIA-NITROGEN CHLORIDE SODIUM TDS Iron Arsenic Cadmium Chromium Lead**PRESERVED SAMPLES PH < 2.0 YESSAMPLE STORAGE: COOLER & ICE TO 4.0 c

ABOVE LISTED SAMPLES:

RELINQUISHED BY:

REP. OF SOLID WASTE DEPT. 2-11-11 2:00

ACCEPTED BY:

REP. OF CONTRACT LAB. 2-11-11 2:00

COMMENT'S:

W04 00344.2 c Cu07

**HILLSBOROUGH COUNTY DEPT. OF SOLID WASTE COC SHEET
SOUTHEAST LANDFILL WELL MONITORING PROGRAM**

PRECLEANED SAMPLE CONTAINERS:

DATE | TIME

RELINQUISHED BY: _____ REP. OF CONTRACT LAB. _____

ACCEPTED BY: Am REP. OF SOLID WASTE DEPT. 2-10-11 10:00

LOCATION: TH-72 WACS# 27753

SAMPLE MATRIX: WATER OTHER MATRIX: _____

PERSONAL ENGAGED IN SAMPLE COLLECTION ☒ A. Balloon ☒ 7C ☐ _____

WELL DIAMETER: 2 INCH:

TOTAL DEPTH OF WELL: 190.00 Ft.

DEPTH TO WATER: 109.00 Ft.

LENGTH OF WATER COL: 81.00 Ft.

VOLUME TO PURGE: 12.94 Gal.

PURGE STARTED: 2-11-11 10:20

PURGE RATE: 0.30 GPM.

PURGE ENDED: 2-11-11 11:40

ACT. VOL. PURGED: 24 GAL.

FIELD PARAMETERS:

Draw Down 108.90

BY	TIME	TEMP	COND	PH	DO	TURB
AB JC	11:36	22.67	514	7.31	1.40	3.3
AB JC	11:38	22.66	514	7.33	1.52	3.2
AB JC	11:40	22.65	514	7.34	1.58	3.2

SAMPLE CONTAINERS

QTY	CONTAINER DESCRIPTION	QTY	CONTAINER DESCRIPTION	PRESERVED
	40 ml VIAL		40 ml VIAL	
1	125 ml. PLASTIC		125 ml. PLASTIC	
	125 ml GLASS		125 ml GLASS	
	250 ml. PLASTIC	2	250 ml. PLASTIC	
	250 ml. GLASS		250 ml. GLASS	
1	500 ml. PLASTIC		500 ml. PLASTIC	
	500 ml. GLASS		500 ml. GLASS	
	LITER PLASTIC		LITER PLASTIC	
	LITER GLASS		LITER GLASS	
	BACTERIAL		BACTERIAL	

4 TOTAL No. OF SAMPLES COLLECTED:

Colors and Sheens None

COLLECTED

DATE | TIME

2-11-11 11:40

ANALYSIS REQUESTED:

AMMONIA-NITROGEN CHLORIDE SODIUM TDS Iron Arsenic Cadmium Chromium Lead

PRESERVED SAMPLES PH < 2.0 YES SAMPLE STORAGE: COOLER & ICE TO 4.0 C

ABOVE LISTED SAMPLES:

RELINQUISHED BY: Am REP. OF SOLID WASTE DEPT. 2-11-11 2100

ACCEPTED BY: Carol McHally REP. OF CONTRACT LAB. 2-11-11 2100

COMMENTS: W0400341

**HILLSBOROUGH COUNTY DEPT. OF SOLID WASTE COC SHEET
SOUTHEAST LANDFILL WELL MONITORING PROGRAM**

PRECLEANED SAMPLE CONTAINERS: _____

DATE | TIME

RELINQUISHED BY: _____

REP. OF CONTRACT LAB. _____

ACCEPTED BY: *[Signature]*

REP. OF SOLID WASTE DEPT. 2-11-11 8:00

LOCATION: SUP 2 WACS# 27756

SAMPLE MATRIX: WATER OTHER MATRIX: _____

PERSONAL ENGAGED IN SAMPLE COLLECTION

A. Balloon JC ☐

WELL VOLUME TO PURGE: 15 MIN:

PURGE STARTED: DATE 2-11-11 TIME 12:32

ACTUAL PURGE TIME: 19 MIN:

FIELD PARAMETERS:

BY	TIME	TEMP	COND	PH	DO	TURB
AB JC	12:47	24.31	329	7.77	0.98	0.2
AB JC	12:49	24.26	329	7.77	0.97	0.1
AB JC	12:51	24.27	328	7.74	0.98	0.1

SAMPLE CONTAINERS

QTY	CONTAINER DESCRIPTION	QTY	CONTAINER DESCRIPTION	PRESERVED
	40 ml VIAL		40 ml VIAL	
1	125 ml. PLASTIC		125 ml. PLASTIC	
	125 ml GLASS		125 ml GLASS	
	250 ml. PLASTIC	2	250 ml. PLASTIC	
	250 ml. GLASS		250 ml. GLASS	
1	500 ml. PLASTIC		500 ml. PLASTIC	
	500 ml. GLASS		500 ml. GLASS	
	LITER PLASTIC		LITER PLASTIC	
	LITER GLASS		LITER GLASS	
	BACTERIAL		BACTERIAL	

4 TOTAL NO. OF SAMPLES COLLECTED:

COLLECTED

DATE | TIME

2-11-11 12:51

ANALYSIS REQUESTED:

AMMONIA-NITROGEN CHLORIDE SODIUM TDS Iron Arsenic Cadmium Chromium Lead

PRESERVED SAMPLES PH < 2.0 YES SAMPLE STORAGE: COOLER & ICE TO 4.0 c

ABOVE LISTED SAMPLES:

RELINQUISHED BY: *[Signature]*

REP. OF SOLID WASTE DEPT. 2-11-11

DATE | TIME

2:00

ACCEPTED BY: *[Signature]*

REP. OF CONTRACT LAB. 2-11-11

2:00

COMMENT'S: W040034

**HILLSBOROUGH COUNTY DEPT. OF SOLID WASTE COC SHEET
SOUTHEAST LANDFILL WELL MONITORING PROGRAM**

PRECLEANED SAMPLE CONTAINERS:

DATE | TIME

RELINQUISHED BY:

REP. OF CONTRACT LAB.

ACCEPTED BY:

[Signature]

REP. OF SOLID WASTE DEPT.

2-10-11 18:00

LOCATION: **TH-58 WACS# 1571**

SAMPLE MATRIX: **WATER** OTHER MATRIX:

PERSONAL ENGAGED IN SAMPLE COLLECTION

☒ A. Balloon ☒ JC ☐

WELL DIAMETER: **2.0** INCH:

TOTAL DEPTH OF WELL: **32.92** Ft.

DEPTH TO WATER: **28.02** Ft.

LENGTH OF WATER COL: **4.90** Ft.

VOLUME TO PURGE: **0.78** Gal.

PURGE STARTED:

DATE | TIME
2-11-11 11:10

PURGE RATE:

0.2 GPM.

PURGE ENDED:

DATE | TIME
2-11-11 11:19

ACT. VOL. PURGED:

1.80 GAL.

Draw Down: 28.42

FIELD PARAMETERS:

BY	Temp TIME	Cond TEMP	pH COND	DO PH	Turb DO	Time TURB
AB JC	25.56	576	5.74	0.57	1.7	11:15
AB JC	25.59	579	5.74	0.59	1.3	11:17
AB JC	25.58	578	5.74	0.56	1.3	11:19

SAMPLE CONTAINERS

QTY	CONTAINER DESCRIPTION	QTY	CONTAINER DESCRIPTION	PRESERVED
	40 ml VIAL		40 ml VIAL	
1	125 ml. PLASTIC		125 ml. PLASTIC	
	125 ml GLASS		125 ml GLASS	
	250 ml. PLASTIC	2	250 ml. PLASTIC	
	250 ml. GLASS		250 ml. GLASS	
1	500 ml. PLASTIC		500 ml. PLASTIC	
	500 ml. GLASS		500 ml. GLASS	
	LITER PLASTIC		LITER PLASTIC	
	LITER GLASS		LITER GLASS	
	BACTERIAL		BACTERIAL	

4 TOTAL No. OF SAMPLES COLLECTED:

COLLECTED

DATE | TIME

2-11-11 11:19

ANALYSIS REQUESTED:

AMMONIA-NITROGEN CHLORIDE SODIUM TDS Iron Arsenic Cadmium Chromium Lead

PRESERVED SAMPLES PH < 2.0

YFS

SAMPLE STORAGE:

COOLER & ICE TO 4.0 c

ABOVE LISTED SAMPLES:

RELINQUISHED BY:

[Signature]

REP. OF SOLID WASTE DEPT.

DATE | TIME

2-11-11 2:00

ACCEPTED BY:

[Signature]

REP. OF CONTRACT LAB.

2-11-11 2:00

COMMENT'S:

W2#00341

**HILLSBOROUGH COUNTY DEPT. OF SOLID WASTE COC SHEET
SOUTHEAST LANDFILL WELL MONITORING PROGRAM**

PRECLEANED SAMPLE CONTAINERS:

DATE | TIME

RELINQUISHED BY: _____ REP. OF CONTRACT LAB. _____

ACCEPTED BY: ABC REP. OF SOLID WASTE DEPT. 2-10-11 8:00

LOCATION: TH-73 WACS#27754

SAMPLE MATRIX: WATER OTHER MATRIX: _____

PERSONAL ENGAGED IN SAMPLE COLLECTION ☒ A. Balloon ☒ JC ☐ _____

WELL DIAMETER: 2 INCH:

TOTAL DEPTH OF WELL: 43.40 Ft.

DEPTH TO WATER: 30.76 Ft.

LENGTH OF WATER COL: 12.64 Ft.

VOLUME TO PURGE: 2.02 Gal.

PURGE STARTED: 2-11-11 10:25

PURGE RATE: 0.20 GPM.

PURGE ENDED: 2-11-11 10:51

ACT. VOL. PURGED: 5.20 GAL.

FIELD PARAMETERS: Draw Down: 37.99

BY	TIME	TEMP	COND	PH	DO	TURB
AB JC	10:47	25.87	338	5.44	1.42	15.2
AB JC	10:49	25.88	334	5.44	1.44	12.9
AB JC	10:51	25.86	334	5.42	1.44	12.0

SAMPLE CONTAINERS

QTY	CONTAINER DESCRIPTION	QTY	CONTAINER DESCRIPTION	PRESERVED
3	40 ml VIAL		40 ml VIAL	
1	125 ml. PLASTIC		125 ml. PLASTIC	
	125 ml GLASS		125 ml GLASS	
	250 ml. PLASTIC	2	250 ml. PLASTIC	
	250 ml. GLASS		250 ml. GLASS	
1	500 ml. PLASTIC		500 ml. PLASTIC	
	500 ml. GLASS		500 ml. GLASS	
	LITER PLASTIC		LITER PLASTIC	
	LITER GLASS		LITER GLASS	
	BACTERIAL		BACTERIAL	

7 TOTAL No. OF SAMPLES COLLECTED:

Colors and Sheens None

COLLECTED

DATE | TIME

2-11-11 10:51

ANALYSIS REQUESTED:

EPA 8270

AMMONIA-NITROGEN CHLORIDE SODIUM TDS Iron Arsenic Cadmium Chromium Lead

PRESERVED SAMPLES PH < 2.0 YES SAMPLE STORAGE: COOLER & ICE TO 4.0 c

ABOVE LISTED SAMPLES:

RELINQUISHED BY: ABC REP. OF SOLID WASTE DEPT. 2-11-11 2:00

ACCEPTED BY: Carol M. Harty REP. OF CONTRACT LAB. 2-11-11 2:00

COMMENT'S: W0 #00341

HILLSBOROUGH COUNTY DEPT. OF SOLID WASTE COC SHEET
SOUTHEAST LANDFILL WELL MONITORING PROGRAM
MONITORING WELLS DUPLICATE SAMPLE

PRECLEANED SAMPLE CONTAINERS:

DATE | TIME

RELINQUISHED BY: _____ REP. OF CONTRACT LAB. _____

ACCEPTED BY: Azar REP. OF SOLID WASTE DEPT. 2-16-11 8:00

LOCATION: DUPLICATE SAMPLE MATRIX: WATER OTHER MATRIX: _____

PERSONAL ENGAGED IN SAMPLE COLLECTION : ☒ A. Balloon ☒ JC ☐

FIELD PARAMETERS: N/A

SAMPLE CONTAINERS

QTY	CONTAINER DESCRIPTION	QTY	CONTAINER DESCRIPTION	PRESERVED
	40 ml VIAL		40 ml VIAL	
	125 ml. PLASTIC		125 ml. PLASTIC	
<u>1</u>	125 ml GLASS		125 ml GLASS	
	250 ml. PLASTIC	<u>2</u>	250 ml. PLASTIC	
	250 ml. GLASS		250 ml. GLASS	
<u>1</u>	500 ml. PLASTIC		500 ml. PLASTIC	
	500 ml. GLASS		500 ml. GLASS	
	LITER PLASTIC		LITER PLASTIC	
	LITER GLASS		LITER GLASS	
	BACTERIAL		BACTERIAL	

4 TOTAL No. OF SAMPLES COLLECTED:

COLLECTED
 DATE | TIME
2-11-11 | _____

ANALYSIS REQUESTED:

AMMONIA-NITROGEN CHLORIDE SODIUM TDS Iron Arsenic Cadmium Chromium Lead

PRESERVED SAMPLES PH < 2.0 YES SAMPLE STORAGE: COOLER & ICE TO 4.0 c

ABOVE LISTED SAMPLES: _____ DATE | TIME
 RELINQUISHED BY: Azar REP. OF SOLID WASTE DEPT. 2-11-11 2:00
 ACCEPTED BY: Carol McHally REP. OF CONTRACT LAB. 2-11-11 2:00

COMMENT'S: 004 0034

**HILLSBOROUGH COUNTY DEPT. OF SOLID WASTE COC SHEET
SOUTHEAST LANDFILL WELL MONITORING PROGRAM
MONITORING WELLS BLANK, EQUIPMENT**

PRECLEANED SAMPLE CONTAINERS: _____

DATE | TIME

RELINQUISHED BY: _____

REP. OF CONTRACT LAB. _____

ACCEPTED BY: ABC

REP. OF SOLID WASTE DEPT. 2-10-11 | 8:00

LOCATION: BLANK, EQUIPMENT

SAMPLE MATRIX: WATER OTHER MATRIX: _____

PERSONAL ENGAGED IN SAMPLE COLLECTION

☒ A. Balloon ☒ J.C. ☐

FIELD PARAMETERS: N/A

SAMPLE CONTAINERS

QTY	CONTAINER DESCRIPTION	QTY	CONTAINER DESCRIPTION	PRESERVED
<u>3</u>	40 ml VIAL		40 ml VIAL	
<u>1</u>	125 ml. PLASTIC		125 ml. PLASTIC	
	125 ml GLASS		125 ml GLASS	
	250 ml. PLASTIC	<u>2</u>	250 ml. PLASTIC	
	250 ml. GLASS		250 ml. GLASS	
<u>1</u>	500 ml. PLASTIC		500 ml. PLASTIC	
	500 ml. GLASS		500 ml. GLASS	
	LITER PLASTIC		LITER PLASTIC	
	LITER GLASS		LITER GLASS	
	BACTERIAL		BACTERIAL	

7 TOTAL No. OF SAMPLES COLLECTED:

COLLECTED

DATE | TIME

2-10-11 | 10:10

ANALYSIS REQUESTED:

AMMONIA-NITROGEN CHLORIDE SODIUM TDS Iron Arsenic Cadmium Chromium Lead

PRESERVED SAMPLES PH < 2.0 YES

SAMPLE STORAGE: COOLER & ICE TO 4.0 c

ABOVE LISTED SAMPLES: _____

RELINQUISHED BY: ABC

REP. OF SOLID WASTE DEPT. 2-11-11 | 2:00

ACCEPTED BY: Carol McHally

REP. OF CONTRACT LAB. 2-11-11 | 2:00

COMMENT'S: _____

2040034 Travel Blank 10:05 AM

Login Sample Receipt Check List

Client: Hillsborough County

Job Number: 660-39704-1

Login Number: 39704
Creator: McNulty, Carol
List Number: 1

List Source: TestAmerica Tampa

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	11.2 degrees C CU-07 recd direct from field
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: Hillsborough County

Job Number: 660-39704-1

Login Number: 39718
Creator: McNulty, Carol
List Number: 1

List Source: TestAmerica Tampa

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	4.2 degrees C Cu-07
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	

Facility Name: SOUTHEAST COUNTY SLF (PICNIC LF)

PARAMETER MONITORING REPORT

Rule 62-701

WACS Report Type: SEMGW

Description: Semiannual Gw: 62-701.510(8)(A) (1 Pages)

WACS Facility ID #: 41193
WACS Testsite ID #: 1065
WACS Testsite Name: TH-30 WACS# 10
Water Classification: G-II
(i.e.: LC - Leachate, G-II, SW-III(F))

Sample Date/Time: 2/10/2011 1:25:00PM
Sampling Method: Unknown

Permitted
Well Type: PZ

(AS) Assessment (IW) Irrigation Well
(BG) Background (OT) Other
(CO) Compliance (PZ) Piezometer
(DE) Detection (SO) Source
(DG) Downgradient (UP) Upgradient
(IM) Intermediate (WS) Water Supply

* Well Purged prior to
Sample Collection? (Y/N): Y

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
000929	Sodium	N	E84282	6010B	2/17/2011 11:30:00AM	20	0.31	mg/L	
000010	Field Temperature	N	E84282	DEP-SOP	2/10/2011 1:25:00PM	23.7		Degrees C	
082079	Turbidity	N	E84282	DEP-SOP	2/10/2011 1:25:00PM	4		NTU	
000610	Ammonia as N	N	E84282	350.1	2/22/2011 12:06:00PM	1.5	0.01	mg/L	
070300	Total Dissolved Solids	N	E84282	SM 2540C	2/16/2011 10:08:00AM	120	5	mg/L	
001027	Cadmium	N	E84282	6010B	2/17/2011 11:30:00AM	1	1	ug/L	U
001034	Chromium	N	E84282	6010B	2/17/2011 11:30:00AM	2	2	ug/L	U
001045	Iron	N	E84282	6010B	2/17/2011 11:30:00AM	200	50	ug/L	
001002	Arsenic	N	E84282	6010B	2/17/2011 11:30:00AM	4	4	ug/L	U
000406	Field pH	N	E84282	DEP-SOP	2/10/2011 1:25:00PM	4.36		SU	
000299	Dissolved Oxygen	N	E84282	DEP-SOP	2/10/2011 1:25:00PM	0.21		mg/L	
000094	Conductivity	N	E84282	DEP-SOP	2/10/2011 1:25:00PM	219		umhos/cm	
001051	Lead	N	E84282	6010B	2/17/2011 11:30:00AM	2	2	ug/L	U
000940	Chloride	N	E84282	300	2/22/2011 9:37:00PM	61	0.4	mg/L	

Total Parameters Monitored: 14

* Well purging is the process of pumping the well prior to sampling in order to obtain a representative ground water sample.

Printed: 2/25/2011

Page 1 of 1

Form Produced by FDEP Validator software
02/25/2011

Facility Name: SOUTHEAST COUNTY SLF (PICNIC LF)

PARAMETER MONITORING REPORT

Rule 62-701

WACS Report Type: SEMGW

Description: Semiannual Gw: 62-701.510(8)(A) (1 Pages)

WACS Facility ID #: 41193
 WACS Testsite ID #: 823
 WACS Testsite Name: TH-42 WACS# 82
 Water Classification: G-II
 (i.e.: LC - Leachate, G-II, SW-IIIIF)

Sample Date/Time: 2/10/2011 12:41:00PM
 Sampling Method: Unknown

Permitted
 Well Type: OT

(AS) Assessment (IW) Irrigation Well
 (BG) Background (OT) Other
 (CO) Compliance (PZ) Piezometer
 (DE) Detection (SO) Source
 (DG) Downgradient (UP) Upgradient
 (IM) Intermediate (WS) Water Supply

* Well Purged prior to
 Sample Collection? (Y/N): Y

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
000406	Field pH	N	E84282	DEP-SOP	2/10/2011 12:41:00PM	7.26		SU	
000610	Ammonia as N	N	E84282	350.1	2/22/2011 12:10:00PM	0.27	0.01	mg/L	
000929	Sodium	N	E84282	6010B	2/17/2011 11:42:00AM	15	0.31	mg/L	
001051	Lead	N	E84282	6010B	2/17/2011 11:42:00AM	39	2	ug/L	
001045	Iron	N	E84282	6010B	2/17/2011 11:42:00AM	2500	50	ug/L	
001034	Chromium	N	E84282	6010B	2/17/2011 11:42:00AM	21	2	ug/L	
001027	Cadmium	N	E84282	6010B	2/17/2011 11:42:00AM	1	1	ug/L	U
070300	Total Dissolved Solids	N	E84282	SM 2540C	2/16/2011 10:08:00AM	300	5	mg/L	
082079	Turbidity	N	E84282	DEP-SOP	2/10/2011 12:41:00PM	95.6		NTU	
000094	Conductivity	N	E84282	DEP-SOP	2/10/2011 12:41:00PM	476		umhos/cm	
000010	Field Temperature	N	E84282	DEP-SOP	2/10/2011 12:41:00PM	23.62		Degrees C	
001002	Arsenic	N	E84282	6010B	2/17/2011 11:42:00AM	4	4	ug/L	U
000940	Chloride	N	E84282	300	2/22/2011 3:24:00PM	18	0.2	mg/L	
000299	Dissolved Oxygen	N	E84282	DEP-SOP	2/10/2011 12:41:00PM	0.84		mg/L	

Total Parameters Monitored: 14

* Well purging is the process of pumping the well prior to sampling in order to obtain a representative ground water sample.

Printed: 2/25/2011

Page 1 of 1

Facility Name: SOUTHEAST COUNTY SLF (PICNIC LF)

PARAMETER MONITORING REPORT

Rule 62-701

WACS Report Type: SEMGW

Description: Semiannual Gw: 62-701.510(8)(A) (1 Pages)

WACS Facility ID #: 41193
 WACS Testsite ID #: 19862
 WACS Testsite Name: TH-28A WACS# 1
 Water Classification: G-II
 (i.e.: LC - Leachate, G-II, SW-IIIIF)

Sample Date/Time: 2/10/2011 12:03:00PM
 Sampling Method: Unknown

Permitted
 Well Type: DE

(AS) Assessment (IW) Irrigation Well
 (BG) Background (OT) Other
 (CO) Compliance (PZ) Piezometer
 (DE) Detection (SO) Source
 (DG) Downgradient (UP) Upgradient
 (IM) Intermediate (WS) Water Supply

* Well Purged prior to
 Sample Collection? (Y/N): Y

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
001002	Arsenic	N	E84282	6010B	2/17/2011 11:46:00AM	4	4	ug/L	U
000929	Sodium	N	E84282	6010B	2/17/2011 11:46:00AM	18	0.31	mg/L	
001045	Iron	N	E84282	6010B	2/17/2011 11:46:00AM	2400	50	ug/L	
001034	Chromium	N	E84282	6010B	2/17/2011 11:46:00AM	2	2	ug/L	U
001027	Cadmium	N	E84282	6010B	2/17/2011 11:46:00AM	1	1	ug/L	U
000299	Dissolved Oxygen	N	E84282	DEP-SOP	2/10/2011 12:03:00PM	0.61		mg/L	
000610	Ammonia as N	N	E84282	350.1	2/22/2011 12:11:00PM	1.3	0.01	mg/L	
000010	Field Temperature	N	E84282	DEP-SOP	2/10/2011 12:03:00PM	25.85		Degrees C	
000094	Conductivity	N	E84282	DEP-SOP	2/10/2011 12:03:00PM	209		umhos/cm	
000406	Field pH	N	E84282	DEP-SOP	2/10/2011 12:03:00PM	5.06		SU	
082079	Turbidity	N	E84282	DEP-SOP	2/10/2011 12:03:00PM	3.1		NTU	
070300	Total Dissolved Solids	N	E84282	SM 2540C	2/16/2011 10:09:00AM	110	5	mg/L	
000940	Chloride	N	E84282	300	2/22/2011 3:51:00PM	45	0.2	mg/L	
001051	Lead	N	E84282	6010B	2/17/2011 11:46:00AM	2	2	ug/L	U

Total Parameters Monitored: 14

* Well purging is the process of pumping the well prior to sampling in order to obtain a representative ground water sample.

Printed: 2/25/2011

Page 1 of 1

Form Produced by FDEP Validator software
 02/25/2011

Facility Name: SOUTHEAST COUNTY SLF (PICNIC LF)

PARAMETER MONITORING REPORT

Rule 62-701

WACS Report Type: SEMGW

Description: Semiannual Gw: 62-701.510(8)(A) (1 Pages)

WACS Facility ID #: 41193
 WACS Testsite ID #: 1570
 WACS Testsite Name: TH-57 WACS# 15
 Water Classification: G-II
 (i.e.: LC - Leachate, G-II, SW-III(F))

Sample Date/Time: 2/10/2011 11:41:00AM
 Sampling Method: Unknown

Permitted
 Well Type: DE

(AS) Assessment (IW) Irrigation Well
 (BG) Background (OT) Other
 (CO) Compliance (PZ) Piezometer
 (DE) Detection (SO) Source
 (DG) Downgradient (UP) Upgradient
 (IM) Intermediate (WS) Water Supply

* Well Purged prior to
 Sample Collection? (Y/N): Y

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
001027	Cadmium	N	E84282	6010B	2/17/2011 11:49:00AM	1	1	ug/L	U
001034	Chromium	N	E84282	6010B	2/17/2011 11:49:00AM	2	2	ug/L	U
000940	Chloride	N	E84282	300	2/22/2011 4:17:00PM	40	0.2	mg/L	
001045	Iron	N	E84282	6010B	2/17/2011 11:49:00AM	430	50	ug/L	
000010	Field Temperature	N	E84282	DEP-SOP	2/10/2011 11:41:00AM	26.02		Degrees C	
001051	Lead	N	E84282	6010B	2/17/2011 11:49:00AM	2	2	ug/L	U
000610	Ammonia as N	N	E84282	350.1	2/22/2011 12:12:00PM	1	0.01	mg/L	
082079	Turbidity	N	E84282	DEP-SOP	2/10/2011 11:41:00AM	2.1		NTU	
000094	Conductivity	N	E84282	DEP-SOP	2/10/2011 11:41:00AM	160		umhos/cm	
000299	Dissolved Oxygen	N	E84282	DEP-SOP	2/10/2011 11:41:00AM	0.42		mg/L	
000406	Field pH	N	E84282	DEP-SOP	2/10/2011 11:41:00AM	5.02		SU	
070300	Total Dissolved Solids	N	E84282	SM 2540C	2/16/2011 10:10:00AM	82	5	mg/L	
001002	Arsenic	N	E84282	6010B	2/17/2011 11:49:00AM	4	4	ug/L	U
000929	Sodium	N	E84282	6010B	2/17/2011 11:49:00AM	11	0.31	mg/L	

Total Parameters Monitored: 14

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Printed: 2/25/2011

Page 1 of 1

Form Produced by FDEP Validator software
 02/25/2011

Facility Name: SOUTHEAST COUNTY SLF (PICNIC LF)

PARAMETER MONITORING REPORT

Rule 62-701

WACS Report Type: SEMGW

Description: Semiannual Gw: 62-701.510(8)(A) (1 Pages)

WACS Facility ID #: 41193
 WACS Testsite ID #: 822
 WACS Testsite Name: TH-40 WACS# 82
 Water Classification: G-II
 (i.e.: LC - Leachate, G-II, SW-IIIIF)

Sample Date/Time: 2/10/2011 11:19:00AM
 Sampling Method: Unknown
 Permitted
 Well Type: CO

(AS) Assessment (IW) Irrigation Well
 (BG) Background (OT) Other
 (CO) Compliance (PZ) Piezometer
 (DE) Detection (SO) Source
 (DG) Downgradient (UP) Upgradient
 (IM) Intermediate (WS) Water Supply

* Well Purged prior to Sample Collection? (Y/N): Y

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
001045	Iron	N	E84282	6010B	2/17/2011 11:59:00AM	50	50	ug/L	U
000094	Conductivity	N	E84282	DEP-SOP	2/10/2011 11:19:00AM	346		umhos/cm	
001051	Lead	N	E84282	6010B	2/17/2011 11:59:00AM	3.7	2	ug/L	I
000010	Field Temperature	N	E84282	DEP-SOP	2/10/2011 11:19:00AM	23.38		Degrees C	
000299	Dissolved Oxygen	N	E84282	DEP-SOP	2/10/2011 11:19:00AM	0.48		mg/L	
070300	Total Dissolved Solids	N	E84282	SM 2540C	2/16/2011 10:10:00AM	210	5	mg/L	
000610	Ammonia as N	N	E84282	350.1	2/22/2011 12:13:00PM	0.31	0.01	mg/L	
001027	Cadmium	N	E84282	6010B	2/17/2011 11:59:00AM	1	1	ug/L	U
000929	Sodium	N	E84282	6010B	2/17/2011 11:59:00AM	16	0.31	mg/L	
000406	Field pH	N	E84282	DEP-SOP	2/10/2011 11:19:00AM	7.68		SU	
082079	Turbidity	N	E84282	DEP-SOP	2/10/2011 11:19:00AM	0.6		NTU	
001034	Chromium	N	E84282	6010B	2/17/2011 11:59:00AM	2	2	ug/L	U
000940	Chloride	N	E84282	300	2/22/2011 4:44:00PM	8.7	0.2	mg/L	
001002	Arsenic	N	E84282	6010B	2/17/2011 11:59:00AM	4	4	ug/L	U

Total Parameters Monitored: 14

* Well purging is the process of pumping the well prior to sampling in order to obtain a representative ground water sample.

Printed: 2/25/2011

Page 1 of 1

Form Produced by FDEP Validator software
02/25/2011

Facility Name: SOUTHEAST COUNTY SLF (PICNIC LF)

PARAMETER MONITORING REPORT

Rule 62-701

WACS Report Type: SEMGW

Description: Semiannual Gw: 62-701.510(8)(A) (1 Pages)

WACS Facility ID #: 41193
WACS Testsite ID #: 821
WACS Testsite Name: TH-19 WACS# 82
Water Classification: G-II
(i.e.: LC - Leachate, G-II, SW-IIIIF)

Sample Date/Time: 2/10/2011 10:42:00AM
Sampling Method: Unknown

Permitted
Well Type: BG

(AS) Assessment (IW) Irrigation Well
(BG) Background (OT) Other
(CO) Compliance (PZ) Piezometer
(DE) Detection (SO) Source
(DG) Downgradient (UP) Upgradient
(IM) Intermediate (WS) Water Supply

* Well Purged prior to
Sample Collection? (Y/N): Y

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
001045	Iron	N	E84282	6010B	2/17/2011 12:02:00PM	50	50	ug/L	U
082079	Turbidity	N	E84282	DEP-SOP	2/10/2011 10:42:00AM	0.7		NTU	
000929	Sodium	N	E84282	6010B	2/17/2011 12:02:00PM	14	0.31	mg/L	
070300	Total Dissolved Solids	N	E84282	SM 2540C	2/16/2011 10:10:00AM	240	5	mg/L	
000406	Field pH	N	E84282	DEP-SOP	2/10/2011 10:42:00AM	7.56		SU	
000010	Field Temperature	N	E84282	DEP-SOP	2/10/2011 10:42:00AM	23.33		Degrees C	
000094	Conductivity	N	E84282	DEP-SOP	2/10/2011 10:42:00AM	381		umhos/cm	
000940	Chloride	N	E84282	300	2/22/2011 6:57:00PM	8.9	0.2	mg/L	J
000610	Ammonia as N	N	E84282	350.1	2/22/2011 12:14:00PM	0.29	0.01	mg/L	
001002	Arsenic	N	E84282	6010B	2/17/2011 12:02:00PM	4	4	ug/L	U
001027	Cadmium	N	E84282	6010B	2/17/2011 12:02:00PM	1	1	ug/L	U
001034	Chromium	N	E84282	6010B	2/17/2011 12:02:00PM	2	2	ug/L	U
001051	Lead	N	E84282	6010B	2/17/2011 12:02:00PM	3.9	2	ug/L	I
000299	Dissolved Oxygen	N	E84282	DEP-SOP	2/10/2011 10:42:00AM	0.8		mg/L	

Total Parameters Monitored: 14

* Well purging is the process of pumping the well prior to sampling in order to obtain a representative ground water sample.

Facility Name: SOUTHEAST COUNTY SLF (PICNIC LF)

PARAMETER MONITORING REPORT

Rule 62-701

WACS Report Type: SEMGW

Description: Semiannual Gw: 62-701.510(8)(A) (1 Pages)

WACS Facility ID #: 41193
WACS Testsite ID #: 27755
WACS Testsite Name: SUP 1 WACS# 27
Water Classification: G-II
(i.e.: LC - Leachate, G-II, SW-III(F))

Sample Date/Time: 2/11/2011 12:19:00PM
Sampling Method: Unknown
Permitted
Well Type: OT

(AS) Assessment (IW) Irrigation Well
(BG) Background (OT) Other
(CO) Compliance (PZ) Piezometer
(DE) Detection (SO) Source
(DG) Downgradient (UP) Upgradient
(IM) Intermediate (WS) Water Supply

* Well Purged prior to Sample Collection? (Y/N): Y

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
001002	Arsenic	N	E84282	6010B	2/17/2011 12:09:00PM	4	4	ug/L	U
001051	Lead	N	E84282	6010B	2/17/2011 12:09:00PM	4.6	2	ug/L	I
001045	Iron	N	E84282	6010B	2/17/2011 12:09:00PM	50	50	ug/L	U
001027	Cadmium	N	E84282	6010B	2/17/2011 12:09:00PM	1	1	ug/L	U
000610	Ammonia as N	N	E84282	350.1	2/22/2011 12:33:00PM	0.11	0.01	mg/L	
000940	Chloride	N	E84282	300	2/23/2011 10:15:00AM	9.9	0.2	mg/L	
082079	Turbidity	N	E84282	DEP-SOP	2/11/2011 12:19:00PM	0.2		NTU	
000094	Conductivity	N	E84282	DEP-SOP	2/11/2011 12:19:00PM	322		umhos/cm	
000299	Dissolved Oxygen	N	E84282	DEP-SOP	2/11/2011 12:19:00PM	0.31		mg/L	
000929	Sodium	N	E84282	6010B	2/17/2011 12:09:00PM	8.6	0.31	mg/L	
000406	Field pH	N	E84282	DEP-SOP	2/11/2011 12:19:00PM	7.66		SU	
070300	Total Dissolved Solids	N	E84282	SM 2540C	2/17/2011 11:21:00AM	210	5	mg/L	
000010	Field Temperature	N	E84282	DEP-SOP	2/11/2011 12:19:00PM	24.33		Degrees C	
001034	Chromium	N	E84282	6010B	2/17/2011 12:09:00PM	2	2	ug/L	U

Total Parameters Monitored: 14

* Well purging is the process of pumping the well prior to sampling in order to obtain a representative ground water sample.

Printed: 2/25/2011

Page 1 of 1

Form Produced by FDEP Validator software
02/25/2011

Facility Name: SOUTHEAST COUNTY SLF (PICNIC LF)

PARAMETER MONITORING REPORT

Rule 62-701

WACS Report Type: SEMGW

Description: Semiannual Gw: 62-701.510(8)(A) (1 Pages)

WACS Facility ID #: 41193
 WACS Testsite ID #: 27753
 WACS Testsite Name: TH-72 WACS# 27
 Water Classification: G-II
 (i.e.: LC - Leachate, G-II, SW-IIIIF)

Sample Date/Time: 2/11/2011 11:40:00AM
 Sampling Method: Unknown
 Permitted
 Well Type: OT

(AS) Assessment (IW) Irrigation Well
 (BG) Background (OT) Other
 (CO) Compliance (PZ) Piezometer
 (DE) Detection (SO) Source
 (DG) Downgradient (UP) Upgradient
 (IM) Intermediate (WS) Water Supply

* Well Purged prior to
 Sample Collection? (Y/N): Y

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
000610	Ammonia as N	N	E84282	350.1	2/22/2011 12:34:00PM	0.28	0.01	mg/L	
000299	Dissolved Oxygen	N	E84282	DEP-SOP	2/11/2011 11:40:00AM	1.58		mg/L	
001045	Iron	N	E84282	6010B	2/17/2011 12:12:00PM	540	50	ug/L	
001027	Cadmium	N	E84282	6010B	2/17/2011 12:12:00PM	1	1	ug/L	U
001002	Arsenic	N	E84282	6010B	2/17/2011 12:12:00PM	4	4	ug/L	U
000406	Field pH	N	E84282	DEP-SOP	2/11/2011 11:40:00AM	7.34		SU	
000940	Chloride	N	E84282	300	2/23/2011 10:26:00AM	31	0.2	mg/L	
070300	Total Dissolved Solids	N	E84282	SM 2540C	2/17/2011 11:22:00AM	340	5	mg/L	
000094	Conductivity	N	E84282	DEP-SOP	2/11/2011 11:40:00AM	514		umhos/cm	
000010	Field Temperature	N	E84282	DEP-SOP	2/11/2011 11:40:00AM	22.65		Degrees C	
001051	Lead	N	E84282	6010B	2/17/2011 12:12:00PM	3.6	2	ug/L	I
000929	Sodium	N	E84282	6010B	2/17/2011 12:12:00PM	31	0.31	mg/L	
082079	Turbidity	N	E84282	DEP-SOP	2/11/2011 11:40:00AM	3.2		NTU	
001034	Chromium	N	E84282	6010B	2/17/2011 12:12:00PM	2	2	ug/L	U

Total Parameters Monitored: 14

* Well purging is the process of pumping the well prior to sampling in order to obtain a representative ground water sample.

Facility Name: SOUTHEAST COUNTY SLF (PICNIC LF)

PARAMETER MONITORING REPORT

Rule 62-701

WACS Report Type: SEMGW

Description: Semiannual Gw: 62-701.510(8)(A) (1 Pages)

WACS Facility ID #: 41193
WACS Testsite ID #: 27756
WACS Testsite Name: SUP 2 WACS# 27
Water Classification: G-II
(i.e.: LC - Leachate, G-II, SW-III/F)

Sample Date/Time: 2/11/2011 12:51:00PM
Sampling Method: Unknown
Permitted
Well Type: OT

(AS) Assessment (IW) Irrigation Well
(BG) Background (OT) Other
(CO) Compliance (PZ) Piezometer
(DE) Detection (SO) Source
(DG) Downgradient (UP) Upgradient
(IM) Intermediate (WS) Water Supply

* Well Purged prior to
Sample Collection? (Y/N): Y

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
001051	Lead	N	E84282	6010B	2/17/2011 12:16:00PM	2.5	2	ug/L	I
000940	Chloride	N	E84282	300	2/23/2011 10:38:00AM	11	0.2	mg/L	
000406	Field pH	N	E84282	DEP-SOP	2/11/2011 12:51:00PM	7.76		SU	
000010	Field Temperature	N	E84282	DEP-SOP	2/11/2011 12:51:00PM	24.27		Degrees C	
000299	Dissolved Oxygen	N	E84282	DEP-SOP	2/11/2011 12:51:00PM	0.98		mg/L	
000094	Conductivity	N	E84282	DEP-SOP	2/11/2011 12:51:00PM	328		umhos/cm	
082079	Turbidity	N	E84282	DEP-SOP	2/11/2011 12:51:00PM	0.1		NTU	
070300	Total Dissolved Solids	N	E84282	SM 2540C	2/17/2011 11:22:00AM	210	5	mg/L	
000610	Ammonia as N	N	E84282	350.1	2/22/2011 12:36:00PM	0.11	0.01	mg/L	
001027	Cadmium	N	E84282	6010B	2/17/2011 12:16:00PM	1	1	ug/L	U
001034	Chromium	N	E84282	6010B	2/17/2011 12:16:00PM	2	2	ug/L	U
001002	Arsenic	N	E84282	6010B	2/17/2011 12:16:00PM	4	4	ug/L	U
001045	Iron	N	E84282	6010B	2/17/2011 12:16:00PM	50	50	ug/L	U
000929	Sodium	N	E84282	6010B	2/17/2011 12:16:00PM	8.7	0.31	mg/L	

Total Parameters Monitored: 14

* Well purging is the process of pumping the well prior to sampling in order to obtain a representative ground water sample.

Printed: 2/25/2011

Page 1 of 1

Form Produced by FDEP Validator software
02/25/2011

Facility Name: SOUTHEAST COUNTY SLF (PICNIC LF)

PARAMETER MONITORING REPORT

Rule 62-701

WACS Report Type: SEMGW

Description: Semiannual Gw: 62-701.510(8)(A) (1 Pages)

WACS Facility ID #: 41193
 WACS Testsite ID #: 1571
 WACS Testsite Name: TH-58 WACS# 1
 Water Classification: G-II
 (i.e.: LC - Leachate, G-II, SW-IIIIF)

Sample Date/Time: 2/11/2011 11:19:00AM
 Sampling Method: Unknown
 Permitted
 Well Type: DE

(AS) Assessment (IW) Irrigation Well
 (BG) Background (OT) Other
 (CO) Compliance (PZ) Piezometer
 (DE) Detection (SO) Source
 (DG) Downgradient (UP) Upgradient
 (IM) Intermediate (WS) Water Supply

* Well Purged prior to
 Sample Collection? (Y/N): Y

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
000010	Field Temperature	N	E84282	DEP-SOP	2/11/2011 11:19:00AM	25.58		Degrees C	
000406	Field pH	N	E84282	DEP-SOP	2/11/2011 11:19:00AM	5.74		SU	
000610	Ammonia as N	N	E84282	350.1	2/22/2011 12:48:00PM	0.92	0.01	mg/L	J
000299	Dissolved Oxygen	N	E84282	DEP-SOP	2/11/2011 11:19:00AM	0.56		mg/L	
082079	Turbidity	N	E84282	DEP-SOP	2/11/2011 11:19:00AM	1.3		NTU	
070300	Total Dissolved Solids	N	E84282	SM 2540C	2/17/2011 11:23:00AM	350	5	mg/L	
000940	Chloride	N	E84282	300	2/23/2011 2:39:00PM	76	1	mg/L	
000929	Sodium	N	E84282	6010B	2/17/2011 12:19:00PM	20	0.31	mg/L	
001002	Arsenic	N	E84282	6010B	2/17/2011 12:19:00PM	26	4	ug/L	
001027	Cadmium	N	E84282	6010B	2/17/2011 12:19:00PM	1	1	ug/L	U
001034	Chromium	N	E84282	6010B	2/17/2011 12:19:00PM	2	2	ug/L	U
001045	Iron	N	E84282	6010B	2/17/2011 12:19:00PM	4900	50	ug/L	
001051	Lead	N	E84282	6010B	2/17/2011 12:19:00PM	2	2	ug/L	U
000094	Conductivity	N	E84282	DEP-SOP	2/11/2011 11:19:00AM	578		umhos/cm	

Total Parameters Monitored: 14

* Well purging is the process of pumping the well prior to sampling in order to obtain a representative ground water sample.

Printed: 2/25/2011

Page 1 of 1

Form Produced by FDEP Validator software
 02/25/2011

Facility Name: SOUTHEAST COUNTY SLF (PICNIC LF)

PARAMETER MONITORING REPORT

Rule 62-701

WACS Report Type: SEMGW

Description: Semiannual Gw: 62-701.510(8)(A) (1 Pages)

WACS Facility ID #: 41193
WACS Testsite ID #: 27754
WACS Testsite Name: TH-73 WACS# 27
Water Classification: G-II
(i.e.: LC - Leachate, G-II, SW-IIIIF)

Sample Date/Time: 2/11/2011 10:51:00AM
Sampling Method: Unknown
Permitted
Well Type: OT

(AS) Assessment (IW) Irrigation Well
(BG) Background (OT) Other
(CO) Compliance (PZ) Piezometer
(DE) Detection (SO) Source
(DG) Downgradient (UP) Upgradient
(IM) Intermediate (WS) Water Supply

* Well Purged prior to
Sample Collection? (Y/N): Y

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
000940	Chloride	N	E84282	300	2/24/2011 9:24:00AM	56	0.4	mg/L	
001051	Lead	N	E84282	6010B	2/17/2011 12:22:00PM	3.8	2	ug/L	I
000094	Conductivity	N	E84282	DEP-SOP	2/11/2011 10:51:00AM	336		umhos/cm	
082079	Turbidity	N	E84282	DEP-SOP	2/11/2011 10:51:00AM	12		NTU	
070300	Total Dissolved Solids	N	E84282	SM 2540C	2/17/2011 11:23:00AM	160	5	mg/L	
000610	Ammonia as N	N	E84282	350.1	2/22/2011 12:51:00PM	2	0.01	mg/L	
001045	Iron	N	E84282	6010B	2/17/2011 12:22:00PM	26000	50	ug/L	
000929	Sodium	N	E84282	6010B	2/17/2011 12:22:00PM	27	0.31	mg/L	
001034	Chromium	N	E84282	6010B	2/17/2011 12:22:00PM	3.3	2	ug/L	I
000010	Field Temperature	N	E84282	DEP-SOP	2/11/2011 10:51:00AM	25.86		Degrees C	
000406	Field pH	N	E84282	DEP-SOP	2/11/2011 10:51:00AM	5.62		SU	
001002	Arsenic	N	E84282	6010B	2/17/2011 12:22:00PM	4	4	ug/L	U
000299	Dissolved Oxygen	N	E84282	DEP-SOP	2/11/2011 10:51:00AM	1.44		mg/L	
001027	Cadmium	N	E84282	6010B	2/17/2011 12:22:00PM	1	1	ug/L	U

Total Parameters Monitored: 14

* Well purging is the process of pumping the well prior to sampling in order to obtain a representative ground water sample.

Printed: 2/25/2011

Page 1 of 1

Form Produced by FDEP Validator software
02/25/2011

Facility Name: SOUTHEAST COUNTY SLF (PICNIC LF)

PARAMETER MONITORING REPORT

Rule 62-701

WACS Report Type: SEMGW

Description: Semiannual Gw: 62-701.510(8)(A) (1 Pages)

WACS Facility ID #: 41193
WACS Testsite ID #: 0
WACS Testsite Name: Duplicate
Water Classification: G-II
(i.e.: LC - Leachate, G-II, SW-IIIIF)

Sample Date/Time: 2/11/2011 12:00:00AM
Sampling Method: Unknown
Permitted
Well Type: OT

(AS) Assessment (IW) Irrigation Well
(BG) Background (OT) Other
(CO) Compliance (PZ) Piezometer
(DE) Detection (SO) Source
(DG) Downgradient (UP) Upgradient
(IM) Intermediate (WS) Water Supply

* Well Purged prior to
Sample Collection? (Y/N): Y

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
000940	Chloride	N	E84282	300	2/23/2011 11:58:00AM	9.9	0.2	mg/L	
000610	Ammonia as N	N	E84282	350.1	2/22/2011 12:52:00PM	0.14	0.01	mg/L	
001002	Arsenic	N	E84282	6010B	2/17/2011 12:26:00PM	4	4	ug/L	U
001027	Cadmium	N	E84282	6010B	2/17/2011 12:26:00PM	1	1	ug/L	U
001034	Chromium	N	E84282	6010B	2/17/2011 12:26:00PM	2	2	ug/L	U
001045	Iron	N	E84282	6010B	2/17/2011 12:26:00PM	50	50	ug/L	U
001051	Lead	N	E84282	6010B	2/17/2011 12:26:00PM	2.5	2	ug/L	I
070300	Total Dissolved Solids	N	E84282	SM 2540C	2/17/2011 11:24:00AM	220	5	mg/L	
000929	Sodium	N	E84282	6010B	2/17/2011 12:26:00PM	8.7	0.31	mg/L	

Total Parameters Monitored: 9

* Well purging is the process of pumping the well prior to sampling in order to obtain a representative ground water sample.

Printed: 2/25/2011

Page 1 of 1

Facility Name: SOUTHEAST COUNTY SLF (PICNIC LF)

PARAMETER MONITORING REPORT

Rule 62-701

WACS Report Type: SEMGW

Description: Semiannual Gw: 62-701.510(8)(A) (1 Pages)

WACS Facility ID #: 41193

Sample Date/Time: 2/11/2011 10:10:00AM

WACS Testsite ID #:

Sampling Method: -

WACS Testsite Name: Equipment Blank

Permitted

Water Classification:

Well Type:

(i.e.: LC - Leachate, G-II, SW-III(F))

(AS) Assessment (IW) Irrigation Well
(BG) Background (OT) Other
(CO) Compliance (PZ) Piezometer
(DE) Detection (SO) Source
(DG) Downgradient (UP) Upgradient
(IM) Intermediate (WS) Water Supply

* Well Purged prior to
Sample Collection? (Y/N):

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
000940	Chloride	N	E84282	300	2/23/2011 12:10:00PM	0.2	0.2	mg/L	U
070300	Total Dissolved Solids	N	E84282	SM 2540C	2/17/2011 11:24:00AM	5	5	mg/L	U
000929	Sodium	N	E84282	6010B	2/17/2011 12:29:00PM	0.31	0.31	mg/L	U
001051	Lead	N	E84282	6010B	2/17/2011 12:29:00PM	2	2	ug/L	U
001045	Iron	N	E84282	6010B	2/17/2011 12:29:00PM	50	50	ug/L	U
001034	Chromium	N	E84282	6010B	2/17/2011 12:29:00PM	2	2	ug/L	U
001027	Cadmium	N	E84282	6010B	2/17/2011 12:29:00PM	1	1	ug/L	U
000610	Ammonia as N	N	E84282	350.1	2/22/2011 12:53:00PM	0.01	0.01	mg/L	U
001002	Arsenic	N	E84282	6010B	2/17/2011 12:29:00PM	4	4	ug/L	U

Total Parameters Monitored: 9

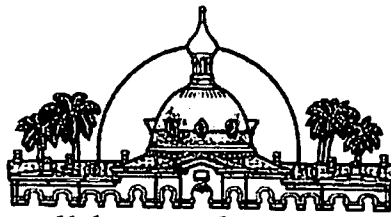
* Well purging is the process of pumping the well prior to sampling
in order to obtain a representative ground water sample.

Printed: 2/25/2011

Page 1 of 1

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Florida**

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Michael S. Merrill

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Sharon D. Subadan, Interim
Mark J. Thornton, Interim

JRM
COPY

January 27, 2011

Mr. John Morris, P.G.
Florida Department of Environmental Protection
Waste Management Section
13051 Telecom Parkway
Temple Terrace, FL 33637

**RE: Southeast County Landfill
Laboratory Analytical Sampling Results
Initial Assessment Monitoring Plan – Phase III
Report No. 2**

Dear Mr. Morris:

The Hillsborough County Public Utilities Department, Solid Waste Management Division (SWMD) is pleased to provide the analytical results from the sampling events conducted as part of the Phase III activities of the Initial Assessment Monitoring Plan (IAMP). The IAMP was developed to address any potential impacts from the sinkhole in Phase VI of the Southeast County Landfill (SCLF), which was discovered on December 14, 2010.

The SWMD conducted the Phase III sampling activities in accordance with the IAMP during the week of January 3, 2011. On January 4, 2011, representative groundwater samples were collected from the four large irrigation supply wells located on the Maran Groves property. On January 6-7, 2011, seven monitoring wells and two limited use potable supply wells were sampled to assess any potential impacts to groundwater from the sinkhole.

The water quality observed within the on-site groundwater monitoring wells, onsite supply wells and the Maran Groves wells gives no indication of impact from the sinkhole. The Maran Groves irrigation supply wells and the on-site potable supply wells exhibited consistent values for several of the indicator parameters.

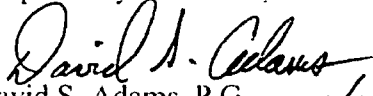
Mr. John Morris, P.G.
January 27, 2011
Page 2

The on-site surficial aquifer wells exhibited water quality consistent with the historical data set for the site, and no unusual changes in water quality are observed. The groundwater and surface water elevations were recorded on January 4, 2011, and the data summary table and contour flow diagram have been prepared, as requested.

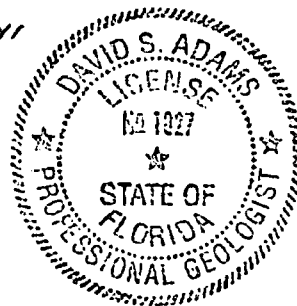
The two new monitoring wells, TH-72 and TH-73, along with the supply well at the Maran Groves maintenance facility were originally scheduled to be sampled as part of Phase III of the IAMP. The new wells were not completed until January 14, 2011, and the supply well at the Maran Groves maintenance facility was not functioning due to electrical problems. The new monitoring wells were initially sampled on January 21, 2011, and the electrical problems with the Maran Groves supply well were resolved today, January 27, 2011. The data from the sampling of these wells will be provided in the future IAMP reports.

Enclosed for your review is a detailed site location map, a supplemental map depicting the locations of the four Maran Groves irrigation supply wells, a water quality data summary table, a groundwater elevation data table, and the associated contour flow diagram. The SWMD continues to work on all the activities associated with the Initial Assessment Monitoring Plan. The analytical results from each week's sampling events shall be submitted within seven days of our receipt of the laboratory data reports, as requested by FDEP. Should you have any questions or require any additional information, please call us at (813) 276-2955 or (813) 276-2944.

Respectfully submitted,


David S. Adams, P.G.
Environmental Manager
Public Utilities Department
Solid Waste Management Division

1/27/2011



xc: Paul Vanderploog, Director, PUD
Barry Boldissar, PUD/SWMD
Patricia V. Berry, PUD/SWMD
Larry Ruiz, PUD/SWMD
Michelle Van Dyk, PUD
Rich Tedder, FDEP Tallahassee
Susan Pelz, FDEP Southwest District
Steve Morgan, FDEP, Southwest District
Paul Schipfer, EPC
Ernest Ely, WM
Rich Siemering, HDR
Joe O'Neill, Civil Design Services
Brian Miller, DOH



Hillsborough County Southeast Landfill
Laboratory Analytical Results from Groundwater Monitoring and On-Site Supply Wells
January 4-7, 2011

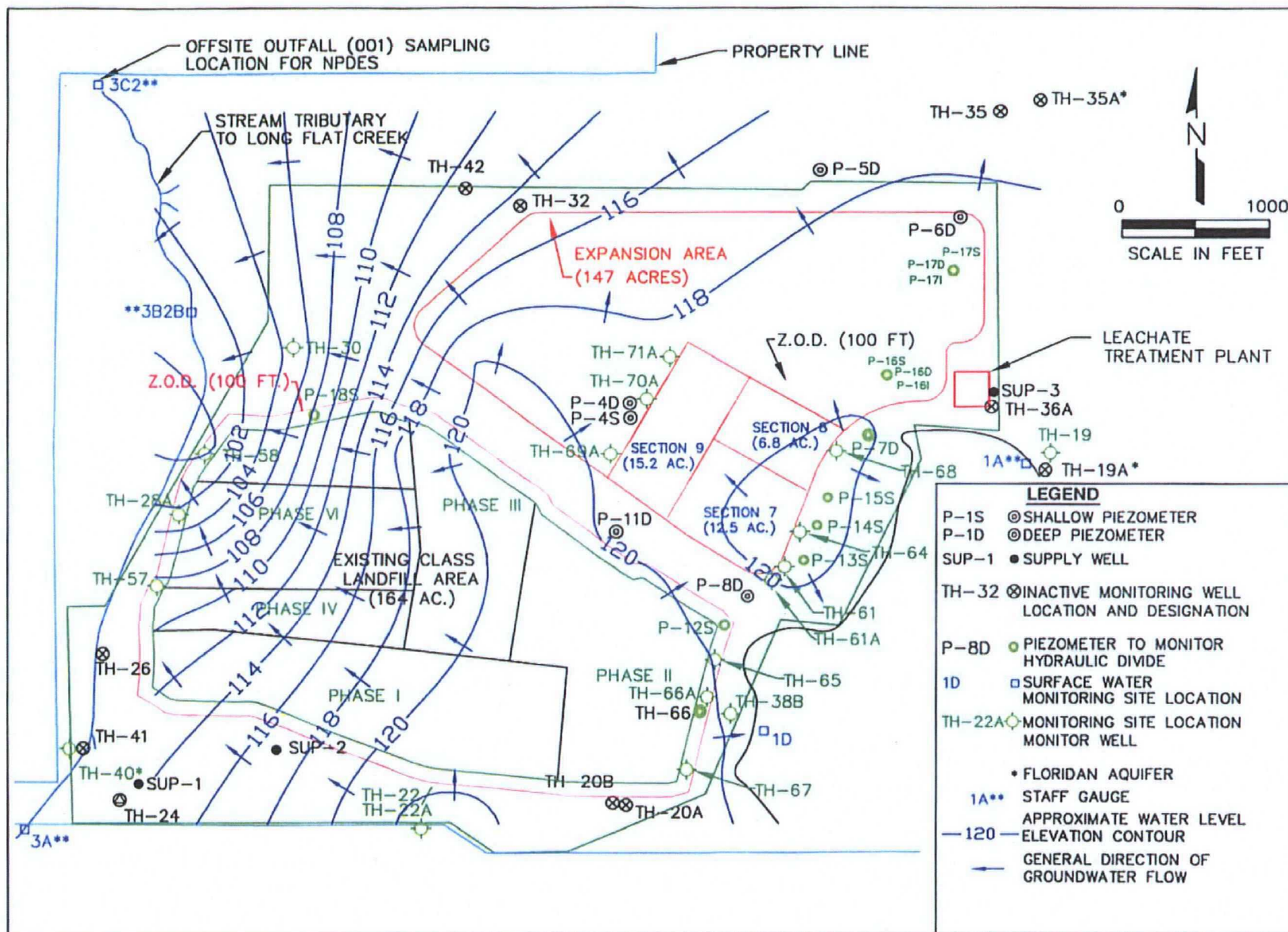
GENERAL (mg/l)															(MCL) STANDARD
PARAMETERS	P-18S	TH-19	TH-28A	TH-40	TH-42	TH-57	TH-58	SUP-1	SUP-2	Maran Groves 2	Maran Groves 6	Maran Groves 7	Maran Groves 12	F.A.C. 62-550	
conductivity (umhos/cm) (field)	77	337	175	323	427	143	819	387	378	301	304	327	378	NS	
dissolved oxygen (mg/l) (field)	0.72	0.94	0.91	2.33	0.81	0.33	0.44	1.90	0.29	0.92	0.94	0.78	0.77	NS	
pH (field)	4.83	7.33	8.12	7.20	7.24	8.08	8.71	7.51	7.57	7.54	7.59	7.66	7.66	(6.5 - 8.5)**	
temperature (°C) (field)	25.85	23.27	25.58	23.23	23.52	28.40	25.81	21.04	24.18	25.14	24.70	26.81	27.05	NS	
turbidity (NTU) (field)	348.3	0.2	1.7	1	234.4	0.4	0.6	0.1	0.1	0	0.1	0.2	0.2	NS	
total dissolved solids (mg/l)	100	220	92	220	300	100	440	210	200	210	210	220	270	500**	
chloride (mg/l)	11	8.3	42	8.7	18	39	140	18	12	11	11	13	22	250***	
ammonia nitrogen (mg/l as N)	0.48	0.27	1.4	0.27	0.16	0.82	0.64	0.18	0.16	0.17	0.16	0.17	0.28	2.8***	
Metals: (mg/l)	P-18S	TH-19	TH-28A	TH-40	TH-42	TH-57	TH-58	SUP-1	SUP-2	Maran Groves 2	Maran Groves 6	Maran Groves 7	Maran Groves 12	(MCL) STANDARD	
sodium	7.8	14	17	16	15	12	29	13	9.2	9.3	9.9	8.9	8.9	F.A.C. 62-550	
														180*	
Note: Ref. Groundwater Guidance Concentrations, FDEP 2007															
MCL=MAXIMUM CONTAMINANT LEVEL															
BDL=BELOW DETECTION LIMIT															
NTU=NEPHELOMETRIC TURBIDITY UNITS															
*DENOTES PRIMARY DRINKING WATER STANDARD															
**DENOTES SECONDARY DRINKING WATER STANDARD															
***DENOTES FLORIDA GUIDANCE CONCENTRATION															
4.83	EXCEEDS PRIMARY OR SECONDARY DRINKING WATER														
</															

GROUNDWATER AND SURFACE WATER ELEVATIONS FOR

SOUTHEAST LANDFILL

January 4, 2011

Measuring Point I.D.	T.O.C. Elevations (NGVD)	1/4/2011 W.L. B.T.O.C.	W.L. (NGVD)	Time
P-4D	140.78	22.51	118.27	10:48 AM
P-4S	140.95	Dry	Dry	10:45 AM
P-6D	151.94	Dry	Dry	11:16 AM
P-6D-A	148.01	28.60	119.41	11:36 AM
P-7D	138.92	18.74	120.18	12:15 PM
P-8D	138.34	18.98	119.38	12:42 PM
P-11D	138.02	18.21	119.81	12:39 PM
P-12S	134.97	15.12	119.85	12:45 PM
P-13S	140.21	20.34	119.87	12:32 PM
P-14S	138.56	18.64	119.92	12:24 PM
P-15S	139.19	19.32	119.87	12:22 PM
P-16S	143.38	16.49	128.89	11:43 AM
P-16I	144.15	25.00	119.15	11:42 AM
P-16D	143.84	24.72	119.12	11:40 AM
P-17S	137.35	17.01	120.34	11:31 AM
P-17I	137.32	18.09	119.23	11:30 AM
P-17D	137.22	18.10	119.12	11:28 AM
P-18S	129.86	18.94	110.92	10:09 AM
P-19	133.38	14.81	118.55	11:10 AM
P-20	132.38	13.89	118.49	10:58 AM
P-21	122.79	4.48	118.31	10:49 AM
P-22	128.35	9.87	118.48	10:54 AM
P-23	143.13	24.27	118.88	11:04 AM
TH-19*	130.27	117.83	12.44	12:12 PM
TH-20A	131.86	10.89	121.17	1:03 PM
TH-20B	132.57	11.73	120.84	1:04 PM
TH-22	128.82	6.08	122.76	9:23 AM
TH-22A	129.27	6.67	122.80	9:22 AM
TH-24A	128.23	6.63	121.60	9:17 AM
TH-26	125.65	Dry	Dry	9:39 AM
TH-28A	131.10	28.88	102.22	9:45 AM
TH-30	128.88	24.16	104.72	9:54 AM
TH-32	129.90	15.48	114.42	10:13 AM
TH-35	145.98	29.31	116.67	11:23 AM
TH-36A	152.70	33.88	118.84	12:04 PM
TH-38A	130.68	11.23	119.45	12:55 PM
TH-38B	131.81	12.28	119.53	12:57 PM
TH-40*	124.99	115.08	9.91	9:33 AM
TH-41*	125.00	116.92	8.08	9:38 AM
TH-42*	116.74	90.92	25.82	10:18 AM
TH-57	128.36	20.28	108.10	9:41 AM
TH-58	127.88	28.36	99.52	9:49 AM
TH-61	138.73	18.42	120.31	12:35 PM
TH-61A	139.45	19.05	120.40	12:36 PM
TH-64	139.84	19.05	120.59	12:28 PM
TH-65	135.40	15.42	119.98	12:49 PM
TH-66	130.58	10.31	120.27	12:53 PM
TH-66A	130.66	10.79	119.87	12:52 PM
TH-67	129.51	7.61	121.90	1:00 PM
TH-68	140.01	16.40	123.61	12:17 PM
TH-69A	144.97	26.04	118.93	10:31 AM
TH-70A	146.63	27.61	119.02	10:38 AM
TH-71A	146.95	26.90	120.05	10:45 AM
SW-3A	3.0'=125.53'	0.00	125.53	9:28 AM
SW-3B2B	3.0'=97.97'	1.38	98.35	9:58 AM
SW-3C2	6.0'=92.33'	1.34	87.67	10:02 AM
Mine Cut #1	4.0'=122.14'	1.34	119.48	12:19 PM
Mine Cut #2	6.0'=123.47'	1.60	119.07	12:08 PM
Mine Cut #3	4.0'=112.27'	1.84	110.11	10:20 AM
Mine Cut #4	5.0'=97.54'	1.52	94.08	10:24 AM
NGVD = National Geodetic Vertical Datum				
T.O.C. = Top of Casing				
B.T.O.C. = Below Top of Casing				
* = Floridan Well				
ND = No Data				
W.L. = Water Level				



Southeast County Landfill
Groundwater Elevation Contour Diagram - January 4, 2011

ANALYTICAL REPORT

Job Number: 660-39060-1

Job Description: Southeast Landfill

For:
Hillsborough County
Solid Waste Management Department
601 East Kennedy Blvd
24th Floor County Center
Tampa, FL 33601
Attention: Mr. David S Adams



Approved for release:
Nancy Robertson
Project Manager II
1/17/2011 3:44 PM

Nancy Robertson
Project Manager II
nancy.robertson@testamericainc.com
01/17/2011

cc: Mr. Jim Clayton
Mr. Michael Townsel

Methods: FDEP, DOH Certification #: TestAmerica Tampa E84282

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.

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Job Narrative
660-39060-1

Comments

No additional comments.

Receipt

All samples were received in good condition within temperature requirements.

Metals

No analytical or quality issues were noted.

General Chemistry

Method 300.0: The matrix spike duplicate (MSD) recovery for batch 105064 was outside control limits for chloride. The associated laboratory control sample (LCS) recovery met acceptance criteria.

Method 300.0: The matrix spike (MS) recovery for batch 105181 was outside control limits for chloride. The associated laboratory control sample (LCS) recovery met acceptance criteria. The sample is flagged with J3.

Method 350.1: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 104893 were outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria. The sample is flagged with J3.

Method 350.1: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 105124 were outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria. The sample is flagged with J3.

No other analytical or quality issues were noted.

EXECUTIVE SUMMARY - Detections

Client: Hillsborough County

Job Number: 660-39060-1

Lab Sample ID Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
660-39060-1 MARAN GROVES 2					
Field pH		7.54		SU	Field Sampling
Field Temperature		25.14		Degrees C	Field Sampling
Oxygen, Dissolved		0.92		mg/L	Field Sampling
Specific Conductance		301		umhos/cm	Field Sampling
Turbidity		0.0		NTU	Field Sampling
Chloride		11	0.50	mg/L	300.0
Ammonia as N		0.17 J3	0.020	mg/L	350.1
Total Dissolved Solids		210	5.0	mg/L	SM 2540C
<i>Total Recoverable</i>					
Sodium		9.3	0.50	mg/L	6010B
660-39060-2 MARAN GROVES 6					
Field pH		7.59		SU	Field Sampling
Field Temperature		24.70		Degrees C	Field Sampling
Oxygen, Dissolved		0.94		mg/L	Field Sampling
Specific Conductance		304		umhos/cm	Field Sampling
Turbidity		0.1		NTU	Field Sampling
Chloride		11	0.50	mg/L	300.0
Ammonia as N		0.16	0.020	mg/L	350.1
Total Dissolved Solids		210	5.0	mg/L	SM 2540C
<i>Total Recoverable</i>					
Sodium		9.9	0.50	mg/L	6010B
660-39060-3 MARAN GROVES 7					
Field pH		7.66		SU	Field Sampling
Field Temperature		26.81		Degrees C	Field Sampling
Oxygen, Dissolved		0.76		mg/L	Field Sampling
Specific Conductance		327		umhos/cm	Field Sampling
Turbidity		0.2		NTU	Field Sampling
Chloride		13	0.50	mg/L	300.0
Ammonia as N		0.17	0.020	mg/L	350.1
Total Dissolved Solids		220	5.0	mg/L	SM 2540C
<i>Total Recoverable</i>					
Sodium		8.9	0.50	mg/L	6010B

EXECUTIVE SUMMARY - Detections

Client: Hillsborough County

Job Number: 660-39060-1

Lab Sample ID Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
660-39060-4	MARAN GROVES 12				
Field pH		7.66		SU	Field Sampling
Field Temperature		27.05		Degrees C	Field Sampling
Oxygen, Dissolved		0.77		mg/L	Field Sampling
Specific Conductance		378		umhos/cm	Field Sampling
Turbidity		0.2		NTU	Field Sampling
Chloride		22	0.50	mg/L	300.0
Ammonia as N		0.28	0.020	mg/L	350.1
Total Dissolved Solids		270	5.0	mg/L	SM 2540C
Total Recoverable					
Sodium		9.9	0.50	mg/L	6010B
660-39060-5	DUPLICATE				
Chloride		11	0.50	mg/L	300.0
Ammonia as N		0.18	0.020	mg/L	350.1
Total Dissolved Solids		200	5.0	mg/L	SM 2540C
Total Recoverable					
Sodium		9.4	0.50	mg/L	6010B
660-39060-6	BLANK, EQUIPMENT				
Ammonia as N		0.10	0.020	mg/L	350.1
660-39121-1	TH-28A WACS#19862				
Field pH		5.12		SU	Field Sampling
Field Temperature		25.58		Degrees C	Field Sampling
Oxygen, Dissolved		0.91		mg/L	Field Sampling
Specific Conductance		175		umhos/cm	Field Sampling
Turbidity		1.7		NTU	Field Sampling
Chloride		42	0.50	mg/L	300.0
Ammonia as N		1.4	0.020	mg/L	350.1
Total Dissolved Solids		92	5.0	mg/L	SM 2540C
Total Recoverable					
Sodium		17	0.50	mg/L	6010B

EXECUTIVE SUMMARY - Detections

Client: Hillsborough County

Job Number: 660-39060-1

Lab Sample ID Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
660-39121-2 TH-19 WACS# 821					
Field pH		7.33		SU	Field Sampling
Field Temperature		23.27		Degrees C	Field Sampling
Oxygen, Dissolved		0.94		mg/L	Field Sampling
Specific Conductance		337		umhos/cm	Field Sampling
Turbidity		0.2		NTU	Field Sampling
Chloride		8.3	0.50	mg/L	300.0
Ammonia as N		0.27	0.020	mg/L	350.1
Total Dissolved Solids		220	5.0	mg/L	SM 2540C
Total Recoverable					
Sodium		14	0.50	mg/L	6010B
660-39121-3 TH-57 WACS# 1570					
Field pH		5.08		SU	Field Sampling
Field Temperature		26.40		Degrees C	Field Sampling
Oxygen, Dissolved		0.33		mg/L	Field Sampling
Specific Conductance		143		umhos/cm	Field Sampling
Turbidity		0.4		NTU	Field Sampling
Chloride		39	0.50	mg/L	300.0
Ammonia as N		0.82	0.020	mg/L	350.1
Total Dissolved Solids		100	5.0	mg/L	SM 2540C
Total Recoverable					
Sodium		12	0.50	mg/L	6010B
660-39121-4 TH-40 WACS# 822					
Field pH		7.20		SU	Field Sampling
Field Temperature		23.23		Degrees C	Field Sampling
Oxygen, Dissolved		2.33		mg/L	Field Sampling
Specific Conductance		323		umhos/cm	Field Sampling
Turbidity		1.00		NTU	Field Sampling
Chloride		8.7	0.50	mg/L	300.0
Ammonia as N		0.27	0.020	mg/L	350.1
Total Dissolved Solids		220	5.0	mg/L	SM 2540C
Total Recoverable					
Sodium		16	0.50	mg/L	6010B

EXECUTIVE SUMMARY - Detections

Client: Hillsborough County

Job Number: 660-39060-1

Lab Sample ID Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
660-39121-5	TH-58 WACS# 1571				
Field pH		5.71		SU	Field Sampling
Field Temperature		25.81		Degrees C	Field Sampling
Oxygen, Dissolved		0.44		mg/L	Field Sampling
Specific Conductance		619		umhos/cm	Field Sampling
Turbidity		0.6		NTU	Field Sampling
Chloride		140	5.0	mg/L	300.0
Ammonia as N		0.64	0.020	mg/L	350.1
Total Dissolved Solids		440	5.0	mg/L	SM 2540C
Total Recoverable					
Sodium		29	0.50	mg/L	6010B
660-39121-6	P-18S				
Field pH		4.63		SU	Field Sampling
Field Temperature		25.85		Degrees C	Field Sampling
Oxygen, Dissolved		0.72		mg/L	Field Sampling
Specific Conductance		77		umhos/cm	Field Sampling
Turbidity		346.3		NTU	Field Sampling
Chloride		11	0.50	mg/L	300.0
Ammonia as N		0.48	0.020	mg/L	350.1
Total Dissolved Solids		100	5.0	mg/L	SM 2540C
Total Recoverable					
Sodium		7.8	0.50	mg/L	6010B
660-39121-7	DUPLICATE				
Chloride		11	0.50	mg/L	300.0
Ammonia as N		0.51	0.020	mg/L	350.1
Total Dissolved Solids		100	5.0	mg/L	SM 2540C
Total Recoverable					
Sodium		7.8	0.50	mg/L	6010B
660-39121-8	BLANK, EQUIPMENT				
Ammonia as N		0.087	0.020	mg/L	350.1
Total Recoverable					
Sodium		0.31	0.50	mg/L	6010B

EXECUTIVE SUMMARY - Detections

Client: Hillsborough County

Job Number: 660-39060-1

Lab Sample ID Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
660-39121-9	TH-42				
Field pH		7.24		SU	Field Sampling
Field Temperature		23.52		Degrees C	Field Sampling
Oxygen, Dissolved		0.81		mg/L	Field Sampling
Specific Conductance		427		umhos/cm	Field Sampling
Turbidity		234.4		NTU	Field Sampling
Chloride		18	J3 0.50	mg/L	300.0
Ammonia as N		0.16	0.020	mg/L	350.1
Total Dissolved Solids		300	5.0	mg/L	SM 2540C
Total Recoverable					
Sodium		15	0.50	mg/L	6010B
660-39128-1	SUP1				
Field pH		7.51		SU	Field Sampling
Field Temperature		21.04		Degrees C	Field Sampling
Oxygen, Dissolved		1.90		mg/L	Field Sampling
Specific Conductance		387		umhos/cm	Field Sampling
Turbidity		0.1		NTU	Field Sampling
Chloride		18	0.50	mg/L	300.0
Ammonia as N		0.18	0.020	mg/L	350.1
Total Dissolved Solids		210	5.0	mg/L	SM 2540C
Total Recoverable					
Sodium		13	0.50	mg/L	6010B
660-39128-2	SUP2				
Field pH		7.57		SU	Field Sampling
Field Temperature		24.19		Degrees C	Field Sampling
Oxygen, Dissolved		0.29		mg/L	Field Sampling
Specific Conductance		378		umhos/cm	Field Sampling
Turbidity		0.1		NTU	Field Sampling
Chloride		12	0.50	mg/L	300.0
Ammonia as N		0.16	0.020	mg/L	350.1
Total Dissolved Solids		200	5.0	mg/L	SM 2540C
Total Recoverable					
Sodium		9.2	0.50	mg/L	6010B

METHOD SUMMARY

Client: Hillsborough County

Job Number: 660-39060-1

Description	Lab Location	Method	Preparation Method
Matrix Water			
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, Ammonia	TAL TAM	MCAWW 350.1	
Solids, Total Dissolved (TDS)	TAL TAM	SM SM 2540C	
Field Sampling	TAL TAM	EPA Field Sampling	

Lab References:

TAL TAM = TestAmerica Tampa

Method References:

EPA = US Environmental Protection Agency

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: Hillsborough County

Job Number: 660-39060-1

Method	Analyst	Analyst ID
SW846 6010B	Fox, Greg	GF
EPA Field Sampling	Sampler, Field	FS
MCAWW 300.0	Steward, Tiffany	TS
MCAWW 350.1	Office, Trey	TO
SM SM 2540C	Oonnoony, Thomas	TO

SAMPLE SUMMARY

Client: Hillsborough County

Job Number: 660-39060-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
660-39060-1	Maran Groves 2	Water	01/04/2011 0950	01/04/2011 1313
660-39060-2	Maran Groves 6	Water	01/04/2011 1017	01/04/2011 1313
660-39060-3	Maran Groves 7	Water	01/04/2011 1051	01/04/2011 1313
660-39060-4	Maran Groves 12	Water	01/04/2011 1118	01/04/2011 1313
660-39060-5	Duplicate	Water	01/04/2011 0000	01/04/2011 1313
660-39060-6	Blank, Equipment	Water	01/04/2011 0930	01/04/2011 1313
660-39121-1	TH-28A WACS#19862	Water	01/06/2011 1237	01/06/2011 1455
660-39121-2	TH-19 WACS# 821	Water	01/06/2011 1007	01/06/2011 1455
660-39121-3	TH-57 WACS# 1570	Water	01/06/2011 1303	01/06/2011 1455
660-39121-4	TH-40 WACS# 822	Water	01/06/2011 1328	01/06/2011 1455
660-39121-5	TH-58 WACS# 1571	Water	01/06/2011 1143	01/06/2011 1455
660-39121-6	P-18S	Water	01/06/2011 1108	01/06/2011 1455
660-39121-7	Duplicate	Water	01/06/2011 0000	01/06/2011 1455
660-39121-8	Blank, Equipment	Water	01/06/2011 0950	01/06/2011 1455
660-39121-9	TH-42	Water	01/06/2011 1042	01/06/2011 1455
660-39128-1	Sup1	Water	01/07/2011 1057	01/07/2011 1350
660-39128-2	Sup2	Water	01/07/2011 1019	01/07/2011 1350

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Job Number: 660-39060-1

Client Sample ID: Maran Groves 2
Lab Sample ID: 660-39060-1

Date Sampled: 01/04/2011 0950
Date Received: 01/04/2011 1313
Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
Method: Total Recoverable-6010B Prep Method: 3005A Sodium	9.3	mg/L	0.31	0.50	1.0
Method: 300.0 Chloride	11	mg/L	0.20	0.50	1.0
Method: 350.1 Ammonia as N	0.17 J3	mg/L	0.010	0.020	1.0

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Job Number: 660-39060-1

Client Sample ID: Maran Groves 2
Lab Sample ID: 660-39060-1

Date Sampled: 01/04/2011 0950
Date Received: 01/04/2011 1313
Client Matrix: Water

Analyte	Result/Qualifier	Unit	NONE	NONE	Dilution
Method: Field Sampling			Date Analyzed:	01/04/2011 0950	
Field pH	7.54	SU			1.0
Field Temperature	25.14	Degrees C			1.0
Oxygen, Dissolved	0.92	mg/L			1.0
Specific Conductance	301	umhos/cm			1.0
Turbidity	0.0	NTU			1.0

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Job Number: 660-39060-1

Client Sample ID: Maran Groves 2
Lab Sample ID: 660-39060-1

Date Sampled: 01/04/2011 0950
Date Received: 01/04/2011 1313
Client Matrix: Water

Analyte	Result/Qualifier	Unit	PQL	PQL	Dilution
Method: SM 2540C			Date Analyzed:	01/06/2011 1616	
Total Dissolved Solids	210	mg/L	5.0	5.0	1.0

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Job Number: 660-39060-1

Client Sample ID: Maran Groves 6
Lab Sample ID: 660-39060-2

Date Sampled: 01/04/2011 1017
Date Received: 01/04/2011 1313
Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
Method: Total Recoverable-6010B Prep Method: 3005A Sodium	9.9	mg/L	0.31	0.50	1.0
Method: 300.0 Chloride	11	mg/L	0.20	0.50	1.0
Method: 350.1 Ammonia as N	0.16	mg/L	0.010	0.020	1.0

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Job Number: 660-39060-1

Client Sample ID: Maran Groves 6
Lab Sample ID: 660-39060-2

Date Sampled: 01/04/2011 1017
Date Received: 01/04/2011 1313
Client Matrix: Water

Analyte	Result/Qualifier	Unit	NONE	NONE	Dilution
Method: Field Sampling		Date Analyzed:	01/04/2011	1017	
Field pH	7.59	SU			1.0
Field Temperature	24.70	Degrees C			1.0
Oxygen, Dissolved	0.94	mg/L			1.0
Specific Conductance	304	umhos/cm			1.0
Turbidity	0.1	NTU			1.0

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Job Number: 660-39060-1

Client Sample ID: Maran Groves 6
Lab Sample ID: 660-39060-2

Date Sampled: 01/04/2011 1017
Date Received: 01/04/2011 1313
Client Matrix: Water

Analyte	Result/Qualifier	Unit	PQL	PQL	Dilution
Method: SM 2540C			Date Analyzed:	01/06/2011 1616	
Total Dissolved Solids	210	mg/L	5.0	5.0	1.0

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Job Number: 660-39060-1

Client Sample ID: Maran Groves 7
Lab Sample ID: 660-39060-3

Date Sampled: 01/04/2011 1051
Date Received: 01/04/2011 1313
Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
Method: Total Recoverable-6010B Prep Method: 3005A Sodium	8.9	mg/L	0.31	0.50	1.0
Method: 300.0 Chloride	13	mg/L	0.20	0.50	1.0
Method: 350.1 Ammonia as N	0.17	mg/L	0.010	0.020	1.0

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Job Number: 660-39060-1

Client Sample ID: Maran Groves 7
Lab Sample ID: 660-39060-3

Date Sampled: 01/04/2011 1051
Date Received: 01/04/2011 1313
Client Matrix: Water

Analyte	Result/Qualifier	Unit	NONE	NONE	Dilution
Method: Field Sampling		Date Analyzed:	01/04/2011	1051	
Field pH	7.66	SU			1.0
Field Temperature	26.81	Degrees C			1.0
Oxygen, Dissolved	0.76	mg/L			1.0
Specific Conductance	327	umhos/cm			1.0
Turbidity	0.2	NTU			1.0

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Job Number: 660-39060-1

Client Sample ID: Maran Groves 7
Lab Sample ID: 660-39060-3

Date Sampled: 01/04/2011 1051
Date Received: 01/04/2011 1313
Client Matrix: Water

Analyte	Result/Qualifier	Unit	PQL	PQL	Dilution
Method: SM 2540C			Date Analyzed:	01/06/2011 1617	
Total Dissolved Solids	220	mg/L	5.0	5.0	1.0

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Job Number: 660-39060-1

Client Sample ID: Maran Groves 12
Lab Sample ID: 660-39060-4

Date Sampled: 01/04/2011 1118
Date Received: 01/04/2011 1313
Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
Method: Total Recoverable-6010B Prep Method: 3005A Sodium	9.9	mg/L	0.31	0.50	1.0
Method: 300.0 Chloride	22	mg/L	0.20	0.50	1.0
Method: 350.1 Ammonia as N	0.28	mg/L	0.010	0.020	1.0

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Job Number: 660-39060-1

Client Sample ID: Maran Groves 12
Lab Sample ID: 660-39060-4

Date Sampled: 01/04/2011 1118
Date Received: 01/04/2011 1313
Client Matrix: Water

Analyte	Result/Qualifier	Unit	NONE	NONE	Dilution
Method: Field Sampling			Date Analyzed: 01/04/2011 1118		
Field pH	7.66	SU			1.0
Field Temperature	27.05	Degrees C			1.0
Oxygen, Dissolved	0.77	mg/L			1.0
Specific Conductance	378	umhos/cm			1.0
Turbidity	0.2	NTU			1.0

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Job Number: 660-39060-1

Client Sample ID: Maran Groves 12
Lab Sample ID: 660-39060-4

Date Sampled: 01/04/2011 1118
Date Received: 01/04/2011 1313
Client Matrix: Water

Analyte	Result/Qualifier	Unit	PQL	PQL	Dilution
Method: SM 2540C			Date Analyzed:	01/06/2011 1617	
Total Dissolved Solids	270	mg/L	5.0	5.0	1.0

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Job Number: 660-39060-1

Client Sample ID: Duplicate
Lab Sample ID: 660-39060-5

Date Sampled: 01/04/2011 0000
Date Received: 01/04/2011 1313
Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
Method: Total Recoverable-6010B Prep Method: 3005A Sodium	9.4	mg/L	0.31	0.50	1.0
Method: 300.0 Chloride	11	mg/L	0.20	0.50	1.0
Method: 350.1 Ammonia as N	0.18	mg/L	0.010	0.020	1.0

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Job Number: 660-39060-1

Client Sample ID: Duplicate
Lab Sample ID: 660-39060-5

Date Sampled: 01/04/2011 0000
Date Received: 01/04/2011 1313
Client Matrix: Water

Analyte	Result/Qualifier	Unit	PQL	PQL	Dilution
Method: SM 2540C			Date Analyzed:	01/06/2011 1618	
Total Dissolved Solids	200	mg/L	5.0	5.0	1.0

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Job Number: 660-39060-1

Client Sample ID: Blank, Equipment
Lab Sample ID: 660-39060-6

Date Sampled: 01/04/2011 0930
Date Received: 01/04/2011 1313
Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
Method: Total Recoverable-6010B Prep Method: 3005A Sodium	0.31 U	mg/L	0.31	0.50	1.0
Method: 300.0 Chloride	0.20 U	mg/L	0.20	0.50	1.0
Method: 350.1 Ammonia as N	0.10	mg/L	0.010	0.020	1.0

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Job Number: 660-39060-1

Client Sample ID: Blank, Equipment
Lab Sample ID: 660-39060-6

Date Sampled: 01/04/2011 0930
Date Received: 01/04/2011 1313
Client Matrix: Water

Analyte	Result/Qualifier	Unit	PQL	PQL	Dilution
Method: SM 2540C			Date Analyzed:	01/06/2011 1619	
Total Dissolved Solids	5.0 U	mg/L	5.0	5.0	1.0

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Job Number: 660-39060-1

Client Sample ID: TH-28A WACS#19862
Lab Sample ID: 660-39121-1

Date Sampled: 01/06/2011 1237
Date Received: 01/06/2011 1455
Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
Method: Total Recoverable-6010B Prep Method: 3005A Sodium	17	mg/L	0.31	0.50	1.0
Method: 300.0 Chloride	42	mg/L	0.20	0.50	1.0
Method: 350.1 Ammonia as N	1.4	mg/L	0.010	0.020	1.0

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Job Number: 660-39060-1

Client Sample ID: TH-28A WACS#19862
Lab Sample ID: 660-39121-1

Date Sampled: 01/06/2011 1237
Date Received: 01/06/2011 1455
Client Matrix: Water

Analyte	Result/Qualifier	Unit	NONE	NONE	Dilution
Method: Field Sampling			Date Analyzed:	01/06/2011 1237	
Field pH	5.12	SU			1.0
Field Temperature	25.58	Degrees C			1.0
Oxygen, Dissolved	0.91	mg/L			1.0
Specific Conductance	175	umhos/cm			1.0
Turbidity	1.7	NTU			1.0

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Job Number: 660-39060-1

Client Sample ID: TH-28A WACS#19862
Lab Sample ID: 660-39121-1

Date Sampled: 01/06/2011 1237
Date Received: 01/06/2011 1455
Client Matrix: Water

Analyte	Result/Qualifier	Unit	PQL	PQL	Dilution
Method: SM 2540C			Date Analyzed:	01/10/2011 1614	
Total Dissolved Solids	92	mg/L	5.0	5.0	1.0

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Job Number: 660-39060-1

Client Sample ID: TH-19 WACS# 821
Lab Sample ID: 660-39121-2

Date Sampled: 01/06/2011 1007
Date Received: 01/06/2011 1455
Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
Method: Total Recoverable-6010B Prep Method: 3005A Sodium	14	mg/L	0.31	0.50	1.0
Method: 300.0 Chloride	8.3	mg/L	0.20	0.50	1.0
Method: 350.1 Ammonia as N	0.27	mg/L	0.010	0.020	1.0

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Job Number: 660-39060-1

Client Sample ID: TH-19 WACS# 821
Lab Sample ID: 660-39121-2

Date Sampled: 01/06/2011 1007
Date Received: 01/06/2011 1455
Client Matrix: Water

Analyte	Result/Qualifier	Unit	NONE	NONE	Dilution
Method: Field Sampling		Date Analyzed:	01/06/2011	1007	
Field pH	7.33	SU			1.0
Field Temperature	23.27	Degrees C			1.0
Oxygen, Dissolved	0.94	mg/L			1.0
Specific Conductance	337	umhos/cm			1.0
Turbidity	0.2	NTU			1.0

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Job Number: 660-39060-1

Client Sample ID: TH-19 WACS# 821
Lab Sample ID: 660-39121-2

Date Sampled: 01/06/2011 1007
Date Received: 01/06/2011 1455
Client Matrix: Water

Analyte	Result/Qualifier	Unit	PQL	PQL	Dilution
Method: SM 2540C			Date Analyzed:	01/10/2011 1622	
Total Dissolved Solids	220	mg/L	5.0	5.0	1.0

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Job Number: 660-39060-1

Client Sample ID: TH-57 WACS# 1570
Lab Sample ID: 660-39121-3

Date Sampled: 01/06/2011 1303
Date Received: 01/06/2011 1455
Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
Method: Total Recoverable-6010B Prep Method: 3005A Sodium	12	mg/L	0.31	0.50	1.0
Method: 300.0 Chloride	39	mg/L	0.20	0.50	1.0
Method: 350.1 Ammonia as N	0.82	mg/L	0.010	0.020	1.0

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Job Number: 660-39060-1

Client Sample ID: TH-57 WACS# 1570
Lab Sample ID: 660-39121-3

Date Sampled: 01/06/2011 1303
Date Received: 01/06/2011 1455
Client Matrix: Water

Analyte	Result/Qualifier	Unit	NONE	NONE	Dilution
Method: Field Sampling			Date Analyzed:	01/06/2011 1303	
Field pH	5.08	SU			1.0
Field Temperature	26.40	Degrees C			1.0
Oxygen, Dissolved	0.33	mg/L			1.0
Specific Conductance	143	umhos/cm			1.0
Turbidity	0.4	NTU			1.0

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Job Number: 660-39060-1

Client Sample ID: TH-57 WACS# 1570
Lab Sample ID: 660-39121-3

Date Sampled: 01/06/2011 1303
Date Received: 01/06/2011 1455
Client Matrix: Water

Analyte	Result/Qualifier	Unit	PQL	PQL	Dilution
Method: SM 2540C			Date Analyzed:	01/10/2011 1622	
Total Dissolved Solids	100	mg/L	5.0	5.0	1.0

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Job Number: 660-39060-1

Client Sample ID: TH-40 WACS# 822
Lab Sample ID: 660-39121-4

Date Sampled: 01/06/2011 1328
Date Received: 01/06/2011 1455
Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
Method: Total Recoverable-6010B Prep Method: 3005A Sodium	16	mg/L	0.31	0.50	1.0
Method: 300.0 Chloride	8.7	mg/L	0.20	0.50	1.0
Method: 350.1 Ammonia as N	0.27	mg/L	0.010	0.020	1.0

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Job Number: 660-39060-1

Client Sample ID: TH-40 WACS# 822
Lab Sample ID: 660-39121-4

Date Sampled: 01/06/2011 1328
Date Received: 01/06/2011 1455
Client Matrix: Water

Analyte	Result/Qualifier	Unit	NONE	NONE	Dilution
Method: Field Sampling		Date Analyzed:	01/06/2011 1328		
Field pH	7.20	SU			1.0
Field Temperature	23.23	Degrees C			1.0
Oxygen, Dissolved	2.33	mg/L			1.0
Specific Conductance	323	umhos/cm			1.0
Turbidity	1.00	NTU			1.0

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Job Number: 660-39060-1

Client Sample ID: TH-40 WACS# 822
Lab Sample ID: 660-39121-4

Date Sampled: 01/06/2011 1328
Date Received: 01/06/2011 1455
Client Matrix: Water

Analyte	Result/Qualifier	Unit	PQL	PQL	Dilution
Method: SM 2540C			Date Analyzed:	01/10/2011 1623	
Total Dissolved Solids	220	mg/L	5.0	5.0	1.0

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Job Number: 660-39060-1

Client Sample ID: TH-58 WACS# 1571
Lab Sample ID: 660-39121-5

Date Sampled: 01/06/2011 1143
Date Received: 01/06/2011 1455
Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
Method: Total Recoverable-6010B Prep Method: 3005A Sodium	29	mg/L	0.31	0.50	1.0
Method: 300.0 Chloride	140	mg/L	2.0	5.0	10
Method: 350.1 Ammonia as N	0.64 J3	mg/L	0.010	0.020	1.0

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Job Number: 660-39060-1

Client Sample ID: TH-58 WACS# 1571
Lab Sample ID: 660-39121-5

Date Sampled: 01/06/2011 1143
Date Received: 01/06/2011 1455
Client Matrix: Water

Analyte	Result/Qualifier	Unit	NONE	NONE	Dilution
Method: Field Sampling			Date Analyzed:	01/06/2011 1143	
Field pH	5.71	SU			1.0
Field Temperature	25.81	Degrees C			1.0
Oxygen, Dissolved	0.44	mg/L			1.0
Specific Conductance	619	umhos/cm			1.0
Turbidity	0.6	NTU			1.0

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Job Number: 660-39060-1

Client Sample ID: TH-58 WACS# 1571
Lab Sample ID: 660-39121-5

Date Sampled: 01/06/2011 1143
Date Received: 01/06/2011 1455
Client Matrix: Water

Analyte	Result/Qualifier	Unit	PQL	PQL	Dilution
Method: SM 2540C			Date Analyzed:	01/10/2011 1623	
Total Dissolved Solids	440	mg/L	5.0	5.0	1.0

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Job Number: 660-39060-1

Client Sample ID: P-18S
Lab Sample ID: 660-39121-6

Date Sampled: 01/06/2011 1108
Date Received: 01/06/2011 1455
Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
Method: Total Recoverable-6010B Prep Method: 3005A Sodium	7.8	mg/L	0.31	0.50	1.0
Method: 300.0 Chloride	11	mg/L	0.20	0.50	1.0
Method: 350.1 Ammonia as N	0.48	mg/L	0.010	0.020	1.0

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Job Number: 660-39060-1

Client Sample ID: P-18S
Lab Sample ID: 660-39121-6

Date Sampled: 01/06/2011 1108
Date Received: 01/06/2011 1455
Client Matrix: Water

Analyte	Result/Qualifier	Unit	NONE	NONE	Dilution
Method: Field Sampling		Date Analyzed:	01/06/2011	1108	
Field pH	4.63	SU			1.0
Field Temperature	25.85	Degrees C			1.0
Oxygen, Dissolved	0.72	mg/L			1.0
Specific Conductance	77	umhos/cm			1.0
Turbidity	346.3	NTU			1.0

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Job Number: 660-39060-1

Client Sample ID: P-18S
Lab Sample ID: 660-39121-6

Date Sampled: 01/06/2011 1108
Date Received: 01/06/2011 1455
Client Matrix: Water

Analyte	Result/Qualifier	Unit	PQL	PQL	Dilution
Method: SM 2540C			Date Analyzed:	01/10/2011 1624	
Total Dissolved Solids	100	mg/L	5.0	5.0	1.0

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Job Number: 660-39060-1

Client Sample ID: Duplicate
Lab Sample ID: 660-39121-7

Date Sampled: 01/06/2011 0000
Date Received: 01/06/2011 1455
Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
Method: Total Recoverable-6010B Prep Method: 3005A Sodium	7.8	mg/L	0.31	0.50	1.0
Method: 300.0 Chloride	11	mg/L	0.20	0.50	1.0
Method: 350.1 Ammonia as N	0.51	mg/L	0.010	0.020	1.0

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Job Number: 660-39060-1

Client Sample ID: Duplicate
Lab Sample ID: 660-39121-7

Date Sampled: 01/06/2011 0000
Date Received: 01/06/2011 1455
Client Matrix: Water

Analyte	Result/Qualifier	Unit	PQL	PQL	Dilution
Method: SM 2540C		Date Analyzed:	01/10/2011	1624	
Total Dissolved Solids	100	mg/L	5.0	5.0	1.0

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Job Number: 660-39060-1

Client Sample ID: Blank, Equipment
Lab Sample ID: 660-39121-8

Date Sampled: 01/06/2011 0950
Date Received: 01/06/2011 1455
Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
Method: Total Recoverable-6010B			Date Analyzed: 01/11/2011 0935		
Prep Method: 3005A			Date Prepared: 01/10/2011 1103		
Sodium	0.31 I	mg/L	0.31	0.50	1.0
Method: 300.0			Date Analyzed: 01/12/2011 1256		
Chloride	0.20 U	mg/L	0.20	0.50	1.0
Method: 350.1			Date Analyzed: 01/12/2011 1146		
Ammonia as N	0.087	mg/L	0.010	0.020	1.0

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Job Number: 660-39060-1

Client Sample ID: Blank, Equipment
Lab Sample ID: 660-39121-8

Date Sampled: 01/06/2011 0950
Date Received: 01/06/2011 1455
Client Matrix: Water

Analyte	Result/Qualifier	Unit	PQL	PQL	Dilution
Method: SM 2540C			Date Analyzed:	01/10/2011 1625	
Total Dissolved Solids	5.0 U	mg/L	5.0	5.0	1.0

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Job Number: 660-39060-1

Client Sample ID: TH-42
Lab Sample ID: 660-39121-9

Date Sampled: 01/06/2011 1042
Date Received: 01/06/2011 1455
Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
Method: Total Recoverable-6010B			Date Analyzed: 01/11/2011 0938		
Prep Method: 3005A			Date Prepared: 01/10/2011 1103		
Sodium	15	mg/L	0.31	0.50	1.0
Method: 300.0			Date Analyzed: 01/12/2011 1423		
Chloride	18 J3	mg/L	0.20	0.50	1.0
Method: 350.1			Date Analyzed: 01/12/2011 1147		
Ammonia as N	0.16	mg/L	0.010	0.020	1.0

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Job Number: 660-39060-1

Client Sample ID: TH-42
Lab Sample ID: 660-39121-9

Date Sampled: 01/06/2011 1042
Date Received: 01/06/2011 1455
Client Matrix: Water

Analyte	Result/Qualifier	Unit	NONE	NONE	Dilution
Method: Field Sampling			Date Analyzed:	01/06/2011 1042	
Field pH	7.24	SU			1.0
Field Temperature	23.52	Degrees C			1.0
Oxygen, Dissolved	0.81	mg/L			1.0
Specific Conductance	427	umhos/cm			1.0
Turbidity	234.4	NTU			1.0

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Job Number: 660-39060-1

Client Sample ID: TH-42
Lab Sample ID: 660-39121-9

Date Sampled: 01/06/2011 1042
Date Received: 01/06/2011 1455
Client Matrix: Water

Analyte	Result/Qualifier	Unit	PQL	PQL	Dilution
Method: SM 2540C			Date Analyzed:	01/10/2011 1625	
Total Dissolved Solids	300	mg/L	5.0	5.0	1.0

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Job Number: 660-39060-1

Client Sample ID: Sup1
Lab Sample ID: 660-39128-1

Date Sampled: 01/07/2011 1057
Date Received: 01/07/2011 1350
Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
Method: Total Recoverable-6010B Prep Method: 3005A Sodium	13	mg/L	0.31	0.50	1.0
Method: 300.0 Chloride	18	mg/L	0.20	0.50	1.0
Method: 350.1 Ammonia as N	0.18	mg/L	0.010	0.020	1.0

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Job Number: 660-39060-1

Client Sample ID: Sup1
Lab Sample ID: 660-39128-1

Date Sampled: 01/07/2011 1057
Date Received: 01/07/2011 1350
Client Matrix: Water

Analyte	Result/Qualifier	Unit	NONE	NONE	Dilution
Method: Field Sampling			Date Analyzed:	01/07/2011 1057	
Field pH	7.51	SU			1.0
Field Temperature	21.04	Degrees C			1.0
Oxygen, Dissolved	1.90	mg/L			1.0
Specific Conductance	387	umhos/cm			1.0
Turbidity	0.1	NTU			1.0

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Job Number: 660-39060-1

Client Sample ID: Sup1
Lab Sample ID: 660-39128-1

Date Sampled: 01/07/2011 1057
Date Received: 01/07/2011 1350
Client Matrix: Water

Analyte	Result/Qualifier	Unit	PQL	PQL	Dilution
Method: SM 2540C			Date Analyzed:	01/10/2011 1626	
Total Dissolved Solids	210	mg/L	5.0	5.0	1.0

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Job Number: 660-39060-1

Client Sample ID: Sup2
Lab Sample ID: 660-39128-2

Date Sampled: 01/07/2011 1019
Date Received: 01/07/2011 1350
Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
Method: Total Recoverable-6010B					
Prep Method: 3005A					
Sodium	9.2	mg/L	0.31	0.50	1.0
Method: 300.0					
Chloride	12	mg/L	0.20	0.50	1.0
Method: 350.1					
Ammonia as N	0.16	mg/L	0.010	0.020	1.0

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Job Number: 660-39060-1

Client Sample ID: Sup2
Lab Sample ID: 660-39128-2

Date Sampled: 01/07/2011 1019
Date Received: 01/07/2011 1350
Client Matrix: Water

Analyte	Result/Qualifier	Unit	NONE	NONE	Dilution
Method: Field Sampling		Date Analyzed:	01/07/2011	1019	
Field pH	7.57	SU			1.0
Field Temperature	24.19	Degrees C			1.0
Oxygen, Dissolved	0.29	mg/L			1.0
Specific Conductance	378	umhos/cm			1.0
Turbidity	0.1	NTU			1.0

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Job Number: 660-39060-1

Client Sample ID: Sup2
Lab Sample ID: 660-39128-2

Date Sampled: 01/07/2011 1019
Date Received: 01/07/2011 1350
Client Matrix: Water

Analyte	Result/Qualifier	Unit	PQL	PQL	Dilution
Method: SM 2540C			Date Analyzed:	01/10/2011 1626	
Total Dissolved Solids	200	mg/L	5.0	5.0	1.0

DATA REPORTING QUALIFIERS

Client: Hillsborough County

Job Number: 660-39060-1

Lab Section	Qualifier	Description
Metals		
	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.

Quality Control Results

Client: Hillsborough County

Job Number: 660-39060-1

Method Blank - Batch: 660-104825

Lab Sample ID: MB 660-104825/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 01/05/2011 1310
Date Prepared: 01/05/2011 0800

Analysis Batch: 660-104872
Prep Batch: 660-104825
Units: mg/L

Method: 6010B
Preparation: 3005A
Total Recoverable

Instrument ID: ICPC
Lab File ID: 11A05C3.asc
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result	Qual	MDL	PQL
Sodium	0.31	U	0.31	0.50

Lab Control Sample - Batch: 660-104825

Lab Sample ID: LCS 660-104825/2-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 01/05/2011 1313
Date Prepared: 01/05/2011 0800

Analysis Batch: 660-104872
Prep Batch: 660-104825
Units: mg/L

Method: 6010B
Preparation: 3005A
Total Recoverable

Instrument ID: ICPC
Lab File ID: 11A05C3.asc
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Sodium	10.0	10.3	103	75 - 125	

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 660-104825

Method: 6010B
Preparation: 3005A
Total Recoverable

MS Lab Sample ID: 660-39060-1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 01/05/2011 1324
Date Prepared: 01/05/2011 0800

Analysis Batch: 660-104872
Prep Batch: 660-104825

Instrument ID: ICPC
Lab File ID: 11A05C3.asc
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

MSD Lab Sample ID: 660-39060-1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 01/05/2011 1327
Date Prepared: 01/05/2011 0800

Analysis Batch: 660-104872
Prep Batch: 660-104825

Instrument ID: ICPC
Lab File ID: 11A05C3.asc
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Sodium	105	87	75 - 125	10	20		

Quality Control Results

Client: Hillsborough County

Job Number: 660-39060-1

Method Blank - Batch: 660-105003

Lab Sample ID: MB 660-105003/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 01/11/2011 0829
Date Prepared: 01/10/2011 1103

Analysis Batch: 660-105057
Prep Batch: 660-105003
Units: mg/L

Method: 6010B
Preparation: 3005A
Total Recoverable

Instrument ID: ICPC
Lab File ID: 11A11C.asc
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result	Qual	MDL	PQL
Sodium	0.31	U	0.31	0.50

Lab Control Sample - Batch: 660-105003

Lab Sample ID: LCS 660-105003/2-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 01/11/2011 0832
Date Prepared: 01/10/2011 1103

Analysis Batch: 660-105057
Prep Batch: 660-105003
Units: mg/L

Method: 6010B
Preparation: 3005A
Total Recoverable

Instrument ID: ICPC
Lab File ID: 11A11C.asc
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Sodium	10.0	10.2	102	75 - 125	

Matrix Spike/

Matrix Spike Duplicate Recovery Report - Batch: 660-105003

MS Lab Sample ID: 660-39129-C-3-B MS
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 01/11/2011 0843
Date Prepared: 01/10/2011 1103

Analysis Batch: 660-105057
Prep Batch: 660-105003

Method: 6010B
Preparation: 3005A
Total Recoverable

Instrument ID: ICPC
Lab File ID: 11A11C.asc
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

MSD Lab Sample ID: 660-39129-C-3-C MSD
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 01/11/2011 0846
Date Prepared: 01/10/2011 1103

Analysis Batch: 660-105057
Prep Batch: 660-105003

Instrument ID: ICPC
Lab File ID: 11A11C.asc
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Sodium	102	103	75 - 125	1	20		

Quality Control Results

Client: Hillsborough County

Job Number: 660-39060-1

Method Blank - Batch: 660-104969

Method: 300.0
Preparation: N/A

Lab Sample ID: MB 660-104969/5
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 01/07/2011 0932
Date Prepared: N/A

Analysis Batch: 660-104969
Prep Batch: N/A
Units: mg/L

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

Analyte	Result	Qual	MDL	PQL
Chloride	0.20	U	0.20	0.50

Lab Control Sample - Batch: 660-104969

Method: 300.0
Preparation: N/A

Lab Sample ID: LCS 660-104969/6
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 01/07/2011 0944
Date Prepared: N/A

Analysis Batch: 660-104969
Prep Batch: N/A
Units: mg/L

Instrument ID: DIONEX 1
Lab File ID: 13.0000.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

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

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 660-104969

Method: 300.0
Preparation: N/A

MS Lab Sample ID: 660-39060-2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 01/07/2011 1346
Date Prepared: N/A

Analysis Batch: 660-104969
Prep Batch: N/A

Instrument ID: DIONEX 1
Lab File ID: 34.0000.d
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL
1 uL

MSD Lab Sample ID: 660-39060-2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 01/07/2011 1357
Date Prepared: N/A

Analysis Batch: 660-104969
Prep Batch: N/A

Instrument ID: DIONEX 1
Lab File ID: 35.0000.d
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL
1 uL

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Chloride	102	98	90 - 110	2	30		

Quality Control Results

Client: Hillsborough County

Job Number: 660-39060-1

Method Blank - Batch: 660-105064

Method: 300.0
Preparation: N/A

Lab Sample ID: MB 660-105064/10
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 01/11/2011 1112
Date Prepared: N/A

Analysis Batch: 660-105064
Prep Batch: N/A
Units: mg/L

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

Analyte	Result	Qual	MDL	PQL
Chloride	0.20	U	0.20	0.50

Lab Control Sample - Batch: 660-105064

Method: 300.0
Preparation: N/A

Lab Sample ID: LCS 660-105064/11
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 01/11/2011 1123
Date Prepared: N/A

Analysis Batch: 660-105064
Prep Batch: N/A
Units: mg/L

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

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Chloride	10.0	10.7	107	90 - 110	

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 660-105064

Method: 300.0
Preparation: N/A

MS Lab Sample ID: 660-39078-P-4 MS
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 01/11/2011 1330
Date Prepared: N/A

Analysis Batch: 660-105064
Prep Batch: N/A

Instrument ID: DIONEX 1
Lab File ID: 22.0000.d
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL
1 uL

MSD Lab Sample ID: 660-39078-P-4 MSD
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 01/11/2011 1341
Date Prepared: N/A

Analysis Batch: 660-105064
Prep Batch: N/A

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

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Chloride	105	113	90 - 110	2	30		J3

Quality Control Results

Client: Hillsborough County

Job Number: 660-39060-1

Method Blank - Batch: 660-105181

Method: 300.0
Preparation: N/A

Lab Sample ID: MB 660-105181/10
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 01/12/2011 1050
Date Prepared: N/A

Analysis Batch: 660-105181
Prep Batch: N/A
Units: mg/L

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

Analyte	Result	Qual	MDL	PQL
Chloride	0.20	U	0.20	0.50

Lab Control Sample - Batch: 660-105181

Method: 300.0
Preparation: N/A

Lab Sample ID: LCS 660-105181/11
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 01/12/2011 1101
Date Prepared: N/A

Analysis Batch: 660-105181
Prep Batch: N/A
Units: mg/L

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

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Chloride	10.0	10.6	106	90 - 110	

Quality Control Results

Client: Hillsborough County

Job Number: 660-39060-1

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 660-105181**

**Method: 300.0
Preparation: N/A**

MS Lab Sample ID: 660-39121-4
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 01/12/2011 1308
Date Prepared: N/A

Analysis Batch: 660-105181
Prep Batch: N/A

Instrument ID: DIONEX 1
Lab File ID: 22.0000.d
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL
1 uL

MSD Lab Sample ID: 660-39121-4
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 01/12/2011 1319
Date Prepared: N/A

Analysis Batch: 660-105181
Prep Batch: N/A

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

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Chloride	98	105	90 - 110	4	30		

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 660-105181**

**Method: 300.0
Preparation: N/A**

MS Lab Sample ID: 660-39121-9
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 01/12/2011 1618
Date Prepared: N/A

Analysis Batch: 660-105181
Prep Batch: N/A

Instrument ID: DIONEX 1
Lab File ID: 36.0000.d
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL
1 uL

MSD Lab Sample ID: 660-39121-9
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 01/12/2011 1630
Date Prepared: N/A

Analysis Batch: 660-105181
Prep Batch: N/A

Instrument ID: DIONEX 1
Lab File ID: 37.0000.d
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL
1 uL

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Chloride	89	102	90 - 110	5	30	J3	

Quality Control Results

Client: Hillsborough County

Job Number: 660-39060-1

Method Blank - Batch: 660-104893

Method: 350.1
Preparation: N/A

Lab Sample ID: MB 660-104893/11
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 01/06/2011 1031
Date Prepared: N/A

Analysis Batch: 660-104893
Prep Batch: N/A
Units: mg/L

Instrument ID: LACHAT
Lab File ID: 01.06.11.NH3.txt
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

Analyte	Result	Qual	MDL	PQL
Ammonia as N	0.010	U	0.010	0.020

Lab Control Sample - Batch: 660-104893

Method: 350.1
Preparation: N/A

Lab Sample ID: LCS 660-104893/12
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 01/06/2011 1032
Date Prepared: N/A

Analysis Batch: 660-104893
Prep Batch: N/A
Units: mg/L

Instrument ID: LACHAT
Lab File ID: 01.06.11.NH3.txt
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Ammonia as N	0.500	0.491	98	90 - 110	

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 660-104893

Method: 350.1
Preparation: N/A

MS Lab Sample ID: 660-39060-1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 01/06/2011 1051
Date Prepared: N/A

Analysis Batch: 660-104893
Prep Batch: N/A

Instrument ID: LACHAT
Lab File ID: 01.06.11.NH3.txt
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

MSD Lab Sample ID: 660-39060-1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 01/06/2011 1052
Date Prepared: N/A

Analysis Batch: 660-104893
Prep Batch: N/A

Instrument ID: LACHAT
Lab File ID: 01.06.11.NH3.txt
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Ammonia as N	86	87	90 - 110	1	30	J3	J3

Quality Control Results

Client: Hillsborough County

Job Number: 660-39060-1

Method Blank - Batch: 660-105124

Method: 350.1
Preparation: N/A

Lab Sample ID: MB 660-105124/11
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 01/12/2011 1121
Date Prepared: N/A

Analysis Batch: 660-105124
Prep Batch: N/A
Units: mg/L

Instrument ID: LACHAT
Lab File ID: 01.12.11.NH3.txt
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

Analyte	Result	Qual	MDL	PQL
Ammonia as N	0.010	U	0.010	0.020

Lab Control Sample - Batch: 660-105124

Method: 350.1
Preparation: N/A

Lab Sample ID: LCS 660-105124/12
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 01/12/2011 1122
Date Prepared: N/A

Analysis Batch: 660-105124
Prep Batch: N/A
Units: mg/L

Instrument ID: LACHAT
Lab File ID: 01.12.11.NH3.txt
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Ammonia as N	0.500	0.540	108	90 - 110	

Matrix Spike/

Matrix Spike Duplicate Recovery Report - Batch: 660-105124

Method: 350.1
Preparation: N/A

MS Lab Sample ID: 660-39121-5
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 01/12/2011 1141
Date Prepared: N/A

Analysis Batch: 660-105124
Prep Batch: N/A

Instrument ID: LACHAT
Lab File ID: 01.12.11.NH3.txt
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

MSD Lab Sample ID: 660-39121-5
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 01/12/2011 1142
Date Prepared: N/A

Analysis Batch: 660-105124
Prep Batch: N/A

Instrument ID: LACHAT
Lab File ID: 01.12.11.NH3.txt
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Ammonia as N	68	68	90 - 110	0	30	J3	J3

Quality Control Results

Client: Hillsborough County

Job Number: 660-39060-1

Method Blank - Batch: 660-104916

Method: SM 2540C

Preparation: N/A

Lab Sample ID: MB 660-104916/1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 01/06/2011 1613
Date Prepared: N/A

Analysis Batch: 660-104916
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: 660-104916

Method: SM 2540C

Preparation: N/A

Lab Sample ID: LCS 660-104916/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 01/06/2011 1614
Date Prepared: N/A

Analysis Batch: 660-104916
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	9880	99	80 - 120	

Duplicate - Batch: 660-104916

Method: SM 2540C

Preparation: N/A

Lab Sample ID: 660-39049-B-1 DU
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 01/06/2011 1615
Date Prepared: N/A

Analysis Batch: 660-104916
Prep Batch: N/A
Units: mg/L

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

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Total Dissolved Solids	850	840	0.9	20	

Quality Control Results

Client: Hillsborough County

Job Number: 660-39060-1

Method Blank - Batch: 660-105037

Method: SM 2540C

Preparation: N/A

Lab Sample ID: MB 660-105037/1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 01/10/2011 1613
Date Prepared: N/A

Analysis Batch: 660-105037
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: 660-105037

Method: SM 2540C

Preparation: N/A

Lab Sample ID: LCS 660-105037/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 01/10/2011 1613
Date Prepared: N/A

Analysis Batch: 660-105037
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	9860	99	80 - 120	

Duplicate - Batch: 660-105037

Method: SM 2540C

Preparation: N/A

Lab Sample ID: 660-39121-1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 01/10/2011 1621
Date Prepared: N/A

Analysis Batch: 660-105037
Prep Batch: N/A
Units: mg/L

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

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Total Dissolved Solids	92	98.0	6	20	

660-39060

HILLSBOROUGH COUNTY DEPT. OF SOLID WASTE COC SHEET
SOUTHEAST LANDFILL WELL MONITORING PROGRAM

PRECLEANED SAMPLE CONTAINERS:

RELINQUISHED BY: [Signature] REP. OF CONTRACT LAB. 4/3/10 1630
 ACCEPTED BY: [Signature] REP. OF SOLID WASTE DEPT. 1-3-11 12:00
 LOCATION: Marin Groves 2 SAMPLE MATRIX: WATER OTHER MATRIX:
 PERSONAL ENGAGED IN SAMPLE COLLECTION ☐ A. Balloon ☐ 7C ☐

WELL DIAMETER: 12.0 INCH:
 TOTAL DEPTH OF WELL: 300.00 Ft. PURGE STARTED: 1-4-11 9:34A
 DEPTH TO WATER: Ft. PURGE RATE: 1714 GPM.
 LENGTH OF WATER COL: 300.00 Ft. DATE | TIME
 VOLUME TO PURGE: 1764 Gal. PURGE ENDED: 1-4-11 9:50
 ACT. VOL. PURGED: 24,000 GAL.

FIELD PARAMETERS:

BY	TIME	TEMP	COND	PH	DO	TURB
JC	9:44	25.13	301	7.53	0.93	0.2
JC	9:47	25.14	301	7.54	0.92	0.2
JC	9:50	25.14	301	7.54	0.92	0.0

SAMPLE CONTAINERS

QTY	CONTAINER DESCRIPTION	QTY	CONTAINER DESCRIPTION	PRESERVED
	40 ml VIAL		40 ml VIAL	
/	125 ml. PLASTIC		125 ml. PLASTIC	
	125 ml GLASS		125 ml GLASS	
	250 ml. PLASTIC	P	250 ml. PLASTIC	
	250 ml. GLASS		250 ml. GLASS	
/	500 ml. PLASTIC		500 ml. PLASTIC	
	500 ml. GLASS		500 ml. GLASS	
	LITER PLASTIC		LITER PLASTIC	
	LITER GLASS		LITER GLASS	
	BACTERIAL		BACTERIAL	

4 TOTAL No. OF SAMPLES COLLECTED:

COLLECTED
 DATE | TIME
1-4-11 9:50A

ANALYSIS REQUESTED:

AMMONIA-NITROGEN CHLORIDE SODIUM TDS

PRESERVED SAMPLES PH < 2.0 4BS SAMPLE STORAGE: COOLER & ICE TO 4.0 C

ABOVE LISTED SAMPLES: [Signature] DATE | TIME
 RELINQUISHED BY: [Signature] REP. OF SOLID WASTE DEPT. 1-4-11 1:13P
 ACCEPTED BY: [Signature] REP. OF CONTRACT LAB. 1-4-11 1:13P

COMMENT'S: W040029

**HILLSBOROUGH COUNTY DEPT. OF SOLID WASTE, COC SHEET
SOUTHEAST LANDFILL WELL MONITORING PROGRAM**

PRECLEANED SAMPLE CONTAINERS:

RELINQUISHED BY: [Signature]

REP. OF CONTRACT LAB.

DATE | TIME

12/30/10 | 1630

ACCEPTED BY:

[Signature]

REP. OF SOLID WASTE DEPT. 1-3-11 | 12:00

LOCATION: Marin Groves 6

SAMPLE MATRIX: WATER OTHER MATRIX:

PERSONAL ENGAGED IN SAMPLE COLLECTION

☒ A. Balloon ☒ TC ☐

WELL DIAMETER: 12.0 INCH:

TOTAL DEPTH OF WELL: 300.00 Ft.

DEPTH TO WATER: Ft.

LENGTH OF WATER COL: 300.00 Ft.

VOLUME TO PURGE: 1744 Gal.

PURGE STARTED:

PURGE RATE:

PURGE ENDED:

ACT. VOL. PURGED:

DATE | TIME

1-4-11 | 10:07

700 GPM.

DATE | TIME

1-4-11 | 10:17

7000 GAL.

FIELD PARAMETERS:

BY	TIME	TEMP	COND	PH	DO	TURB
SC	10:11A	24.68	303	7.51	0.95	0.3 =
SC	10:14A	24.70	305	7.57	0.94	0.2
SC	10:17A	24.70	304	7.59	0.94	0.1

SAMPLE CONTAINERS

QTY	CONTAINER DESCRIPTION	QTY	CONTAINER DESCRIPTION	PRESERVED
	40 ml VIAL		40 ml VIAL	
1	125 ml. PLASTIC		125 ml. PLASTIC	
	125 ml GLASS		125 ml GLASS	
	250 ml. PLASTIC	2	250 ml. PLASTIC	
	250 ml. GLASS		250 ml. GLASS	
1	500 ml. PLASTIC		500 ml. PLASTIC	
	500 ml. GLASS		500 ml. GLASS	
	LITER PLASTIC		LITER PLASTIC	
	LITER GLASS		LITER GLASS	
	BACTERIAL		BACTERIAL	

4

TOTAL No. OF SAMPLES COLLECTED:

COLLECTED

DATE | TIME

1-4-11 | 10:17

ANALYSIS REQUESTED:

AMMONIA-NITROGEN CHLORIDE SODIUM TDS

PRESERVED SAMPLES PH < 2.0 YES SAMPLE STORAGE: COOLER & ICE TO 4.0 c

ABOVE LISTED SAMPLES:

RELINQUISHED BY:

ACCEPTED BY:

[Signature]

REP. OF SOLID WASTE DEPT.

REP. OF CONTRACT LAB.

DATE | TIME

1-4-11 | 11:18P

1-4-11 | 11:18P

COMMENT'S:

W0#0029

**HILLSBOROUGH COUNTY DEPT. OF SOLID WASTE COC SHEET
SOUTHEAST LANDFILL WELL MONITORING PROGRAM**

PRECLEANED SAMPLE CONTAINERS:

DATE | TIME

RELINQUISHED BY: [Signature] REP. OF CONTRACT LAB.

12/2/10 | 1630

ACCEPTED BY: [Signature] REP. OF SOLID WASTE DEPT.

1-3-11 | 12:00

LOCATION: Marin Groves 7

SAMPLE MATRIX: WATER OTHER MATRIX:

PERSONAL ENGAGED IN SAMPLE COLLECTION

B.A. Balloon ☒ VC ☐

WELL DIAMETER: 12.0 INCH:

TOTAL DEPTH OF WELL: 300.00 Ft.

DEPTH TO WATER: Ft.

LENGTH OF WATER COL: 300.00 Ft.

VOLUME TO PURGE: 1744 Gal.

PURGE STARTED: 1-4-11 | 10:38A

PURGE RATE: 844 GPM.

PURGE ENDED: 1-4-11 | 10:51A

ACT. VOL. PURGED: 11000 GAL.

FIELD PARAMETERS:

BY	TIME	TEMP	COND	PH	DO	TURB
JC	10:45A	26.80	327	7.49	0.74	0.2
JC	10:48A	26.81	327	7.44	0.76	0.2
JC	10:51A	29.81	327	7.44	0.74	0.2

SAMPLE CONTAINERS

QTY	CONTAINER DESCRIPTION	QTY	CONTAINER DESCRIPTION	PRESERVED
	40 ml VIAL		40 ml VIAL	
1	125 ml. PLASTIC		125 ml. PLASTIC	
	125 ml GLASS		125 ml GLASS	
	250 ml. PLASTIC	2	250 ml. PLASTIC	
	250 ml. GLASS		250 ml. GLASS	
1	500 ml. PLASTIC		500 ml. PLASTIC	
	500 ml. GLASS		500 ml. GLASS	
	LITER PLASTIC		LITER PLASTIC	
	LITER GLASS		LITER GLASS	
	BACTERIAL		BACTERIAL	

4 TOTAL No. OF SAMPLES COLLECTED:

COLLECTED
DATE | TIME
1-4-11 | 10:51A

ANALYSIS REQUESTED:

AMMONIA-NITROGEN CHLORIDE SODIUM TDS

PRESERVED SAMPLES PH < 2.0 YES SAMPLE STORAGE: COOLER & ICE TO 4.0 C

ABOVE LISTED SAMPLES: [Signature] REP. OF SOLID WASTE DEPT. 1-4-11 | 1:13P

ACCEPTED BY: [Signature] REP. OF CONTRACT LAB. 1-4-11 | 1:13P

COMMENT'S: [Signature] W04729

**HILLSBOROUGH COUNTY DEPT. OF SOLID WASTE COC SHEET
SOUTHEAST LANDFILL WELL MONITORING PROGRAM**

PRECLEANED SAMPLE CONTAINERS:

DATE | TIME

RELINQUISHED BY: [Signature] REP. OF CONTRACT LAB. 12/30/10 | 1630

ACCEPTED BY: [Signature] REP. OF SOLID WASTE DEPT. 1-3-11 | 12:00

LOCATION: Marin Groves 12

SAMPLE MATRIX: WATER OTHER MATRIX:

PERSONAL ENGAGED IN SAMPLE COLLECTION

E.A. Balloon ☒ JC ☐

WELL DIAMETER: 12.0 INCH:

TOTAL DEPTH OF WELL: 300.00 Ft.

DEPTH TO WATER: Ft.

LENGTH OF WATER COL: 300.00 Ft.

VOLUME TO PURGE: 1744 Gal.

PURGE STARTED:

PURGE RATE:

PURGE ENDED:

ACT. VOL. PURGED:

DATE | TIME

1.4.11 | 11:08A

1000 GPM.

DATE | TIME

1.4.11 | 11:18A

1444 GAL.

10000

FIELD PARAMETERS:

BY	TIME	TEMP	COND	PH	DO	TURB
JC	11:12A	29.07	379	7.47	0.77	0.1
JC	11:15A	29.05	378	7.46	0.77	0.2
JC	11:18A	29.05	378	7.44	0.77	0.2

SAMPLE CONTAINERS

QTY	CONTAINER DESCRIPTION	QTY	CONTAINER DESCRIPTION	PRESERVED
	40 ml VIAL		40 ml VIAL	
1	125 ml. PLASTIC		125 ml. PLASTIC	
	125 ml GLASS		125 ml GLASS	
	250 ml. PLASTIC	2	250 ml. PLASTIC	
	250 ml. GLASS		250 ml. GLASS	
1	500 ml. PLASTIC		500 ml. PLASTIC	
	500 ml. GLASS		500 ml. GLASS	
	LITER PLASTIC		LITER PLASTIC	
	LITER GLASS		LITER GLASS	
	BACTERIAL		BACTERIAL	

4

TOTAL No. OF SAMPLES COLLECTED:

COLLECTED

DATE | TIME

1-4-11 | 11:18A

ANALYSIS REQUESTED:

AMMONIA-NITROGEN CHLORIDE SODIUM TDS

PRESERVED SAMPLES PH < 2.0 YES SAMPLE STORAGE: COOLER & ICE TO 4.0 c

ABOVE LISTED SAMPLES:

RELINQUISHED BY: [Signature]

ACCEPTED BY: [Signature]

REP. OF SOLID WASTE DEPT.

REP. OF CONTRACT LAB.

DATE | TIME

1-4-11 | 11:13P

1-4-11 | 11:13P

COMMENT'S: DW#0029

HILLSBOROUGH COUNTY DEPT. OF SOLID WASTE COC SHEET
SOUTHEAST LANDFILL WELL MONITORING PROGRAM
MONITORING WELLS DUPLICATE SAMPLE

PRECLEANED SAMPLE CONTAINERS:

RELINQUISHED BY: [Signature]

REP. OF CONTRACT LAB.

DATE | TIME

12/30/10 | 1630

ACCEPTED BY:

[Signature]

REP. OF SOLID WASTE DEPT. 1-3-11 | 12:00

LOCATION: DUPLICATE

SAMPLE MATRIX: WATER OTHER MATRIX:

PERSONAL ENGAGED IN SAMPLE COLLECTION : ☒ A. Balloon ☒ JC ☐

FIELD PARAMETERS: N/A

SAMPLE CONTAINERS

QTY	CONTAINER DESCRIPTION	QTY	CONTAINER DESCRIPTION	PRESERVED
	40 ml VIAL		40 ml VIAL	
1	125 ml. PLASTIC		125 ml. PLASTIC	
	125 ml. GLASS		125 ml. GLASS	
	250 ml. PLASTIC	2	250 ml. PLASTIC	
	250 ml. GLASS		250 ml. GLASS	
1	500 ml. PLASTIC		500 ml. PLASTIC	
	500 ml. GLASS		500 ml. GLASS	
	LITER PLASTIC		LITER PLASTIC	
	LITER GLASS		LITER GLASS	
	BACTERIAL		BACTERIAL	

4 TOTAL No. OF SAMPLES COLLECTED:

COLLECTED

DATE | TIME

1-4-11 |

ANALYSIS REQUESTED:

AMMONIA-NITROGEN CHLORIDE SODIUM TDS

PRESERVED SAMPLES PH < 2.0 YES SAMPLE STORAGE: COOLER & ICE TO 4.0 c

ABOVE LISTED SAMPLES:

RELINQUISHED BY:

[Signature]

REP. OF SOLID WASTE DEPT.

DATE | TIME

1-4-11 | 11:13P

ACCEPTED BY:

[Signature]

REP. OF CONTRACT LAB.

1-4-11 | 11:13P

COMMENTS:

W040029

5.6° cu-07

**HILLSBOROUGH COUNTY DEPT. OF SOLID WASTE COC SHEET
SOUTHEAST LANDFILL WELL MONITORING PROGRAM
MONITORING WELLS BLANK, EQUIPMENT**

PRECLEANED SAMPLE CONTAINERS:

RELINQUISHED BY: [Signature]

REP. OF CONTRACT LAB.

DATE | TIME

12/2/10 | 1630

ACCEPTED BY: [Signature]

REP. OF SOLID WASTE DEPT. 1-3-11 | 12:00

LOCATION: BLANK, EQUIPMENT

SAMPLE MATRIX: WATER OTHER MATRIX:

PERSONAL ENGAGED IN SAMPLE COLLECTION

☒ A. Balloon ☒ JC ☐

FIELD PARAMETERS: N/A

SAMPLE CONTAINERS

QTY	CONTAINER DESCRIPTION	QTY	CONTAINER DESCRIPTION	PRESERVED
	40 ml VIAL		40 ml VIAL	
1	125 ml. PLASTIC		125 ml. PLASTIC	
	125 ml GLASS		125 ml GLASS	
	250 ml. PLASTIC	2	250 ml. PLASTIC	
	250 ml. GLASS		250 ml. GLASS	
1	500 ml. PLASTIC		500 ml. PLASTIC	
	500 ml. GLASS		500 ml. GLASS	
	LITER PLASTIC		LITER PLASTIC	
	LITER GLASS		LITER GLASS	
	BACTERIAL		BACTERIAL	

4 TOTAL No. OF SAMPLES COLLECTED:

COLLECTED

DATE | TIME

1-4-11 | 9:30A

ANALYSIS REQUESTED:

AMMONIA-NITROGEN CHLORIDE SODIUM TDS

PRESERVED SAMPLES PH < 2.0 YES

SAMPLE STORAGE: COOLER & ICE TO 4.0 c

ABOVE LISTED SAMPLES:

RELINQUISHED BY: [Signature]

REP. OF SOLID WASTE DEPT.

DATE | TIME

1-4-11 | 1:18P

ACCEPTED BY: [Signature]

REP. OF CONTRACT LAB.

1-4-11 | 1:18P

COMMENT'S: W070029

5.6°c CU-07

660-39121

**HILLSBOROUGH COUNTY DEPT. OF SOLID WASTE COC SHEET
SOUTHEAST LANDFILL WELL MONITORING PROGRAM**

PRECLEANED SAMPLE CONTAINERS:RELINQUISHED BY: [Signature] REP. OF CONTRACT LAB.

DATE | TIME

1-6-10 | 1630ACCEPTED BY: [Signature]REP. OF SOLID WASTE DEPT. 1-3-11 | 12:00LOCATION: **TH-28A WACS# 19862**SAMPLE MATRIX: WATER OTHER MATRIX:

PERSONAL ENGAGED IN SAMPLE COLLECTION

☐ A. Balloon ☒ 7C ☐WELL DIAMETER: 2.0 INCH:TOTAL DEPTH OF WELL: 34.30 Ft.DEPTH TO WATER: 28.55 Ft.LENGTH OF WATER COL: 5.75 Ft.VOLUME TO PURGE: 0.92 Gal.

PURGE STARTED:

DATE | TIME

1-6-11 | 12:17P

PURGE RATE:

0.25 GPM.

DATE | TIME

PURGE ENDED:

1-6-11 | 12:39P

ACT. VOL. PURGED:

5.50 GAL.**FIELD PARAMETERS:**Draw Down 28.82

BY	TIME	TEMP	COND	PH	DO	TURB
<u>JC</u>	<u>12:33P</u>	<u>25.59</u>	<u>175</u>	<u>5.12</u>	<u>0.91</u>	<u>1.9</u>
<u>JC</u>	<u>12:34P</u>	<u>25.59</u>	<u>175</u>	<u>5.11</u>	<u>0.91</u>	<u>1.7</u>
<u>JC</u>	<u>12:39P</u>	<u>23.54</u>	<u>175</u>	<u>5.12</u>	<u>0.91</u>	<u>1.7</u>

SAMPLE CONTAINERS

QTY	CONTAINER DESCRIPTION	QTY	CONTAINER DESCRIPTION	PRESERVED
	40 ml VIAL		40 ml VIAL	
<u>1</u>	125 ml. PLASTIC		125 ml. PLASTIC	
	125 ml GLASS		125 ml GLASS	
	250 ml. PLASTIC	<u>2</u>	250 ml. PLASTIC	
	250 ml. GLASS		250 ml. GLASS	
<u>1</u>	500 ml. PLASTIC		500 ml. PLASTIC	
	500 ml. GLASS		500 ml. GLASS	
	LITER PLASTIC		LITER PLASTIC	
	LITER GLASS		LITER GLASS	
	BACTERIAL		BACTERIAL	

4 TOTAL No. OF SAMPLES COLLECTED:

COLLECTED

DATE | TIME

1-6-11 | 12:39P**ANALYSIS REQUESTED:****AMMONIA-NITROGEN CHLORIDE SODIUM TDS**

PRESERVED SAMPLES PH < 2.0

SAMPLE STORAGE: COOLER & ICE TO 4.0 c

ABOVE LISTED SAMPLES:

RELINQUISHED BY: [Signature]REP. OF SOLID WASTE DEPT. 1-6-11 | 2:55PACCEPTED BY: [Signature]REP. OF CONTRACT LAB. 1-6-11 | 2:55PCOMMENT'S: W0# 0029

**HILLSBOROUGH COUNTY DEPT. OF SOLID WASTE COC SHEET
SOUTHEAST LANDFILL WELL MONITORING PROGRAM**

PRECLEANED SAMPLE CONTAINERS:

RELINQUISHED BY: [Signature] REP. OF CONTRACT LAB.

ACCEPTED BY: [Signature] REP. OF SOLID WASTE DEPT. 1-3-11 12:00

LOCATION: TH-19 WACS# 821

SAMPLE MATRIX: WATER OTHER MATRIX:

PERSONAL ENGAGED IN SAMPLE COLLECTION BA.Balloon JC ☐

WELL DIAMETER: 2.0 INCH:
TOTAL DEPTH OF WELL: 153.60 Ft.
DEPTH TO WATER: 117.20 Ft.
LENGTH OF WATER COL: 36.40 Ft.
VOLUME TO PURGE: 5.82 Gal.

PURGE STARTED: 1-6-11 9:55A
PURGE RATE: 1.00 GPM.
PURGE ENDED: 1-6-11 10:07A
ACT. VOL. PURGED: 12.0 GAL.

FIELD PARAMETERS:

Draw Down 117.50

BY	TIME	TEMP	COND	PH	DO	TURB
JC	10:01A	23.24	337	7.31	0.94	0.5
JC	10:04A	23.27	337	7.33	0.94	0.2
JC	10:07A	23.27	337	7.33	0.94	0.2

SAMPLE CONTAINERS

QTY	CONTAINER DESCRIPTION	QTY	CONTAINER DESCRIPTION	PRESERVED
	40 ml VIAL		40 ml VIAL	
1	125 ml. PLASTIC		125 ml. PLASTIC	
	125 ml GLASS		125 ml GLASS	
	250 ml. PLASTIC	2	250 ml. PLASTIC	
	250 ml. GLASS		250 ml. GLASS	
1	500 ml. PLASTIC		500 ml. PLASTIC	
	500 ml. GLASS		500 ml. GLASS	
	LITER PLASTIC		LITER PLASTIC	
	LITER GLASS		LITER GLASS	
	BACTERIAL		BACTERIAL	

4 TOTAL No. OF SAMPLES COLLECTED:

COLLECTED
DATE | TIME
1-6-11 10:07A

ANALYSIS REQUESTED:

AMMONIA-NITROGEN CHLORIDE SODIUM TDS

PRESERVED SAMPLES PH < 2.0 4/ES SAMPLE STORAGE: COOLER & ICE TO 4.0 C

ABOVE LISTED SAMPLES:
RELINQUISHED BY: [Signature] REP. OF SOLID WASTE DEPT. 1-6-11 2:55P
ACCEPTED BY: [Signature] REP. OF CONTRACT LAB. 1-4-11 2:55P

COMMENTS: W07#0029

3.8°C W07

**HILLSBOROUGH COUNTY DEPT. OF SOLID WASTE COC SHEET
SOUTHEAST LANDFILL WELL MONITORING PROGRAM**

PRECLEANED SAMPLE CONTAINERS:

DATE | TIME

RELINQUISHED BY: [Signature] REP. OF CONTRACT LAB.

12/30/10 | 1630

ACCEPTED BY: [Signature] REP. OF SOLID WASTE DEPT.

1-3-11 | 12:00

LOCATION: TH-57 WACS# 1570

SAMPLE MATRIX: WATER OTHER MATRIX:

PERSONAL ENGAGED IN SAMPLE COLLECTION

☐ A. Balloon ☒

WELL DIAMETER: 2.0 INCH:

TOTAL DEPTH OF WELL: 26.83 Ft.

DEPTH TO WATER: 20.00 Ft.

LENGTH OF WATER COL: 6.83 Ft.

VOLUME TO PURGE: 1.09 Gal.

PURGE STARTED: 1-6-11 | 12:40P

PURGE RATE: 0.25 GPM.

PURGE ENDED: 1-6-11 | 1:03P

ACT. VOL. PURGED: 3.75 GAL.

FIELD PARAMETERS:

Draw Down 24.42
21.06

BY	TIME	TEMP	COND	PH	DO	TURB
JC	12:57P	26.39	142	5.07	0.33	0.4 =
JC	1:00P	26.40	143	5.08	0.33	0.4
JC	1:03P	26.40	143	5.08	0.33	0.4

SAMPLE CONTAINERS

QTY	CONTAINER DESCRIPTION	QTY	CONTAINER DESCRIPTION	PRESERVED
	40 ml VIAL		40 ml VIAL	
1	125 ml. PLASTIC		125 ml. PLASTIC	
	125 ml GLASS		125 ml GLASS	
	250 ml. PLASTIC	2	250 ml. PLASTIC	
	250 ml. GLASS		250 ml. GLASS	
1	500 ml. PLASTIC		500 ml. PLASTIC	
	500 ml. GLASS		500 ml. GLASS	
	LITER PLASTIC		LITER PLASTIC	
	LITER GLASS		LITER GLASS	
	BACTERIAL		BACTERIAL	

4 TOTAL No. OF SAMPLES COLLECTED:

COLLECTED

DATE | TIME

1-6-11 | 1:03P

ANALYSIS REQUESTED:

AMMONIA-NITROGEN CHLORIDE SODIUM TDS

PRESERVED SAMPLES PH < 2.0 YES SAMPLE STORAGE: COOLER & ICE TO 4.0 C

ABOVE LISTED SAMPLES:

RELINQUISHED BY: [Signature] REP. OF SOLID WASTE DEPT.

1-6-11 | 2:55P

ACCEPTED BY: [Signature] REP. OF CONTRACT LAB.

1-6-11 | 2:55P

COMMENTS: W0# 0029

**HILLSBOROUGH COUNTY DEPT. OF SOLID WASTE COC SHEET
SOUTHEAST LANDFILL WELL MONITORING PROGRAM**

PRECLEANED SAMPLE CONTAINERS:

RELINQUISHED BY: [Signature] REP. OF CONTRACT LAB. 12/30/10 1630
ACCEPTED BY: [Signature] REP. OF SOLID WASTE DEPT. 1-3-11 12:00

LOCATION: TH-40 WACS# 822

SAMPLE MATRIX: WATER OTHER MATRIX:

PERSONAL ENGAGED IN SAMPLE COLLECTION D.A. Balloon ☐ JC ☐

WELL DIAMETER: 2.0 INCH:

TOTAL DEPTH OF WELL: 165.90 Ft.
DEPTH TO WATER: 114.44 Ft.
LENGTH OF WATER COL: 51.46 Ft.
VOLUME TO PURGE: 8.23 Gal.

PURGE STARTED: 1-6-11 1:14P
PURGE RATE: 1.00 GPM.
PURGE ENDED: 1-6-11 1:28P
ACT. VOL. PURGED: 14.00 GAL.

FIELD PARAMETERS:

Draw Down 114.44

BY	TIME	TEMP	COND	PH	DO	TURB
JC	1:23P	23.23	322	7.18	2.83	1.00
JC	1:23P	23.23	323	7.20	2.83	1.00
JC	1:28P	23.23	323	7.20	2.83	1.00

SAMPLE CONTAINERS

QTY	CONTAINER DESCRIPTION	QTY	CONTAINER DESCRIPTION	PRESERVED
	40 ml VIAL		40 ml VIAL	
1	125 ml. PLASTIC		125 ml. PLASTIC	
	125 ml GLASS		125 ml GLASS	
	250 ml. PLASTIC	2	250 ml. PLASTIC	
	250 ml. GLASS		250 ml. GLASS	
1	500 ml. PLASTIC		500 ml. PLASTIC	
	500 ml. GLASS		500 ml. GLASS	
	LITER PLASTIC		LITER PLASTIC	
	LITER GLASS		LITER GLASS	
	BACTERIAL		BACTERIAL	

4 TOTAL No. OF SAMPLES COLLECTED:

COLLECTED
DATE | TIME
1-6-11 1:28P

ANALYSIS REQUESTED:

AMMONIA-NITROGEN CHLORIDE SODIUM TDS

PRESERVED SAMPLES PH < 2.0 YES SAMPLE STORAGE: COOLER & ICE TO 4.0 c

ABOVE LISTED SAMPLES:
RELINQUISHED BY: [Signature] REP. OF SOLID WASTE DEPT. 1-6-11 2:53P
ACCEPTED BY: [Signature] REP. OF CONTRACT LAB. 1-6-11 2:53P

COMMENTS: WO# 0029

**HILLSBOROUGH COUNTY DEPT. OF SOLID WASTE COC SHEET
SOUTHEAST LANDFILL WELL MONITORING PROGRAM**

PRECLEANED SAMPLE CONTAINERS: _____ **DATE | TIME** _____
RELINQUISHED BY: [Signature] **REP. OF CONTRACT LAB.** 12/24/10 | 1630
ACCEPTED BY: [Signature] **REP. OF SOLID WASTE DEPT.** 1-3-11 | 12:00
LOCATION: TH-58 WACS# 1571 **SAMPLE MATRIX:** WATER **OTHER MATRIX:** _____
PERSONAL ENGAGED IN SAMPLE COLLECTION ☒ A. Balloon ☒ TC ☐ _____

WELL DIAMETER: 2.0 **INCH:** _____ **DATE | TIME** _____
TOTAL DEPTH OF WELL: 32.92 **Ft.** **PURGE STARTED:** 1-6-11 | 11:22
DEPTH TO WATER: 28.26 **Ft.** **PURGE RATE:** 0.25 **GPM.**
LENGTH OF WATER COL: 4.72 **Ft.** **DATE | TIME** _____
VOLUME TO PURGE: 0.74 **Gal.** **PURGE ENDED:** 1-6-11 | 11:43A
ACT. VOL. PURGED: 5.25 **GAL.**

FIELD PARAMETERS:

BY	TIME	TEMP	COND	PH	DO	TURB
JC	11:37A	25.86	619	5.72	0.44	0.8 =
JC	11:40A	25.81	619	5.71	0.44	0.6
JC	11:43A	25.81	619	5.71	0.44	0.6

Draw Down 28.35
28.35
28.35

SAMPLE CONTAINERS

QTY	CONTAINER DESCRIPTION	QTY	CONTAINER DESCRIPTION	PRESERVED
	40 ml VIAL		40 ml VIAL	
1	125 ml. PLASTIC		125 ml. PLASTIC	
	125 ml GLASS		125 ml GLASS	
	250 ml. PLASTIC	2	250 ml. PLASTIC	
	250 ml. GLASS		250 ml. GLASS	
1	500 ml. PLASTIC		500 ml. PLASTIC	
	500 ml. GLASS		500 ml. GLASS	
	LITER PLASTIC		LITER PLASTIC	
	LITER GLASS		LITER GLASS	
	BACTERIAL		BACTERIAL	

4 **TOTAL No. OF SAMPLES COLLECTED:**

COLLECTED
DATE | TIME
1-6-11 | 11:43A

ANALYSIS REQUESTED:

AMMONIA-NITROGEN CHLORIDE SODIUM TDS

PRESERVED SAMPLES PH < 2.0 Y/P **SAMPLE STORAGE:** COOLER & ICE TO 4.0 c

ABOVE LISTED SAMPLES: _____ **DATE | TIME** _____
RELINQUISHED BY: [Signature] **REP. OF SOLID WASTE DEPT.** 1-6-11 | 2:55P
ACCEPTED BY: [Signature] **REP. OF CONTRACT LAB.** 1-6-11 | 2:55P

COMMENT'S: W0# 0029

**HILLSBOROUGH COUNTY DEPT. OF SOLID WASTE COC SHEET
SOUTHEAST LANDFILL WELL MONITORING PROGRAM**

PRECLEANED SAMPLE CONTAINERS:

DATE | TIME

RELINQUISHED BY: [Signature] REP. OF CONTRACT LAB. 1/30/10 | 1600

ACCEPTED BY: [Signature] REP. OF SOLID WASTE DEPT. 1-3-10 | 12:00

LOCATION: P-18S

SAMPLE MATRIX: WATER OTHER MATRIX:

PERSONAL ENGAGED IN SAMPLE COLLECTION ☒ A. Balloon ☒ JC ☐

WELL DIAMETER: 2.0 INCH:
TOTAL DEPTH OF WELL: 42.50 Ft.
DEPTH TO WATER: 18.61 Ft.
LENGTH OF WATER COL: 23.98 Ft.
VOLUME TO PURGE: 3.82 Gal.

PURGE STARTED: 1-6-11 | 10:54 AM
PURGE RATE: 0.5 GPM.
DATE | TIME
PURGE ENDED: 1-6-11 | 11:08 AM
ACT. VOL. PURGED: 7.00 GAL.

Draw Down 19.05

FIELD PARAMETERS:

BY	TIME	TEMP	COND	PH	DO	TURB
JC	11:02A	25.79	77	4.65	0.72	317.2
JC	11:05A	25.85	77	4.63	0.72	325.0
JC	11:08A	25.85	77	4.63	0.72	344.3

SAMPLE CONTAINERS

QTY	CONTAINER DESCRIPTION	QTY	CONTAINER DESCRIPTION	PRESERVED
	40 ml VIAL		40 ml VIAL	
1	125 ml. PLASTIC		125 ml. PLASTIC	
	125 ml GLASS		125 ml GLASS	
	250 ml. PLASTIC	2	250 ml. PLASTIC	
	250 ml. GLASS		250 ml. GLASS	
1	500 ml. PLASTIC		500 ml. PLASTIC	
	500 ml. GLASS		500 ml. GLASS	
	LITER PLASTIC		LITER PLASTIC	
	LITER GLASS		LITER GLASS	
	BACTERIAL		BACTERIAL	

4 TOTAL No. OF SAMPLES COLLECTED:

COLLECTED
DATE | TIME
1-6-11 | 11:08

ANALYSIS REQUESTED:

AMMONIA-NITROGEN CHLORIDE SODIUM TDS

PRESERVED SAMPLES PH < 2.0 YES SAMPLE STORAGE: COOLER & ICE TO 4.0 c

ABOVE LISTED SAMPLES:

RELINQUISHED BY: [Signature] REP. OF SOLID WASTE DEPT. 1-6-11 | 2:55 PM
ACCEPTED BY: [Signature] REP. OF CONTRACT LAB. 1-6-11 | 2:55

COMMENT'S: W07#0028

**HILLSBOROUGH COUNTY DEPT. OF SOLID WASTE COC SHEET
SOUTHEAST LANDFILL WELL MONITORING PROGRAM
MONITORING WELLS DUPLICATE SAMPLE**

PRECLEANED SAMPLE CONTAINERS:

DATE | TIME

RELINQUISHED BY: _____ REP. OF CONTRACT LAB. _____ |

ACCEPTED BY: _____ REP. OF SOLID WASTE DEPT. _____ |

LOCATION: DUPLICATE SAMPLE MATRIX: WATER OTHER MATRIX: _____

PERSONAL ENGAGED IN SAMPLE COLLECTION : ☒ A. Balloon & JC ☐

FIELD PARAMETERS: N/A

SAMPLE CONTAINERS

QTY	CONTAINER DESCRIPTION	QTY	CONTAINER DESCRIPTION	PRESERVED
	40 ml VIAL		40 ml VIAL	
1	125 ml. PLASTIC		125 ml. PLASTIC	
	125 ml GLASS		125 ml GLASS	
	250 ml. PLASTIC	2	250 ml. PLASTIC	
	250 ml. GLASS		250 ml. GLASS	
1	500 ml. PLASTIC		500 ml. PLASTIC	
	500 ml. GLASS		500 ml. GLASS	
	LITER PLASTIC		LITER PLASTIC	
	LITER GLASS		LITER GLASS	
	BACTERIAL		BACTERIAL	

4 TOTAL No. OF SAMPLES COLLECTED:

COLLECTED
DATE | TIME
1.6.11 | _____

ANALYSIS REQUESTED:

AMMONIA-NITROGEN CHLORIDE SODIUM TDS

PRESERVED SAMPLES PH < 2.0 _____ SAMPLE STORAGE: COOLER & ICE TO 4.0 c

ABOVE LISTED SAMPLES:

RELINQUISHED BY: Li. Chyts REP. OF SOLID WASTE DEPT. 1.6.11 | 2:55P

ACCEPTED BY: Carol McWhorter REP. OF CONTRACT LAB. 1.6.11 | 2:55P

COMMENT'S: _____

HILLSBOROUGH COUNTY DEPT. OF SOLID WASTE COC SHEET
SOUTHEAST LANDFILL WELL MONITORING PROGRAM
MONITORING WELLS BLANK, EQUIPMENT

PRECLEANED SAMPLE CONTAINERS:

DATE | TIME

RELINQUISHED BY: _____ REP. OF CONTRACT LAB. _____

ACCEPTED BY: _____ REP. OF SOLID WASTE DEPT. _____

LOCATION: BLANK, EQUIPMENT SAMPLE MATRIX: WATER OTHER MATRIX: _____

PERSONAL ENGAGED IN SAMPLE COLLECTION ☐ A. Balloon ☒ Se ☐

FIELD PARAMETERS: N/A

SAMPLE CONTAINERS

QTY	CONTAINER DESCRIPTION	QTY	CONTAINER DESCRIPTION	PRESERVED
	40 ml VIAL		40 ml VIAL	
<u>1</u>	125 ml. PLASTIC		125 ml. PLASTIC	
	125 ml GLASS		125 ml GLASS	
	250 ml. PLASTIC	<u>2</u>	250 ml. PLASTIC	
	250 ml. GLASS		250 ml. GLASS	
<u>1</u>	500 ml. PLASTIC		500 ml. PLASTIC	
	500 ml. GLASS		500 ml. GLASS	
	LITER PLASTIC		LITER PLASTIC	
	LITER GLASS		LITER GLASS	
	BACTERIAL		BACTERIAL	

5 TOTAL No. OF SAMPLES COLLECTED:

COLLECTED
DATE | TIME
1.6.11 | 9:50 A

ANALYSIS REQUESTED:

AMMONIA-NITROGEN CHLORIDE SODIUM TDS

PRESERVED SAMPLES PH < 2.0 _____ SAMPLE STORAGE: COOLER & ICE TO 4.0 c

ABOVE LISTED SAMPLES:

RELINQUISHED BY: Jim Clate REP. OF SOLID WASTE DEPT. 1.6.11 | 2:55P
ACCEPTED BY: Carol M. Bully REP. OF CONTRACT LAB. 1.6.11 | 2:55P

COMMENT'S: _____

**HILLSBOROUGH COUNTY DEPT. OF SOLID WASTE COC SHEET
SOUTHEAST LANDFILL WELL MONITORING PROGRAM**

PRECLEANED SAMPLE CONTAINERS:

DATE | TIME

RELINQUISHED BY: [Signature] REP. OF CONTRACT LAB. 12/20/10 1630

ACCEPTED BY: [Signature] REP. OF SOLID WASTE DEPT. 1-3-11 12:00

LOCATION: TH-42

SAMPLE MATRIX: WATER OTHER MATRIX:

PERSONAL ENGAGED IN SAMPLE COLLECTION BA. Balloon ✓ ✓ □

WELL DIAMETER: 2.0 INCH:

TOTAL DEPTH OF WELL: 164 Ft.

DEPTH TO WATER: 91.02 Ft.

LENGTH OF WATER COL: 72.98 Ft.

VOLUME TO PURGE: 11.48 Gal.

PURGE STARTED: 1-6-11 10:24A

PURGE RATE: 1.00 GPM.

PURGE ENDED: 1-6-11 10:42A

ACT. VOL. PURGED: 18 GAL.

FIELD PARAMETERS:

Draw Down 104.50
107.90

BY	TIME	TEMP	COND	PH	DO	TURB
JC	10:34A	23.51	427	7.25	0.81	220.3 =
JC	10:39A	23.52	427	7.24	0.81	243.1
JC	10:42A	23.52	427	7.24	0.81	234.4

SAMPLE CONTAINERS

QTY	CONTAINER DESCRIPTION	QTY	CONTAINER DESCRIPTION	PRESERVED
	40 ml VIAL		40 ml VIAL	
1	125 ml. PLASTIC		125 ml. PLASTIC	
	125 ml GLASS		125 ml GLASS	
	250 ml. PLASTIC	2	250 ml. PLASTIC	
	250 ml. GLASS		250 ml. GLASS	
1	500 ml. PLASTIC		500 ml. PLASTIC	
	500 ml. GLASS		500 ml. GLASS	
	LITER PLASTIC		LITER PLASTIC	
	LITER GLASS		LITER GLASS	
	BACTERIAL		BACTERIAL	

4 TOTAL No. OF SAMPLES COLLECTED:

COLLECTED
DATE | TIME
1-6-11 10:42A

ANALYSIS REQUESTED:

AMMONIA-NITROGEN CHLORIDE SODIUM TDS

PRESERVED SAMPLES PH < 2.0 YES SAMPLE STORAGE: COOLER & ICE TO 4.0 c

ABOVE LISTED SAMPLES:

RELINQUISHED BY: [Signature] REP. OF SOLID WASTE DEPT. 1-6-11 2:55P

ACCEPTED BY: [Signature] REP. OF CONTRACT LAB. 1-6-11 2:55P

COMMENT'S: W01#0029

660-39128

HILLSBOROUGH COUNTY DEPT. OF SOLID WASTE COC SHEET
SOUTHEAST LANDFILL WELL MONITORING PROGRAM

PRECLEANED SAMPLE CONTAINERS:

DATE | TIME

RELINQUISHED BY: [Signature]

REP. OF CONTRACT LAB.

12/20/10 1630ACCEPTED BY: [Signature]

REP. OF SOLID WASTE DEPT.

1-3-11 12:00LOCATION: SUP 1SAMPLE MATRIX: WATER OTHER MATRIX:

PERSONAL ENGAGED IN SAMPLE COLLECTION

☒ A. Balloon ☒ JC ☐WELL VOLUME TO PURGE: 15 MIN:
ACTUAL PURGE TIME: 27 MIN:PURGE STARTED: DATE 1.7.11 TIME 10:30A**FIELD PARAMETERS:**

BY	TIME	TEMP	COND	PH	DO	TURB
<u>VC</u>	<u>10:51A</u>	<u>21.04</u>	<u>387</u>	<u>7.50</u>	<u>1.90</u>	<u>0.1</u>
<u>JS</u>	<u>10:54A</u>	<u>21.03</u>	<u>387</u>	<u>7.51</u>	<u>1.90</u>	<u>0.1</u>
<u>VC</u>	<u>10:57A</u>	<u>21.04</u>	<u>387</u>	<u>7.51</u>	<u>1.90</u>	<u>0.1</u>

SAMPLE CONTAINERS

QTY	CONTAINER DESCRIPTION	QTY	CONTAINER DESCRIPTION	PRESERVED
	40 ml VIAL		40 ml VIAL	
<u>1</u>	125 ml. PLASTIC		125 ml. PLASTIC	
	125 ml GLASS		125 ml GLASS	
	250 ml. PLASTIC	<u>2</u>	250 ml. PLASTIC	
	250 ml. GLASS		250 ml. GLASS	
<u>1</u>	500 ml. PLASTIC		500 ml. PLASTIC	
	500 ml. GLASS		500 ml. GLASS	
	LITER PLASTIC		LITER PLASTIC	
	LITER GLASS		LITER GLASS	
	BACTERIAL		BACTERIAL	

4 TOTAL No. OF SAMPLES COLLECTED:

COLLECTED

DATE | TIME

1-7-11 10:57A**ANALYSIS REQUESTED:****AMMONIA-NITROGEN CHLORIDE SODIUM TDS**PRESERVED SAMPLES PH < 2.0 YES SAMPLE STORAGE: COOLER & ICE TO 4.0 C

ABOVE LISTED SAMPLES:

RELINQUISHED BY: [Signature]

REP. OF SOLID WASTE DEPT.

DATE | TIME

1-7-11 1:50PACCEPTED BY: [Signature]

REP. OF CONTRACT LAB.

1-7-11 1:50P

COMMENT'S:

WD #00294.7°C cu-07

**HILLSBOROUGH COUNTY DEPT. OF SOLID WASTE COC SHEET
SOUTHEAST LANDFILL WELL MONITORING PROGRAM**

PRECLEANED SAMPLE CONTAINERS:

RELINQUISHED BY: [Signature] REP. OF CONTRACT LAB. 12/30/10 1630

ACCEPTED BY: [Signature] REP. OF SOLID WASTE DEPT. 1-3-11 12:00

LOCATION: SUP 2

SAMPLE MATRIX: WATER OTHER MATRIX:

PERSONAL ENGAGED IN SAMPLE COLLECTION

☒ A. Balloon ☒ J ☐ C ☐

WELL VOLUME TO PURGE: 15 MIN:
ACTUAL PURGE TIME: 33 MIN:

PURGE STARTED: DATE 1.7.11 TIME 9:46A

FIELD PARAMETERS:

BY	TIME	TEMP	COND	PH	DO	TURB	
JC	10:13A	24.07	379	7.57	0.33	0.1	=
JC	10:16A	24.19	378	7.57	0.29	0.1	
JC	10:19A	24.19	378	7.57	0.29	0.1	

SAMPLE CONTAINERS

QTY	CONTAINER DESCRIPTION	QTY	CONTAINER DESCRIPTION	PRESERVED
	40 ml VIAL		40 ml VIAL	
1	125 ml. PLASTIC		125 ml. PLASTIC	
	125 ml GLASS		125 ml GLASS	
	250 ml. PLASTIC	2	250 ml. PLASTIC	
	250 ml. GLASS		250 ml. GLASS	
1	500 ml. PLASTIC		500 ml. PLASTIC	
	500 ml. GLASS		500 ml. GLASS	
	LITER PLASTIC		LITER PLASTIC	
	LITER GLASS		LITER GLASS	
	BACTERIAL		BACTERIAL	

4 TOTAL No. OF SAMPLES COLLECTED:

COLLECTED
DATE | TIME
1-7-11 | 10:19A

ANALYSIS REQUESTED:

AMMONIA-NITROGEN CHLORIDE SODIUM TDS

PRESERVED SAMPLES PH < 2.0 YES SAMPLE STORAGE: COOLER & ICE TO 4.0 c

ABOVE LISTED SAMPLES: [Signature] REP. OF SOLID WASTE DEPT. 1-7-11 1:50P
RELINQUISHED BY: [Signature] REP. OF CONTRACT LAB. 1-7-11 1:50P
ACCEPTED BY: [Signature]

COMMENT'S: WOP 0029

Login Sample Receipt Check List

Client: Hillsborough County

Job Number: 660-39060-1

Login Number: 39060

Creator: Redding, Charles S

List Number: 1

List Source: TestAmerica Tampa

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	5.6 degrees C Cu-07
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	N/A	
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: Hillsborough County

Job Number: 660-39060-1

Login Number: 39121

Creator: McNulty, Carol

List Number: 1

List Source: TestAmerica Tampa

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 degrees C CU-07
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	N/A	
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: Hillsborough County

Job Number: 660-39060-1

Login Number: 39128

Creator: McNulty, Carol

List Number: 1

List Source: TestAmerica Tampa

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	4.7 degrees C CU-07
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	N/A	
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	

Facility Name: SOUTHEAST COUNTY SLF (PICNIC LF)

PARAMETER MONITORING REPORT

Rule 62-701

WACS Report Type: SEMGW

Description: Semiannual Gw: 62-701.510(8)(A) (1 Pages)

WACS Facility ID #: 41193
WACS Testsite ID #: 0
WACS Testsite Name: Maran Groves 2
Water Classification: G-II
(i.e. LC - Leachate, G-II, SW-II(F))

Sample Date/Time: 1/4/2011 9:50:00AM
Sampling Method: Unknown
Permitted
Well Type: OT

(AS) Assessment (IW) Irrigation Well
(BG) Background (OT) Other
(CO) Compliance (PZ) Piezometer
(DE) Detection (SO) Source
(DG) Downgradient (UP) Upgradient
(IM) Intermediate (WS) Water Supply

* Well Purged prior to
Sample Collection? (Y/N): Y

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
000408	Field pH	N	E84282	DEP-SOP	1/4/2011 9:50:00AM	7.54		SU	
000299	Dissolved Oxygen	N	E84282	DEP-SOP	1/4/2011 9:50:00AM	0.92		mg/L	
000929	Sodium	N	E84282	6010B	1/5/2011 1:20:00PM	9.3	0.31	mg/L	
000940	Chloride	N	E84282	300	1/7/2011 12:37:00PM	11	0.2	mg/L	
082079	Turbidity	N	E84282	DEP-SOP	1/4/2011 9:50:00AM	0		NTU	
070300	Total Dissolved Solids	N	E84282	SM 2540C	1/6/2011 4:16:00PM	210	5	mg/L	
000094	Conductivity	N	E84282	DEP-SOP	1/4/2011 9:50:00AM	301		umhos/cm	
000610	Ammonia as N	N	E84282	350.1	1/6/2011 10:49:00AM	0.17	0.01	mg/L	J
000010	Field Temperature	N	E84282	DEP-SOP	1/4/2011 9:50:00AM	25.14		Degrees C	

Total Parameters Monitored: 9

* Well purging is the process of pumping the well prior to sampling in order to obtain a representative ground water sample.

Printed: 1/17/2011
Page 1 of 1

Facility Name: SOUTHEAST COUNTY SLF (PICNIC LF)

PARAMETER MONITORING REPORT

Rule 62-701

WACS Report Type: SEMGW

Description: Semiannual Gw: 62-701.510(8)(A) (1 Pages)

WACS Facility ID #: 41193
WACS Testsite ID #: 0
WACS Testsite Name: Maran Groves 6
Water Classification: G-II
(i.e.: LC - Leachate, G-II, SW-III(F))

Sample Date/Time: 1/4/2011 10:17:00AM
Sampling Method: Unknown
Permitted Well Type: OT

(AS) Assessment (RW) Irrigation Well
(BG) Background (OT) Other
(CO) Compliance (PZ) Piezometer
(DE) Detection (SO) Source
(DG) Downgradient (UP) Upgradient
(IM) Intermediate (WS) Water Supply

* Well Purged prior to Sample Collection? (Y/N): Y

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
000299	Dissolved Oxygen	N	E84282	DEP-SOP	1/4/2011 10:17:00AM	0.94		mg/L	
000406	Field pH	N	E84282	DEP-SOP	1/4/2011 10:17:00AM	7.59		SU	
000010	Field Temperature	N	E84282	DEP-SOP	1/4/2011 10:17:00AM	24.7		Degrees C	
000094	Conductivity	N	E84282	DEP-SOP	1/4/2011 10:17:00AM	304		umhos/cm	
070300	Total Dissolved Solids	N	E84282	SM 2540C	1/6/2011 4:16:00PM	210	5	mg/L	
000810	Ammonia as N	N	E84282	350.1	1/6/2011 10:53:00AM	0.16	0.01	mg/L	
000929	Sodium	N	E84282	6010B	1/5/2011 1:34:00PM	9.9	0.31	mg/L	
000940	Chloride	N	E84282	300	1/7/2011 12:48:00PM	11	0.2	mg/L	
082079	Turbidity	N	E84282	DEP-SOP	1/4/2011 10:17:00AM	0.1		NTU	

Total Parameters Monitored: 9

* Well purging is the process of pumping the well prior to sampling in order to obtain a representative ground water sample.

Printed: 1/17/2011

Page 1 of 1

Form Produced by FDEP Validator software
01/17/2011

Facility Name: SOUTHEAST COUNTY SLF (PICNIC LF)

PARAMETER MONITORING REPORT

Rule 62-701

WACS Report Type: SEMGW

Description: Semiannual Gw: 62-701.510(8)(A) (1 Pages)

WACS Facility ID #: 41193
WACS Testsite ID #: 0
WACS Testsite Name: Maran Groves 7
Water Classification: G-II
(i.e.: LC - Leachate, G-II, SW-HIF)

Sample Date/Time: 1/4/2011 10:51:00AM
Sampling Method: Unknown
Permitted
Well Type: OT

(AS) Assessment (IW) Irrigation Well
(BG) Background (OT) Other
(CC) Compliance (PZ) Piezometer
(DE) Detection (SO) Source
(DG) Downgradient (UP) Upgradient
(IM) Intermediate (WS) Water Supply

* Well Purged prior to
Sample Collection? (Y/N): Y

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
000610	Ammonia as N	N	E84282	350.1	1/6/2011 10:54:00AM	0.17	0.01	mg/L	
000940	Chloride	N	E84282	300	1/7/2011 1:00:00PM	13	0.2	mg/L	
070300	Total Dissolved Solids	N	E84282	SM 2540C	1/6/2011 4:17:00PM	220	5	mg/L	
082079	Turbidity	N	E84282	DEP-SOP	1/4/2011 10:51:00AM	0.2		NTU	
000094	Conductivity	N	E84282	DEP-SOP	1/4/2011 10:51:00AM	327		umhos/cm	
000929	Sodium	N	E84282	8010B	1/5/2011 1:37:00PM	8.9	0.31	mg/L	
000299	Dissolved Oxygen	N	E84282	DEP-SOP	1/4/2011 10:51:00AM	0.76		mg/L	
000010	Field Temperature	N	E84282	DEP-SOP	1/4/2011 10:51:00AM	28.81		Degrees C	
000406	Field pH	N	E84282	DEP-SOP	1/4/2011 10:51:00AM	7.66		SU	

Total Parameters Monitored: 9

* Well purging is the process of pumping the well prior to sampling in order to obtain a representative ground water sample.

Printed: 1/17/2011
Page 1 of 1

Facility Name: SOUTHEAST COUNTY SLF (PICNIC LF)

PARAMETER MONITORING REPORT

Rule 62-701

WACS Report Type: SEMGW

Description: Semiannual Gw: 62-701.510(8)(A) (1 Pages)

WACS Facility ID #: 41193
WACS Testsite ID #: 0
WACS Testsite Name: Maran Groves 12
Water Classification: G-II
(i.e., LC - Leachate, G-II, SW-HIIIF)

Sample Date/Time: 1/4/2011 11:18:00AM

Sampling Method: Unknown

Permitted

Well Type: OT

(AS) Assessment (IW) Irrigation Well
(BG) Background (OT) Other
(CO) Compliance (PZ) Piezometer
(DE) Detection (SO) Source
(DG) Downgradient (UP) Upgradient
(IM) Intermediate (WS) Water Supply

* Well Purged prior to
Sample Collection? (Y/N): Y

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
000929	Sodium	N	E84282	6010B	1/5/2011 1:41:00PM	9.9	0.31	mg/L	
000940	Chloride	N	E84282	300	1/7/2011 1:11:00PM	22	0.2	mg/L	
000010	Field Temperature	N	E84282	DEP-SOP	1/4/2011 11:18:00AM	27.05		Degrees C	
070300	Total Dissolved Solids	N	E84282	SM 2540C	1/6/2011 4:17:00PM	270	5	mg/L	
000094	Conductivity	N	E84282	DEP-SOP	1/4/2011 11:18:00AM	378		umhos/cm	
000406	Field pH	N	E84282	DEP-SOP	1/4/2011 11:18:00AM	7.66		SU	
000299	Dissolved Oxygen	N	E84282	DEP-SOP	1/4/2011 11:18:00AM	0.77		mg/L	
000810	Ammonia as N	N	E84282	350.1	1/8/2011 10:55:00AM	0.28	0.01	mg/L	
082079	Turbidity	N	E84282	DEP-SOP	1/4/2011 11:18:00AM	0.2		NTU	

Total Parameters Monitored: 9

* Well purging is the process of pumping the well prior to sampling in order to obtain a representative ground water sample.

Printed: 1/17/2011

Page 1 of 1

Form Produced by FDEP Validator software
01/17/2011

Facility Name: SOUTHEAST COUNTY SLF (PICNIC LF)

PARAMETER MONITORING REPORT

Rule 62-701

WACS Report Type: SEMGW

Description: Semiannual Gw: 62-701.510(8)(A) (1 Pages)

WACS Facility ID #: 41193
WACS Testsite ID #: 0
WACS Testsite Name: Duplicate
Water Classification: G-II
(i.e., LC - Leachate, G-II, SW-III(F))

Sample Date/Time: 1/4/2011 12:00:00AM
Sampling Method: Unknown
Permitted
Well Type: OT

(AS) Assessment (RW) Irrigation Well
(BG) Background (OT) Other
(CO) Compliance (PZ) Piezometer
(DE) Detection (SQ) Source
(DG) Downgradient (UP) Upgradient
(IM) Intermediate (WS) Water Supply

* Well Purged prior to
Sample Collection? (Y/N): Y

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAP Lab Certification # (DOH)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
070300	Total Dissolved Solids	N	E84282	SM 2540C	1/8/2011 4:18:00PM	200	5	mg/L	
000929	Sodium	N	E84282	6010B	1/5/2011 1:51:00PM	9.4	0.31	mg/L	
000610	Ammonia as N	N	E84282	350.1	1/6/2011 10:57:00AM	0.18	0.01	mg/L	
000940	Chloride	N	E84282	300	1/7/2011 1:23:00PM	11	0.2	mg/L	

Total Parameters Monitored: 4

* Well purging is the process of pumping the well prior to sampling in order to obtain a representative ground water sample.

Printed: 1/17/2011

Page 1 of 1

Form Produced by FDEP Validator software
01/17/2011

Facility Name: SOUTHEAST COUNTY SLF (PICNIC LF)

PARAMETER MONITORING REPORT

Rule 62-701

WACS Report Type: SEMGW

Description: Semiannual Gw: 62-701.510(8)(A) (1 Pages)

WACS Facility ID #: 41193

Sample Date/Time: 1/4/2011 9:30:00AM

WACS Testsite ID #:

Sampling Method:

WACS Testsite Name: Equipment Blank

Permitted

Water Classification:

Well Type:

(i.e.: LC - Leachate, G-II, SW-IIIIF)

* Well Purged prior to

Sample Collection? (Y/N):

(AS) Assessment
(BG) Background
(CO) Compliance
(DE) Detection
(DG) Downgradient
(IM) Intermediate
(IW) Irrigation Well
(OT) Other
(PZ) Piezometer
(SO) Source
(UP) Upgradient
(WS) Water Supply

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
000940	Chloride	N	E84282	300	1/7/2011 1:34:00PM	0.2	0.2	mg/L	U
000810	Ammonia as N	N	E84282	350.1	1/6/2011 10:58:00AM	0.1	0.01	mg/L	U
000929	Sodium	N	E84282	6010B	1/5/2011 1:55:00PM	0.31	0.31	mg/L	U
070300	Total Dissolved Solids	N	E84282	SM 2540C	1/6/2011 4:19:00PM	5	5	mg/L	U

Total Parameters Monitored: 4

* Well purging is the process of pumping the well prior to sampling in order to obtain a representative ground water sample.

Printed: 1/17/2011

Page 1 of 1

Facility Name: SOUTHEAST COUNTY SLF (PICNIC LF)

PARAMETER MONITORING REPORT

Rule 62-701

WACS Report Type: SEMGW

Description: Semiannual Gw: 62-701.510(8)(A) (1 Pages)

WACS Facility ID #: 41193
WACS Testsite ID #: 19862
WACS Testsite Name: TH-28A WACS#19
Water Classification: G-II
(i.e. LC - Leachate, G-II, SW-ILF)

Sample Date/Time: 1/6/2011 12:37:00PM
Sampling Method: Unknown

Permitted
Well Type: DE

(AS) Assessment (IW) Irrigation Well
(BG) Background (OT) Other
(CO) Compliance (PZ) Piezometer
(DE) Detection (SO) Source
(DG) Downgradient (UP) Upgradient
(IM) Intermediate (WS) Water Supply

* Well Purged prior to
Sample Collection? (Y/N): Y

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAP Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
082079	Turbidity	N	E84282	DEP-SOP	1/6/2011 12:37:00PM	1.7		NTU	
000406	Field pH	N	E84282	DEP-SOP	1/6/2011 12:37:00PM	5.12		SU	
000610	Ammonia as N	N	E84282	350.1	1/12/2011 11:33:00AM	1.4	0.01	mg/L	
000010	Field Temperature	N	E84282	DEP-SOP	1/6/2011 12:37:00PM	25.58		Degrees C	
000094	Conductivity	N	E84282	DEP-SOP	1/6/2011 12:37:00PM	175		umhos/cm	
000299	Dissolved Oxygen	N	E84282	DEP-SOP	1/6/2011 12:37:00PM	0.91		mg/L	
070300	Total Dissolved Solids	N	E84282	SM 2540C	1/10/2011 4:14:00PM	92	5	mg/L	
000940	Chloride	N	E84282	300	1/12/2011 11:38:00AM	42	0.2	mg/L	
000929	Sodium	N	E84282	6010B	1/11/2011 9:10:00AM	17	0.31	mg/L	

Total Parameters Monitored: 9

* Well purging is the process of pumping the well prior to sampling in order to obtain a representative ground water sample.

Printed: 1/17/2011

Page 1 of 1

Facility Name: SOUTHEAST COUNTY SLF (PICNIC LF)

PARAMETER MONITORING REPORT

Rule 62-701

WACS Report Type: SEMGW

Description: Semiannual Gw: 62-701.510(8)(A) (1 Pages)

WACS Facility ID #: 41193
WACS Testsite ID #: 821
WACS Testsite Name: TH-19 WACS# 82
Water Classification: G-II
(I = LC - Leachate, G-II, SW411F)

Sample Date/Time: 1/6/2011 10:07:00AM
Sampling Method: Unknown
Permitted
Well Type: BG

(AS) Assessment (IW) Irrigation Well
(BG) Background (OT) Other
(CD) Compliance (PZ) Piezometer
(DE) Detection (SO) Source
(DG) Downgradient (UP) Upgradient
(IM) Intermediate (WS) Water Supply

* Well Purged prior to
Sample Collection? (Y/N): Y

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
000010	Field Temperature	N	E84282	DEP-SOP	1/6/2011 10:07:00AM	23.27		Degrees C	
000299	Dissolved Oxygen	N	E84282	DEP-SOP	1/6/2011 10:07:00AM	0.94		mg/L	
000094	Conductivity	N	E84282	DEP-SOP	1/6/2011 10:07:00AM	337		umhos/cm	
070300	Total Dissolved Solids	N	E84282	SM 2540C	1/10/2011 4:22:00PM	220	5	mg/L	
000940	Chloride	N	E84282	300	1/12/2011 11:47:00AM	8.3	0.2	mg/L	
082079	Turbidity	N	E84282	DEP-SOP	1/6/2011 10:07:00AM	0.2		NTU	
000406	Field pH	N	E84282	DEP-SOP	1/6/2011 10:07:00AM	7.33		SU	
000929	Sodium	N	E84282	6010B	1/11/2011 9:14:00AM	14	0.31	mg/L	
000610	Ammonia as N	N	E84282	350.1	1/12/2011 11:34:00AM	0.27	0.01	mg/L	

Total Parameters Monitored: 9

* Well purging is the process of pumping the well prior to sampling in order to obtain a representative ground water sample.

Printed: 1/17/2011

Page 1 of 1

Facility Name: SOUTHEAST COUNTY SLF (PICNIC LF)

PARAMETER MONITORING REPORT

Rule 62-701

WACS Report Type: SEMGW

Description: Semiannual Gw: 62-701.510(8)(A) (1 Pages)

WACS Facility ID #: 41193
WACS Testsite ID #: 1570
WACS Testsite Name: TH-57 WACS# 15
Water Classification: G-II
(i.e.: LC - Leachate, G-II, SW-IIIF)

Sample Date/Time: 1/6/2011 1:03:00PM
Sampling Method: Unknown

Permitted
Well Type: DE

(AS) Assessment (IW) Irrigation Well
(BG) Background (OT) Other
(CO) Compliance (PZ) Piezometer
(DE) Detection (SO) Source
(DG) Downgradient (UP) Upgradient
(IM) Intermediate (WS) Water Supply

* Well Purged prior to
Sample Collection? (Y/N): Y

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
000940	Chloride	N	E84282	300	1/12/2011 11:59:00AM	39	0.2	mg/L	
000299	Dissolved Oxygen	N	E84282	DEP-SOP	1/8/2011 1:03:00PM	0.33		mg/L	
000094	Conductivity	N	E84282	DEP-SOP	1/8/2011 1:03:00PM	143		umhos/cm	
070300	Total Dissolved Solids	N	E84282	SM 2540C	1/10/2011 4:22:00PM	100	5	mg/L	
000010	Field Temperature	N	E84282	DEP-SOP	1/8/2011 1:03:00PM	26.4		Degrees C	
000610	Ammonia as N	N	E84282	350.1	1/12/2011 11:35:00AM	0.82	0.01	mg/L	
000929	Sodium	N	E84282	6010B	1/11/2011 9:17:00AM	12	0.31	mg/L	
000406	Field pH	N	E84282	DEP-SOP	1/8/2011 1:03:00PM	5.08		SU	
082079	Turbidity	N	E84282	DEP-SOP	1/8/2011 1:03:00PM	0.4		NTU	

Total Parameters Monitored: 9

* Well purging is the process of pumping the well prior to sampling in order to obtain a representative ground water sample.

Printed: 1/17/2011
Page 1 of 1

Facility Name: SOUTHEAST COUNTY SLF (PICNIC LF)

PARAMETER MONITORING REPORT

Rule 62-701

WACS Report Type: SEMGW

Description: Semiannual Gw: 62-701.510(8)(A) (1 Pages)

WACS Facility ID #: 41193
WACS Testsite ID #: 822
WACS Testsite Name: TH-40 WACS# 82
Water Classification: G-II
(I = LC - Leachate, G-II, SW-IIIF)

Sample Date/Time: 1/6/2011 1:28:00PM
Sampling Method: Unknown
Permitted
Well Type: CO

(AS) Assessment (IW) Irrigation Well
(BG) Background (OT) Other
(CO) Compliance (PZ) Piezometer
(DE) Detection (SO) Source
(DG) Downgradient (UP) Upgradient
(IM) Intermediate (WS) Water Supply

* Well Purged prior to
Sample Collection? (Y/N): Y

STORET Code	Parameter Monitored	Field Factor (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
000010	Field Temperature	N	E84282	DEP-SOP	1/6/2011 1:28:00PM	23.23		Degrees C	
000094	Conductivity	N	E84282	DEP-SOP	1/6/2011 1:28:00PM	323		umhos/cm	
000929	Sodium	N	E84282	6010B	1/11/2011 9:21:00AM	16	0.31	mg/L	
000406	Field pH	N	E84282	DEP-SOP	1/6/2011 1:28:00PM	7.2		SU	
000610	Ammonia as N	N	E84282	350.1	1/12/2011 11:36:00AM	0.27	0.01	mg/L	
000940	Chloride	N	E84282	300	1/12/2011 12:10:00PM	8.7	0.2	mg/L	
082079	Turbidity	N	E84282	DEP-SOP	1/6/2011 1:28:00PM	1		NTU	
070300	Total Dissolved Solids	N	E84282	SM 2540C	1/10/2011 4:23:00PM	220	5	mg/L	
000299	Dissolved Oxygen	N	E84282	DEP-SOP	1/6/2011 1:28:00PM	2.33		mg/L	

Total Parameters Monitored: 9

* Well purging is the process of pumping the well prior to sampling in order to obtain a representative ground water sample.

Facility Name: SOUTHEAST COUNTY SLF (PICNIC LF)

PARAMETER MONITORING REPORT

Rule 62-701

WACS Report Type: SEMGW

Description: Semiannual Gw: 62-701.510(8)(A) (1 Pages)

WACS Facility ID #: 41193
WACS Testsite ID #: 1571
WACS Testsite Name: TH-58 WACS# 15
Water Classification: LC
(i.e. LC - Leachate, G-II, SW-IIIF)

Sample Date/Time: 1/6/2011 11:43:00AM
Sampling Method: Grab
Permitted
Well Type: DE

(AS) Assessment (IW) Irrigation Well
(BG) Background (OT) Other
(CO) Compliance (PZ) Piezometer
(DE) Detection (SO) Source
(DG) Downgradient (UP) Upgradient
(IM) Intermediate (WS) Water Supply

* Well Purged prior to Sample Collection? (Y/N): Y

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
000010	Field Temperature	N	E84282	DEP-SOP	1/6/2011 11:43:00AM	25.81		Degrees C	
000408	Field pH	N	E84282	DEP-SOP	1/6/2011 11:43:00AM	5.71		SU	
000929	Sodium	N	E84282	6010B	1/11/2011 9:24:00AM	29	0.31	mg/L	
000610	Ammonia as N	N	E84282	350.1	1/12/2011 11:40:00AM	0.64	0.01	mg/L	J
000940	Chloride	N	E84282	300	1/12/2011 5:04:00PM	140	2	mg/L	
070300	Total Dissolved Solids	N	E84282	SM 2540C	1/10/2011 4:23:00PM	440	5	mg/L	
082079	Turbidity	N	E84282	DEP-SOP	1/6/2011 11:43:00AM	0.6		NTU	
000094	Conductivity	N	E84282	DEP-SOP	1/6/2011 11:43:00AM	619		umhos/cm	
000299	Dissolved Oxygen	N	E84282	DEP-SOP	1/6/2011 11:43:00AM	0.44		mg/L	

Total Parameters Monitored: 9

* Well purging is the process of pumping the well prior to sampling in order to obtain a representative ground water sample.

Printed: 1/17/2011
Page 1 of 1

Facility Name: SOUTHEAST COUNTY SLF (PICNIC LF)

PARAMETER MONITORING REPORT

Rule 62-701

WACS Report Type: SEMGW

Description: Semiannual Gw: 62-701.510(8)(A) (1 Pages)

WACS Facility ID #: 41193
WACS Testsite ID #: 0
WACS Testsite Name: P-18S
Water Classification: G-II
(i.e.: LC - Leachate, G-II, SW-IIIF)

Sample Date/Time: 1/6/2011 11:08:00AM
Sampling Method: Unknown

Permitted
Well Type: OT

(AS) Assessment (IW) Irrigation Well
(BG) Background (OT) Other
(CO) Compliance (PZ) Piezometer
(DE) Detection (SO) Source
(DG) Downgradient (UP) Upgradient
(IM) Intermediate (WS) Water Supply

* Well Purged prior to
Sample Collection? (Y/N): Y

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOKE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
000094	Conductivity	N	E84282	DEP-SOP	1/6/2011 11:08:00AM	77		umhos/cm	
000940	Chloride	N	E84282	300	1/12/2011 12:33:00PM	11	0.2	mg/L	
000610	Ammonia as N	N	E84282	350.1	1/12/2011 11:43:00AM	0.48	0.01	mg/L	
082079	Turbidity	N	E84282	DEP-SOP	1/6/2011 11:08:00AM	348.3		NTU	
000299	Dissolved Oxygen	N	E84282	DEP-SOP	1/6/2011 11:08:00AM	0.72		mg/L	
000406	Field pH	N	E84282	DEP-SOP	1/6/2011 11:08:00AM	4.83		SU	
000929	Sodium	N	E84282	6010B	1/11/2011 9:28:00AM	7.8	0.31	mg/L	
000010	Field Temperature	N	E84282	DEP-SOP	1/6/2011 11:08:00AM	25.85		Degrees C	
070300	Total Dissolved Solids	N	E84282	SM 2540C	1/10/2011 4:24:00PM	100	5	mg/L	

Total Parameters Monitored: 9

* Well purging is the process of pumping the well prior to sampling in order to obtain a representative ground water sample.

Printed: 1/17/2011

Page 1 of 1

Facility Name: SOUTHEAST COUNTY SLF (PICNIC LF)

PARAMETER MONITORING REPORT

Rule 62-701

WACS Report Type: SEMGW

Description: Semiannual Gw: 62-701.510(8)(A) (1 Pages)

WACS Facility ID #: 41193
WACS Testsite ID #: 0
WACS Testsite Name: Duplicate
Water Classification: G-II
(I = LC - Leachate, G-II, SW-III(F))

Sample Date/Time: 1/6/2011 12:00:00AM
Sampling Method: Unknown
Permitted
Well Type: OT

(AS) Assessment
(BG) Background
(CO) Compliance
(DE) Detection
(DG) Downgradient
(IM) Intermediate
(IW) Irrigation Well
(OT) Other
(PZ) Piezometer
(SO) Source
(UP) Upgradient
(WS) Water Supply

* Well Purged prior to
Sample Collection? (Y/N): Y

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
000940	Chloride	N	E84282	300	1/12/2011 12:45:00PM	11	0.2	mg/L	
000929	Sodium	N	E84282	60108	1/11/2011 9:31:00AM	7.8	0.31	mg/L	
070300	Total Dissolved Solids	N	E84282	SM 2540C	1/10/2011 4:24:00PM	100	5	mg/L	
000810	Ammonia as N	N	E84282	350.1	1/12/2011 11:44:00AM	0.51	0.01	mg/L	

Total Parameters Monitored: 4

* Well purging is the process of pumping the well prior to sampling in order to obtain a representative ground water sample.

Printed: 1/17/2011
Page 1 of 1

Facility Name: SOUTHEAST COUNTY SLF (PICNIC LF)

PARAMETER MONITORING REPORT

Rule 62-701

WACS Report Type: SEMGW

Description: Semiannual Gw: 62-701.510(8)(A) (1 Pages)

WACS Facility ID #: 41193

Sample Date/Time: 1/6/2011 9:50:00AM

WACS Testsite ID #:

Sampling Method:

WACS Testsite Name: Equipment Blank

Permitted

Water Classification:

Well Type:

(i.e.: LC - Leachate, G-II, SW-I/UF)

(AS) Assessment
(BG) Background
(CO) Compliance
(DE) Detection
(DG) Downgradient
(IM) Intermediate

(IW) Irrigation Well
(OT) Other
(PZ) Piezometer
(SQ) Source
(UP) Upgradient
(WS) Water Supply

* Well Purged prior to
Sample Collection? (Y/N):

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAP Lab Certification (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
000940	Chloride	N	E84282	300	1/12/2011 12:56:00PM	0.2	0.2	mg/L	U
000929	Sodium	N	E84282	6010B	1/11/2011 9:35:00AM	0.31	0.31	mg/L	I
000610	Ammonia as N	N	E84282	350.1	1/12/2011 11:46:00AM	0.087	0.01	mg/L	
070300	Total Dissolved Solids	N	E84282	SM 2540C	1/10/2011 4:25:00PM	5	5	mg/L	U

Total Parameters Monitored: 4

* Well purging is the process of pumping the well prior to sampling in order to obtain a representative ground water sample.

Printed: 1/17/2011

Page 1 of 1

Facility Name: SOUTHEAST COUNTY SLF (PICNIC LF)

PARAMETER MONITORING REPORT

Rule 62-701

WACS Report Type: SEMGW

Description: Semiannual Gw: 62-701.510(8)(A) (1 Pages)

WACS Facility ID #: 41193
 WACS Testsite ID #: 0
 WACS Testsite Name: TH-42
 Water Classification: G-II
(I = LC - Leachate, G-II, SW-IIIF)

Sample Date/Time: 1/6/2011 10:42:00AM
 Sampling Method: Unknown

Permitted
 Well Type: OT

(AS) Assessment (RW) Imposition Well
 (BG) Background (OT) Other
 (CO) Compliance (PZ) Piezometer
 (DE) Detection (SO) Source
 (DG) Downgradient (UP) Upgradient
 (IM) Intermediate (WS) Water Supply

* Well Purged prior to
 Sample Collection? (Y/N): Y

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
000610	Ammonia as N	N	E84282	350.1	1/12/2011 11:47:00AM	0.16	0.01	mg/L	
000299	Dissolved Oxygen	N	E84282	DEP-SOP	1/6/2011 10:42:00AM	0.81		mg/L	
000094	Conductivity	N	E84282	DEP-SOP	1/6/2011 10:42:00AM	427		umhos/cm	
082079	Turbidity	N	E84282	DEP-SOP	1/6/2011 10:42:00AM	234.4		NTU	
000940	Chloride	N	E84282	300	1/12/2011 2:23:00PM	18	0.2	mg/L	J
000929	Sodium	N	E84282	6010B	1/11/2011 9:38:00AM	15	0.31	mg/L	
000406	Field pH	N	E84282	DEP-SOP	1/6/2011 10:42:00AM	7.24		SU	
070300	Total Dissolved Solids	N	E84282	SM 2540C	1/10/2011 4:25:00PM	300	5	mg/L	
000010	Field Temperature	N	E84282	DEP-SOP	1/6/2011 10:42:00AM	23.52		Degrees C	

Total Parameters Monitored: 9

* Well purging is the process of pumping the well prior to sampling in order to obtain a representative ground water sample.

Printed: 1/17/2011

Page 1 of 1

Facility Name: SOUTHEAST COUNTY SLF (PICNIC LF)

PARAMETER MONITORING REPORT

Rule 62-701

WACS Report Type: SEMGW

Description: Semiannual Gw: 62-701.510(8)(A) (1 Pages)

WACS Facility ID #: 41193
WACS Testsite ID #: 0
WACS Testsite Name: Sup1
Water Classification: G-II
(i.e. LC - Leachate, G-II, SW-III(F))

Sample Date/Time: 1/7/2011 10:57:00AM
Sampling Method: Unknown
Permitted
Well Type: OT

(AS) Assessment (RW) Irrigation Well
(BG) Background (OT) Other
(CO) Compliance (PZ) Piezometer
(DE) Detection (SO) Source
(DG) Downgradient (UP) Upgradient
(IM) Intermediate (WS) Water Supply

* Well Purged prior to
Sample Collection? (Y/N): Y

STORET Code	Parameter Monitored	Field Flagged (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
000610	Ammonia as N	N	E84282	350.1	1/12/2011 11:48:00AM	0.18	0.01	mg/L	
000010	Field Temperature	N	E84282	DEP-SOP	1/7/2011 10:57:00AM	21.04		Degrees C	
000299	Dissolved Oxygen	N	E84282	DEP-SOP	1/7/2011 10:57:00AM	1.9		mg/L	
000094	Conductivity	N	E84282	DEP-SOP	1/7/2011 10:57:00AM	387		umhos/cm	
082079	Turbidity	N	E84282	DEP-SOP	1/7/2011 10:57:00AM	0.1		NTU	
000929	Sodium	N	E84282	60108	1/11/2011 8:56:00AM	13	0.31	mg/L	
000940	Chloride	N	E84282	300	1/11/2011 2:27:00PM	18	0.2	mg/L	
000406	Field pH	N	E84282	DEP-SOP	1/7/2011 10:57:00AM	7.51		SU	
070300	Total Dissolved Solids	N	E84282	SM 2540C	1/10/2011 4:26:00PM	210	5	mg/L	

Total Parameters Monitored: 9

* Well purging is the process of pumping the well prior to sampling in order to obtain a representative ground water sample.

Printed: 1/17/2011
Page 1 of 1

Facility Name: SOUTHEAST COUNTY SLF (PICNIC LF)

PARAMETER MONITORING REPORT

Rule 62-701

WACS Report Type: SEMGW

Description: Semiannual Gw: 62-701.510(8)(A) (1 Pages)

WACS Facility ID #: 41193
WACS Testsite ID #: 0
WACS Testsite Name: Sup2
Water Classification: G-II
(G-I: LC - Leachate, G-II, SW-II(F))

Sample Date/Time: 1/7/2011 10:19:00AM
Sampling Method: Unknown
Permitted
Well Type: OT

(AS) Assessment
(BG) Background
(CO) Compliance
(DE) Detection
(DG) Downgradient
(IW) Intermediate
(IW) Irrigation Well
(OT) Other
(PZ) Piezometer
(SO) Source
(UP) Upgradient
(WS) Water Supply

* Well Purged prior to
Sample Collection? (Y/N): Y

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
000940	Chloride	N	E84282	300	1/11/2011 2:39:00PM	12	0.2	mg/L	
000299	Dissolved Oxygen	N	E84282	DEP-SOP	1/7/2011 10:19:00AM	0.29		mg/L	
000094	Conductivity	N	E84282	DEP-SOP	1/7/2011 10:19:00AM	378		umhos/cm	
070300	Total Dissolved Solids	N	E84282	SM 2540C	1/10/2011 4:26:00PM	200	5	mg/L	
000010	Field Temperature	N	E84282	DEP-SOP	1/7/2011 10:19:00AM	24.19		Degrees C	
000610	Ammonia as N	N	E84282	350.1	1/12/2011 11:49:00AM	0.16	0.01	mg/L	
000408	Field pH	N	E84282	DEP-SOP	1/7/2011 10:19:00AM	7.57		SU	
000929	Sodium	N	E84282	8010B	1/11/2011 9:00:00AM	9.2	0.31	mg/L	
082079	Turbidity	N	E84282	DEP-SOP	1/7/2011 10:19:00AM	0.1		NTU	

Total Parameters Monitored: 9

* Well purging is the process of pumping the well prior to sampling in order to obtain a representative ground water sample.

Printed: 1/17/2011

Page 1 of 1

Morris, John R.

From: Adams, David [AdamsDS@HillsboroughCounty.ORG]
Sent: Wednesday, August 10, 2011 11:46 AM
To: Morris, John R.
Cc: Ruiz, Larry; Berry, Patricia; Miller, Megan; Pelley, Cindy; Townsel, Michael
Subject: Proposed wells TH-74 and TH-75 at Southeast County Landfill
Attachments: proposed wells 8-11.pdf

John,

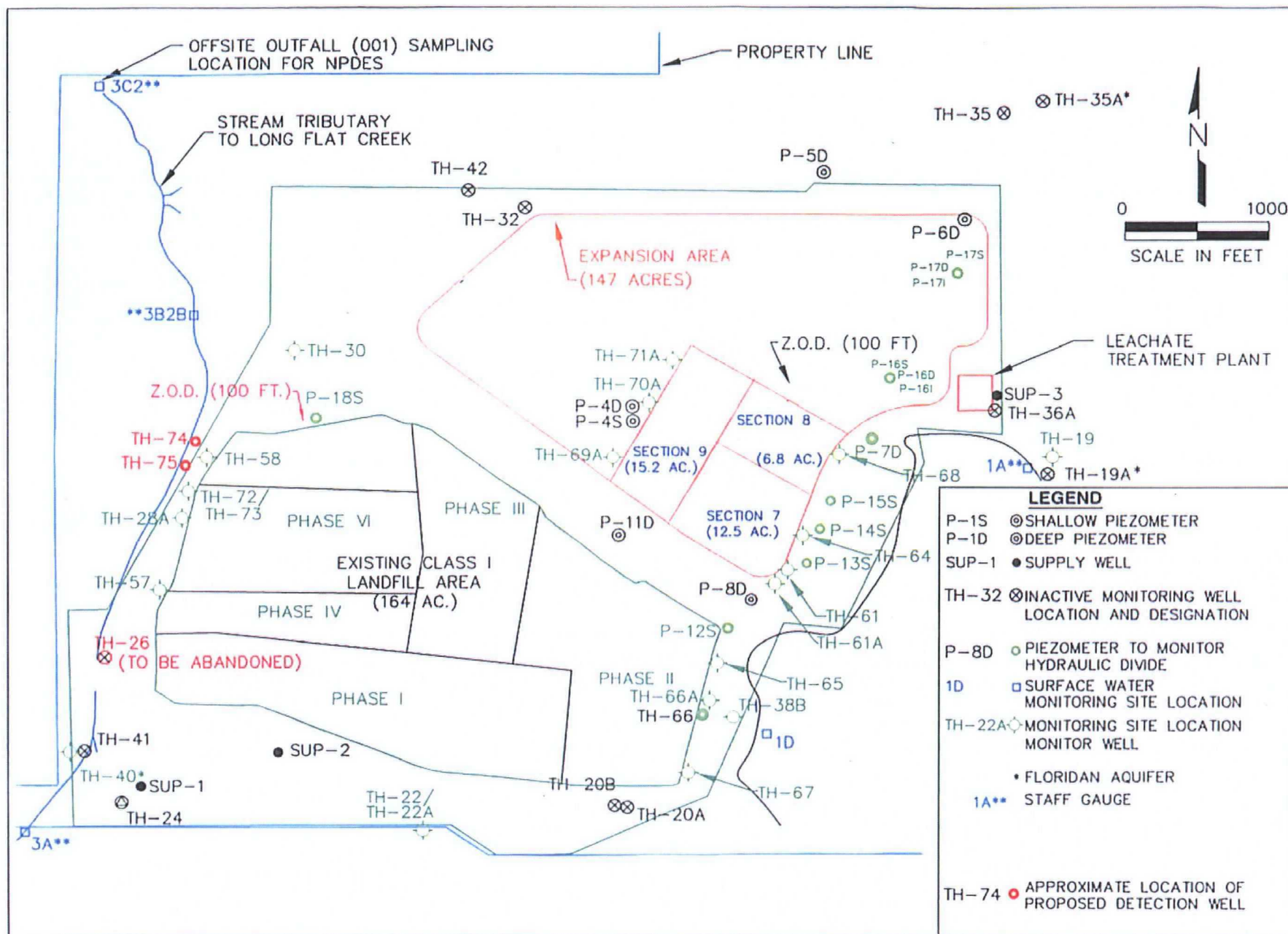
Attached please find a site location map, proposed construction detail diagram and a local map of survey for the two wells proposed to be installed down gradient of TH-58. After you have a chance to look at the information provided, let me know as soon as you can, as we are ready to schedule the work.

Thanks,

David S. Adams, P.G.
Environmental Manager
Public Utilities Department - BSOC
Hillsborough County BOCC
phone: 813.272.5977 ext. 43944
e-mail: adamsds@hillsboroughcounty.org
web: <http://www.hillsboroughcounty.org>

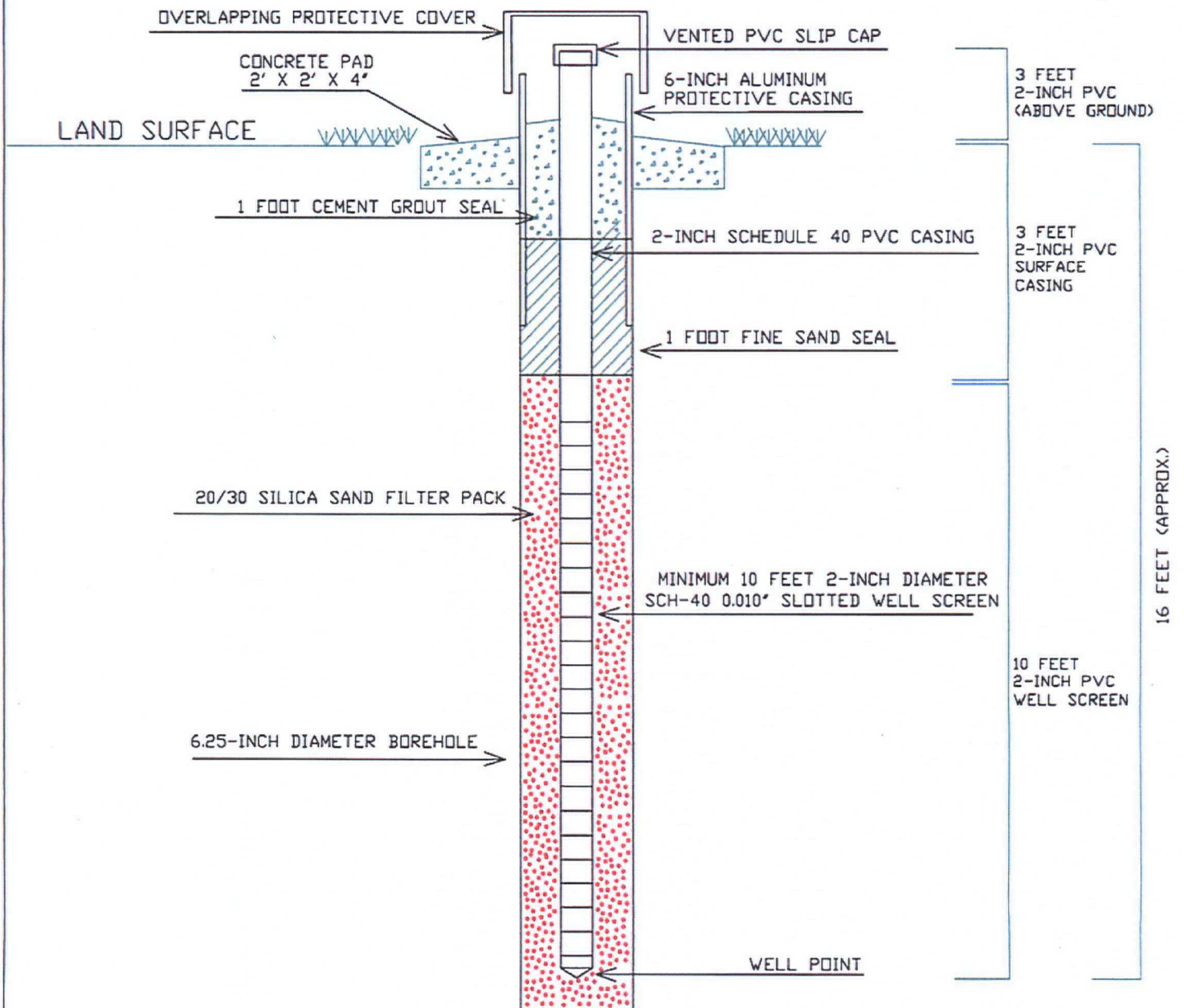
Please note: all correspondence to or from this office is subject to Florida's Public Records laws.





Southeast County Landfill
Groundwater Monitoring Site Map – August 2011

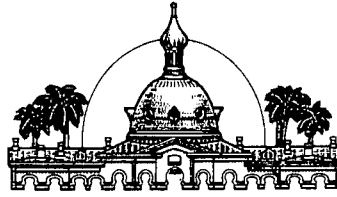
SURFICIAL AQUIFER MONITORING WELL TH-74 AND TH-75



NOT TO SCALE

SOUTHEAST COUNTY LANDFILL
PUBLIC UTILITIES DEPARTMENT
ENVIRONMENTAL SERVICES

CONSTRUCTION DETAIL DIAGRAM
SURFICIAL GROUNDWATER MONITOR WELLS
TH-74 AND TH-75



Hillsborough County
Florida

Office of the County Administrator
Patricia G. Bean

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January 17, 2007

Dept. of Environmental
Protection

JAN 18 2007

Ms. Susan Pelz, P.E.
Florida Department of Environmental Protection
Solid Waste Section
13051 Telecom Parkway
Temple Terrace, FL 33637

Southwest District

Re: **Southeast County Landfill
Leachate Treatment Plant
Effluent Analytical Data – Fourth Quarter (October - December, 2006)**

Dear Ms. Pelz:

In accordance with Specific Condition No. 32(b) of the Operation Permit No. 35435-006-SO, the Hillsborough County Solid Waste Management Department (SWMD) is pleased to provide the analytical data for the fourth quarter effluent sampling of the leachate treatment plant at the Southeast County Landfill (SCLF). The referenced permit requires the SWMD to sample the leachate effluent and record the pH value on a weekly basis. Daily effluent pH readings from the leachate plant during these three months ranged from 8.29 – 8.86 pH units. The permit also requires that a monthly sample of the effluent be collected and analyzed for Biochemical Oxygen Demand (BOD), Chemical Oxygen Demand (COD), Total Suspended Solids (TSS), Total Dissolved Solids (TDS), and Nitrate.

On October 4 and November 1, 2006, the SWMD collected the required effluent samples from the dedicated effluent sampling port at the treatment plant. A sample for December 2006 was not collected due to the plant being shut down for inspection and maintenance. The monthly samples were analyzed by our contracted laboratory, Severn Trent Laboratories, Inc. for the parameters listed above. Analytical data sheets are provided within this report for your technical review.

Nitrate values observed during this monitoring period were below detection limits (BDL) in October and 39 milligrams per liter (mg/l) in November. TDS values were observed during these months at concentrations of 5,800 mg/l and 5,900 mg/l, respectively.

Ms. Susan Pelz
January 17, 2007
Page 2

Should you have any questions or comments concerning the information provided in this submittal, please feel free to contact me at (813) 276-2908 or David Adams at (813) 276-2944.

Sincerely,



Patricia V. Berry
Landfill Services Section Manager
Solid Waste Management Department

PVB/mdt
Enclosures

xc: Larry Ruiz, SWMD
David Adams, P.G., SWMD
Daniel Orlosky, SWMD
Ron Cope, EPC

enviro/projects/self/leachate plant/ltp-effluent-4thqtr2006.doc

Mr. Jim Clayton
Hillsborough County
Solid Waste Management Department
PO BOX 1110
24th Floor
Tampa, FL 33601

Job Number: 660-11578-1

Client Sample ID: LEACHATE EFF
Lab Sample ID: 660-11578-1

Date Sampled: 10/04/2006 1125
Date Received: 10/04/2006 1520
Client Matrix: Water
Percent Solids:

Analyte	Result/Qualifier	Unit	NONE	Dilution
Method: Field Sampling	Date Analyzed:	10/04/2006 1125		
Field pH	8.38	SU		1.0
Field Temperature	31.10	Degrees C		1.0
Specific Conductance	11282	umhos/cm		1.0

Mr. Jim Clayton
Hillsborough County
Solid Waste Management Department
PO BOX 1110
24th Floor
Tampa, FL 33601

Job Number: 660-11578-1

Client Sample ID: LEACHATE EFF
Lab Sample ID: 660-11578-1

Date Sampled: 10/04/2006 1125
Date Received: 10/04/2006 1520
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Method: 353.2	Date Analyzed:		10/05/2006 0729			
Nitrate Nitrogen	0.10	U	mg/L	0.10	0.50	1.0

Mr. Jim Clayton
Hillsborough County
Solid Waste Management Department
PO BOX 1110
24th Floor
Tampa, FL 33601

Job Number: 660-11578-1

Client Sample ID: LEACHATE EFF
Lab Sample ID: 660-11578-1

Date Sampled: 10/04/2006 1125
Date Received: 10/04/2006 1520
Client Matrix: Water

Analyte	Result/Qualifier	Unit	PQL	PQL	Dilution
Method: 160.1	Date Analyzed:	10/11/2006 1943			
Total Dissolved Solids	5800	mg/L	25	25	1.0
Method: 160.2	Date Analyzed:	10/05/2006 1735			
Total Suspended Solids	35	mg/L	2.3	2.3	1.0
Method: 405.1	Date Analyzed:	10/05/2006 1222			
Biochemical Oxygen Demand	6.2	mg/L	2.0	2.0	1.0
Method: 5220C	Date Analyzed:	10/11/2006 1000			
Chemical Oxygen Demand	390	mg/L	20	20	1.0



STL

Mr. Jim Clayton
Hillsborough County
Solid Waste Management Department
PO BOX 1110
24th Floor
Tampa, FL 33601

Job Number: 660-11578-1

Client Sample ID: EQUIPMENT BLANK
Lab Sample ID: 660-11578-2

Date Sampled: 10/04/2006 1120
Date Received: 10/04/2006 1520
Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
Method: 353.2	Date Analyzed:	10/05/2006 0729			
Nitrate Nitrogen	0.10 U	mg/L	0.10	0.50	1.0

Mr. Jim Clayton
Hillsborough County
Solid Waste Management Department
PO BOX 1110
24th Floor
Tampa, FL 33601

Job Number: 660-11578-1

Client Sample ID: EQUIPMENT BLANK
Lab Sample ID: 660-11578-2

Date Sampled: 10/04/2006 1120
Date Received: 10/04/2006 1520
Client Matrix: Water

Analyte	Result/Qualifier		Unit	PQL	PQL	Dilution
Method: 160.1	Date Analyzed:		10/05/2006	1429		
Total Dissolved Solids	5.0	U	mg/L	5.0	5.0	1.0
Method: 160.2	Date Analyzed:		10/05/2006	1735		
Total Suspended Solids	1.0	U	mg/L	1.0	1.0	1.0
Method: 405.1	Date Analyzed:		10/05/2006	1228		
Biochemical Oxygen Demand	2.0	U	mg/L	2.0	2.0	1.0
Method: 5220C	Date Analyzed:		10/11/2006	1000		
Chemical Oxygen Demand	20	U	mg/L	20	20	1.0

DATA REPORTING QUALIFIERS

Client: Hillsborough County

Job Number: 660-11578-1

Lab Section	Qualifier	Description
General Chemistry	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.

Mr. Jim Clayton
Hillsborough County
Solid Waste Management Department
PO BOX 1110
24th Floor
Tampa, FL 33601

Job Number: 660-12101-1

Client Sample ID: Leachate Eff
Lab Sample ID: 660-12101-1

Date Sampled: 11/01/2006 1145
Date Received: 11/01/2006 1530
Client Matrix: Water
Percent Solids:

Analyte	Result/Qualifier	Unit	NONE	Dilution
Method: Field Sampling	Date Analyzed:	11/01/2006 1145		
Field pH	8.29	SU		1.0
Field Temperature	29.03	Degrees C		1.0
Oxygen, Dissolved	7.82	mg/L		1.0
Specific Conductance	11332	umhos/cm		1.0

Mr. Jim Clayton
Hillsborough County
Solid Waste Management Department
PO BOX 1110
24th Floor
Tampa, FL 33601

Job Number: 660-12101-1

Client Sample ID: Leachate Eff
Lab Sample ID: 660-12101-1

Date Sampled: 11/01/2006 1145
Date Received: 11/01/2006 1530
Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
Method: 353.2	Date Analyzed:	11/03/2006 1033			
Nitrate Nitrogen	39	mg/L	0.10	0.50	1.0

Mr. Jim Clayton
Hillsborough County
Solid Waste Management Department
PO BOX 1110
24th Floor
Tampa, FL 33601

Job Number: 660-12101-1

Client Sample ID: Leachate Eff
Lab Sample ID: 660-12101-1

Date Sampled: 11/01/2006 1145
Date Received: 11/01/2006 1530
Client Matrix: Water

Analyte	Result/Qualifier	Unit	PQL	PQL	Dilution
Method: 160.1	Date Analyzed:	11/08/2006 1557			
Total Dissolved Solids	5900	mg/L	250	250	1.0
Method: 160.2	Date Analyzed:	11/08/2006 2012			
Total Suspended Solids	32	mg/L	1.0	1.0	1.0
Method: 405.1	Date Analyzed:	11/02/2006 1821			
Biochemical Oxygen Demand	4.2	mg/L	2.0	2.0	1.0
Method: 5220C	Date Analyzed:	11/14/2006 1200			
Chemical Oxygen Demand	240	mg/L	20	20	1.0

Mr. Jim Clayton
Hillsborough County
Solid Waste Management Department
PO BOX 1110
24th Floor
Tampa, FL 33601

Job Number: 660-12101-1

Client Sample ID: Equipment Blank
Lab Sample ID: 660-12101-2

Date Sampled: 11/01/2006 1140
Date Received: 11/01/2006 1530
Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
Method: 353.2	Date Analyzed:	11/03/2006 1033			
Nitrate Nitrogen	0.10 U	mg/L	0.10	0.50	1.0

Mr. Jim Clayton
Hillsborough County
Solid Waste Management Department
PO BOX 1110
24th Floor
Tampa, FL 33601

Job Number: 660-12101-1

Client Sample ID: Equipment Blank
Lab Sample ID: 660-12101-2

Date Sampled: 11/01/2006 1140
Date Received: 11/01/2006 1530
Client Matrix: Water

Analyte	Result/Qualifier		Unit	PQL	PQL	Dilution
Method: 160.1	Date Analyzed:		11/08/2006	1557		
Total Dissolved Solids	5.0	U	mg/L	5.0	5.0	1.0
Method: 160.2	Date Analyzed:		11/08/2006	2012		
Total Suspended Solids	1.6		mg/L	1.0	1.0	1.0
Method: 405.1	Date Analyzed:		11/02/2006	1827		
Biochemical Oxygen Demand	2.0	U	mg/L	2.0	2.0	1.0
Method: 5220C	Date Analyzed:		11/14/2006	1200		
Chemical Oxygen Demand	20	U	mg/L	20	20	1.0

DATA REPORTING QUALIFIERS

Client: Hillsborough County

Job Number: 660-12101-1

Lab Section	Qualifier	Description
General Chemistry		
	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.

Morris, John R.

From: Adams, David [AdamsDS@HillsboroughCounty.ORG]
Sent: Thursday, August 11, 2011 8:18 AM
To: Morris, John R.
Subject: FW: Wells Survey
Attachments: 12131-1-SP-WELLS-preliminary.pdf

John,

I already sent a scanned copy of this, but thought you might like the color version.

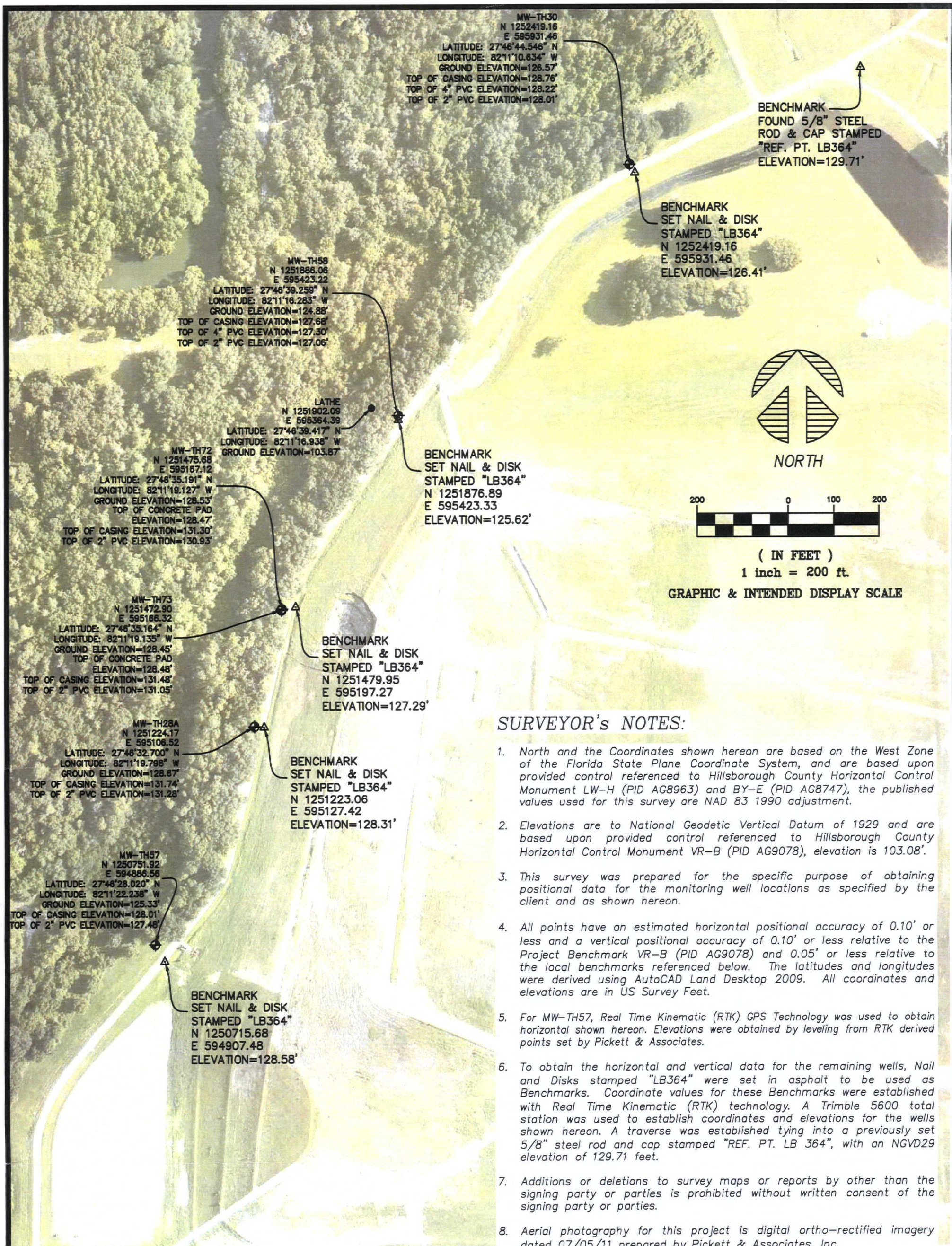
From: Ruiz, Larry
Sent: Wednesday, August 10, 2011 12:30 PM
To: Adams, David
Cc: Greene, Pamela
Subject: Wells Survey

As requested, attached find the draft survey. Picket is waiting for our approval, please review and comment. Thanks.
ps. I do not have any comments.

Larry E. Ruiz
General Manager III
Public Utilities Department,
Solid Waste Management Group
Hillsborough County BOCC
p: 813.671-7707 | f: 813.671-7739
c: 813.503-6671
e: RuizLe@hillsboroughcounty.org
w: <http://www.hillsboroughcounty.org>

Please note: all correspondence to or from this office is subject to Florida's Public Records laws.





SURVEYOR'S NOTES:

1. North and the Coordinates shown hereon are based on the West Zone of the Florida State Plane Coordinate System, and are based upon provided control referenced to Hillsborough County Horizontal Control Monument LW-H (PID AG8963) and BY-E (PID AG8747), the published values used for this survey are NAD 83 1990 adjustment.
2. Elevations are to National Geodetic Vertical Datum of 1929 and are based upon provided control referenced to Hillsborough County Horizontal Control Monument VR-B (PID AG9078), elevation is 103.08'.
3. This survey was prepared for the specific purpose of obtaining positional data for the monitoring well locations as specified by the client and as shown hereon.
4. All points have an estimated horizontal positional accuracy of 0.10' or less and a vertical positional accuracy of 0.10' or less relative to the Project Benchmark VR-B (PID AG9078) and 0.05' or less relative to the local benchmarks referenced below. The latitudes and longitudes were derived using AutoCAD Land Desktop 2009. All coordinates and elevations are in US Survey Feet.
5. For MW-TH57, Real Time Kinematic (RTK) GPS Technology was used to obtain horizontal shown hereon. Elevations were obtained by leveling from RTK derived points set by Pickett & Associates.
6. To obtain the horizontal and vertical data for the remaining wells, Nail and Disks stamped "LB364" were set in asphalt to be used as Benchmarks. Coordinate values for these Benchmarks were established with Real Time Kinematic (RTK) technology. A Trimble 5600 total station was used to establish coordinates and elevations for the wells shown hereon. A traverse was established tying into a previously set 5/8" steel rod and cap stamped "REF. PT. LB 364", with an NGVD29 elevation of 129.71 feet.
7. Additions or deletions to survey maps or reports by other than the signing party or parties is prohibited without written consent of the signing party or parties.
8. Aerial photography for this project is digital ortho-rectified imagery dated 07/05/11 prepared by Pickett & Associates, Inc.

LEGEND

WM-TH MONITORING WELL AND NUMBER (PROVIDED)
PVC POLYVINYL CHLORIDE PIPE

GREGORY A. PRATHER, P.S.M.
FLORIDA REGISTRATION No. 5135
PICKETT AND ASSOCIATES, INC.
FLORIDA REGISTRATION No. LB 364

INTERESTING
AERIAL
PHOTO

08/03/11

SURVEY DATE

SPECIFIC PURPOSE SURVEY

LOCATED IN SECTIONS 14,15,22 & 23
TOWNSHIP 31 SOUTH, RANGE 21 EAST,
PREPARED FOR: WASTE MANAGEMENT



PICKETT
SURVEYING & PHOTOGRAMMETRY
PICKETT & ASSOCIATES, INC.
LICENSED BUSINESS No. LB364

475 SOUTH FIRST AVENUE
BARTOW, FLORIDA 33830
PHONE: (863)-533-8085
FAX: (863)-534-1464

Sheet No. 1 of 1	Project No.: 12131-1	Horiz. Scale: 1" = 200'	Drawing Name: 12131-1-SP
Drawn by: GBA	Drawing No.: SD 2992	Field Book 774, Page 53-64	

NOT VALID WITHOUT
THE SIGNATURE AND
THE ORIGINAL RAISED
SEAL OF A FLORIDA
LICENSED SURVEYOR
AND MAPPER.

Morris, John R.

From: Adams, David [AdamsDS@HillsboroughCounty.ORG]
Sent: Thursday, March 24, 2011 2:35 PM
To: Morris, John R.
Subject: FW: Files from 660-40153-1 Southeast Landfill
Attachments: J40153-1 FI_L2_SmpSort Final Report.pdf

EVENT #12

March 10-11

From: Robertson, Nancy [<mailto:nancy.robertson@testamericainc.com>]
Sent: Wednesday, March 23, 2011 12:31 PM
To: Adams, David; Clayton, James; Townsel, Michael
Subject: Files from 660-40153-1 Southeast Landfill

DATA COPIES

NANCY ROBERTSON

TestAmerica Tampa

THE LEADER IN ENVIRONMENTAL TESTING

Tel: 813.885.7427
www.testamericainc.com

Reference: [059396]
Attachments: 1

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Please consider the environment before printing this e-mail.

ANALYTICAL REPORT

Job Number: 660-40153-1

Job Description: Southeast Landfill

For:
Hillsborough County
Solid Waste Management Department
601 East Kennedy Blvd
24th Floor County Center
Tampa, FL 33601
Attention: Mr. David S Adams



Approved for release
Nancy Robertson
Project Manager II
3/23/2011 12:26 PM

Nancy Robertson
Project Manager II
nancy.robertson@testamericainc.com
03/23/2011

cc: Mr. Jim Clayton
Mr. Michael Townsel

Methods: FDEP, DOH Certification #: TestAmerica Tampa E84282

These test results meet all the requirements of NELAC unless specified in the case narrative. All questions regarding this test report should be directed to the TestAmerica Project Manager who signed this test report. The estimated uncertainty associated with these reported results is available upon request. The results contained in this test report relate only to these samples included herein.

TestAmerica Laboratories, Inc.

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

Tel (813) 885-7427 Fax (813) 885-7049 www.testamericainc.com



Job Narrative
660-40153-1

Comments

No additional comments.

Receipt

All samples were received in good condition within temperature requirements.

GC/MS VOA

Method 8260B: A full list spike was utilized for this method. Due to the large number of spiked analytes, there is a high probability that one or more analytes will recover outside acceptance limits. The laboratory's SOP allows for 5 analytes to recover outside criteria. The LCS and matrix spike associated with batch 107720 had 3 analytes outside control limits. The associated samples are flagged with J3.

No other analytical or quality issues were noted.

GC/MS Semi VOA

Method 8270C: Due to the level of dilution required, the matrix spike (MS) recoveries for batch 107712 were outside lower control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria.

No other analytical or quality issues were noted.

Metals

Method 6010B: Samples TH-42 had a positive result for lead. The sample had high field turbidity and sediment at the bottom of the metals bottle received in the laboratory. Due to this fact, re analysis was not performed. We can conclude that the sediment attributed to the sample result.

No analytical or quality issues were noted.

General Chemistry

Method 300.0: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 107752 were outside control limits for chloride. The associated laboratory control sample (LCS) recovery met acceptance criteria.

Method 350.1: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 107644 were outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria. The sample is flagged with J3.

Method 350.1: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 107776 were outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria. The sample is flagged with J3.

No other analytical or quality issues were noted.

EXECUTIVE SUMMARY - Detections

Client: Hillsborough County

Job Number: 660-40153-1

Lab Sample ID Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
660-40153-1	TH-19 WACS# 821				
Field pH		7.51		SU	Field Sampling
Field Temperature		23.34		Degrees C	Field Sampling
Oxygen, Dissolved		0.33		mg/L	Field Sampling
Specific Conductance		400		umhos/cm	Field Sampling
Turbidity		0.2		NTU	Field Sampling
Chloride		8.1	0.50	mg/L	300.0
Ammonia as N		0.23	0.020	mg/L	350.1
Total Dissolved Solids		230	5.0	mg/L	SM 2540C
Total Recoverable					
Lead		3.3	I	10	ug/L 6010B
Sodium		13		0.50	mg/L 6010B
660-40153-2	TH-30 WACS# 1065				
Field pH		4.71		SU	Field Sampling
Field Temperature		23.58		Degrees C	Field Sampling
Oxygen, Dissolved		0.16		mg/L	Field Sampling
Specific Conductance		231		umhos/cm	Field Sampling
Turbidity		3.9		NTU	Field Sampling
Chloride		57	1.0	mg/L	300.0
Ammonia as N		0.96	J3 0.020	mg/L	350.1
Total Dissolved Solids		130	5.0	mg/L	SM 2540C
Total Recoverable					
Iron		190	I	200	ug/L 6010B
Sodium		20		0.50	mg/L 6010B
660-40153-3	TH-42 WACS# 823				
Field pH		7.41		SU	Field Sampling
Field Temperature		23.42		Degrees C	Field Sampling
Oxygen, Dissolved		0.37		mg/L	Field Sampling
Specific Conductance		503		umhos/cm	Field Sampling
Turbidity		57.5		NTU	Field Sampling
Chloride		17	0.50	mg/L	300.0
Ammonia as N		0.26	0.020	mg/L	350.1
Total Dissolved Solids		310	5.0	mg/L	SM 2540C
Total Recoverable					
Chromium		12		10	ug/L 6010B
Iron		1200		200	ug/L 6010B
Lead		17		10	ug/L 6010B
Sodium		15		0.50	mg/L 6010B

EXECUTIVE SUMMARY - Detections

Client: Hillsborough County

Job Number: 660-40153-1

Lab Sample ID Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
660-40153-4	TH-72 WACS# 27753				
Field pH		7.41		SU	Field Sampling
Field Temperature		22.73		Degrees C	Field Sampling
Oxygen, Dissolved		1.26		mg/L	Field Sampling
Specific Conductance		551		umhos/cm	Field Sampling
Turbidity		0.9		NTU	Field Sampling
Chloride		30	0.50	mg/L	300.0
Ammonia as N		0.18	0.020	mg/L	350.1
Total Dissolved Solids		320	5.0	mg/L	SM 2540C
Total Recoverable					
Iron		350	200	ug/L	6010B
Lead		3.5	10	ug/L	6010B
Sodium		31	0.50	mg/L	6010B
660-40153-5	DUPLICATE				
Chloride		17	0.50	mg/L	300.0
Ammonia as N		0.20	0.020	mg/L	350.1
Total Dissolved Solids		300	5.0	mg/L	SM 2540C
Total Recoverable					
Chromium		11	10	ug/L	6010B
Iron		1200	200	ug/L	6010B
Lead		16	10	ug/L	6010B
Sodium		16	0.50	mg/L	6010B
660-40153-6	TH-73 WACS# 27754				
Field pH		5.56		SU	Field Sampling
Field Temperature		25.97		Degrees C	Field Sampling
Oxygen, Dissolved		0.66		mg/L	Field Sampling
Specific Conductance		371		umhos/cm	Field Sampling
Turbidity		8.3		NTU	Field Sampling
Chloride		60	1.0	mg/L	300.0
Ammonia as N		1.7	0.020	mg/L	350.1
Total Dissolved Solids		170	5.0	mg/L	SM 2540C
Total Recoverable					
Chromium		3.4	10	ug/L	6010B
Iron		21000	200	ug/L	6010B
Sodium		27	0.50	mg/L	6010B

EXECUTIVE SUMMARY - Detections

Client: Hillsborough County

Job Number: 660-40153-1

Lab Sample ID	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
660-40153-7	BLANK, EQUIPMENT				
Ammonia as N		0.080	0.020	mg/L	350.1
<i>Total Recoverable</i>					
Sodium		0.53	0.50	mg/L	6010B
660-40172-1	TH-57 WACS# 1570				
Field pH		5.24		SU	Field Sampling
Field Temperature		26.70		Degrees C	Field Sampling
Oxygen, Dissolved		0.37		mg/L	Field Sampling
Specific Conductance		167		umhos/cm	Field Sampling
Turbidity		0.5		NTU	Field Sampling
Chloride		38	0.50	mg/L	300.0
Ammonia as N		0.83	0.020	mg/L	350.1
Total Dissolved Solids		98	5.0	mg/L	SM 2540C
<i>Total Recoverable</i>					
Iron		450	200	ug/L	6010B
Sodium		11	0.50	mg/L	6010B
660-40172-2	TH-40 WACS# 822				
Field pH		7.66		SU	Field Sampling
Field Temperature		23.30		Degrees C	Field Sampling
Oxygen, Dissolved		0.43		mg/L	Field Sampling
Specific Conductance		351		umhos/cm	Field Sampling
Turbidity		0.1		NTU	Field Sampling
Chloride		8.0	0.50	mg/L	300.0
Ammonia as N		0.33 J3	0.020	mg/L	350.1
Total Dissolved Solids		210	5.0	mg/L	SM 2540C
<i>Total Recoverable</i>					
Lead		2.6 I	10	ug/L	6010B
Sodium		16	0.50	mg/L	6010B

EXECUTIVE SUMMARY - Detections

Client: Hillsborough County

Job Number: 660-40153-1

Lab Sample ID Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
660-40172-3	SUP 1 WACS# 27755				
Field pH		7.66		SU	Field Sampling
Field Temperature		24.37		Degrees C	Field Sampling
Oxygen, Dissolved		0.07		mg/L	Field Sampling
Specific Conductance		330		umhos/cm	Field Sampling
Turbidity		0.3		NTU	Field Sampling
Chloride		9.7	0.50	mg/L	300.0
Ammonia as N		0.17	0.020	mg/L	350.1
Total Dissolved Solids		190	5.0	mg/L	SM 2540C
Total Recoverable					
Lead		3.0 I	10	ug/L	6010B
Sodium		8.6	0.50	mg/L	6010B
660-40172-4	TH-28A WACS# 19862				
Field pH		5.24		SU	Field Sampling
Field Temperature		26.54		Degrees C	Field Sampling
Oxygen, Dissolved		0.80		mg/L	Field Sampling
Specific Conductance		210		umhos/cm	Field Sampling
Turbidity		4.8		NTU	Field Sampling
Chloride		46	0.50	mg/L	300.0
Ammonia as N		0.88	0.020	mg/L	350.1
Total Dissolved Solids		110	5.0	mg/L	SM 2540C
Total Recoverable					
Iron		2800	200	ug/L	6010B
Sodium		18	0.50	mg/L	6010B
660-40172-5	TH-58 WACS# 1571				
Field pH		5.76		SU	Field Sampling
Field Temperature		25.38		Degrees C	Field Sampling
Oxygen, Dissolved		0.47		mg/L	Field Sampling
Specific Conductance		524		umhos/cm	Field Sampling
Turbidity		0.6		NTU	Field Sampling
Chloride		63	1.0	mg/L	300.0
Ammonia as N		0.68	0.020	mg/L	350.1
Total Dissolved Solids		280	5.0	mg/L	SM 2540C
Total Recoverable					
Arsenic		26	10	ug/L	6010B
Iron		4000	200	ug/L	6010B
Sodium		17	0.50	mg/L	6010B

EXECUTIVE SUMMARY - Detections

Client: Hillsborough County

Job Number: 660-40153-1

Lab Sample ID	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
660-40172-6	SUP 2 WACS# 27756				
Field pH		7.65		SU	Field Sampling
Field Temperature		24.33		Degrees C	Field Sampling
Oxygen, Dissolved		0.06		mg/L	Field Sampling
Specific Conductance		332		umhos/cm	Field Sampling
Turbidity		0.3		NTU	Field Sampling
Chloride		10	0.50	mg/L	300.0
Ammonia as N		0.17	0.020	mg/L	350.1
Total Dissolved Solids		190	5.0	mg/L	SM 2540C
Total Recoverable					
Sodium		8.4	0.50	mg/L	6010B

METHOD SUMMARY

Client: Hillsborough County

Job Number: 660-40153-1

Description	Lab Location	Method	Preparation Method
Matrix Water			
Volatile Organic Compounds (GC/MS)	TAL TAM	SW846 8260B	
Purge and Trap	TAL TAM		SW846 5030B
Semivolatile Organic Compounds (GC/MS)	TAL TAM	SW846 8270C	
Liquid-Liquid Extraction (Continuous)	TAL TAM		SW846 3520C
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, Ammonia	TAL TAM	MCAWW 350.1	
Solids, Total Dissolved (TDS)	TAL TAM	SM SM 2540C	
Field Sampling	TAL TAM	EPA Field Sampling	

Lab References:

TAL TAM = TestAmerica Tampa

Method References:

EPA = US Environmental Protection Agency

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: Hillsborough County

Job Number: 660-40153-1

Method	Analyst	Analyst ID
SW846 8260B	Campbell, Ed	EC
SW846 8270C	Cappelluti, Alyssa	AP
SW846 6010B	Ramos, Salvador	SR
EPA Field Sampling	Sampler, Field	FS
MCAWW 300.0	Steward, Tiffany	TS
MCAWW 350.1	Office, Trey	TO
SM SM 2540C	Oonnoony, Thomas	TO

SAMPLE SUMMARY

Client: Hillsborough County

Job Number: 660-40153-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
660-40153-1	TH-19 WACS# 821	Water	03/10/2011 1057	03/10/2011 1545
660-40153-2	TH-30 WACS# 1065	Water	03/10/2011 1343	03/10/2011 1545
660-40153-3	TH-42 WACS# 823	Water	03/10/2011 1142	03/10/2011 1545
660-40153-4	TH-72 WACS# 27753	Water	03/10/2011 1257	03/10/2011 1545
660-40153-5	DUPLICATE	Water	03/10/2011 0000	03/10/2011 1545
660-40153-6	TH-73 WACS# 27754	Water	03/10/2011 1249	03/10/2011 1545
660-40153-7	BLANK, EQUIPMENT	Water	03/10/2011 1040	03/10/2011 1545
660-40172-1	TH-57 WACS# 1570	Water	03/11/2011 1119	03/11/2011 1415
660-40172-2	TH-40 WACS# 822	Water	03/11/2011 1356	03/11/2011 1415
660-40172-3	SUP 1 WACS# 27755	Water	03/11/2011 1304	03/11/2011 1415
660-40172-4	TH-28A WACS# 19862	Water	03/11/2011 1159	03/11/2011 1415
660-40172-5	TH-58 WACS# 1571	Water	03/11/2011 1159	03/11/2011 1415
660-40172-6	SUP 2 WACS# 27756	Water	03/11/2011 1238	03/11/2011 1415
660-40172-7	Trip Blank	Water	03/10/2011 1037	03/11/2011 1415

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Job Number: 660-40153-1

Client Sample ID: TH-19 WACS# 821
Lab Sample ID: 660-40153-1

Date Sampled: 03/10/2011 1057
Date Received: 03/10/2011 1545
Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
Method: Total Recoverable-6010B			Date Analyzed:	03/15/2011 1305	
Prep Method: 3005A			Date Prepared:	03/14/2011 0802	
Arsenic	4.0 U	ug/L	4.0	10	1.0
Cadmium	1.0 U	ug/L	1.0	4.0	1.0
Chromium	2.0 U	ug/L	2.0	10	1.0
Iron	50 U	ug/L	50	200	1.0
Lead	3.3 I	ug/L	2.0	10	1.0
Sodium	13	mg/L	0.31	0.50	1.0
Method: 300.0			Date Analyzed:	03/11/2011 1204	
Chloride	8.1	mg/L	0.20	0.50	1.0
Method: 350.1			Date Analyzed:	03/14/2011 0946	
Ammonia as N	0.23	mg/L	0.010	0.020	1.0

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Job Number: 660-40153-1

Client Sample ID: TH-19 WACS# 821
Lab Sample ID: 660-40153-1

Date Sampled: 03/10/2011 1057
Date Received: 03/10/2011 1545
Client Matrix: Water

Analyte	Result/Qualifier	Unit	NONE	NONE	Dilution
Method: Field Sampling		Date Analyzed:	03/10/2011 1057		
Field pH	7.51	SU			1.0
Field Temperature	23.34	Degrees C			1.0
Oxygen, Dissolved	0.33	mg/L			1.0
Specific Conductance	400	umhos/cm			1.0
Turbidity	0.2	NTU			1.0

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Job Number: 660-40153-1

Client Sample ID: TH-19 WACS# 821
Lab Sample ID: 660-40153-1

Date Sampled: 03/10/2011 1057
Date Received: 03/10/2011 1545
Client Matrix: Water

Analyte	Result/Qualifier	Unit	PQL	PQL	Dilution
Method: SM 2540C					
Total Dissolved Solids	230	mg/L	5.0	5.0	1.0

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Job Number: 660-40153-1

Client Sample ID: TH-30 WACS# 1065
Lab Sample ID: 660-40153-2

Date Sampled: 03/10/2011 1343
Date Received: 03/10/2011 1545
Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
Method: Total Recoverable-6010B			Date Analyzed: 03/15/2011 1309		
Prep Method: 3005A			Date Prepared: 03/14/2011 0802		
Arsenic	4.0 U	ug/L	4.0	10	1.0
Cadmium	1.0 U	ug/L	1.0	4.0	1.0
Chromium	2.0 U	ug/L	2.0	10	1.0
Iron	190 I	ug/L	50	200	1.0
Lead	2.0 U	ug/L	2.0	10	1.0
Sodium	20	mg/L	0.31	0.50	1.0
Method: 300.0			Date Analyzed: 03/11/2011 1714		
Chloride	57	mg/L	0.40	1.0	2.0
Method: 350.1			Date Analyzed: 03/16/2011 1320		
Ammonia as N	0.96 J3	mg/L	0.010	0.020	1.0

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Job Number: 660-40153-1

Client Sample ID: TH-30 WACS# 1065
Lab Sample ID: 660-40153-2

Date Sampled: 03/10/2011 1343
Date Received: 03/10/2011 1545
Client Matrix: Water

Analyte	Result/Qualifier	Unit	NONE	NONE	Dilution
Method: Field Sampling					
Field pH	4.71	SU			1.0
Field Temperature	23.58	Degrees C			1.0
Oxygen, Dissolved	0.16	mg/L			1.0
Specific Conductance	231	umhos/cm			1.0
Turbidity	3.9	NTU			1.0

Date Analyzed: 03/10/2011 1343

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Job Number: 660-40153-1

Client Sample ID: TH-30 WACS# 1065
Lab Sample ID: 660-40153-2

Date Sampled: 03/10/2011 1343
Date Received: 03/10/2011 1545
Client Matrix: Water

Analyte	Result/Qualifier	Unit	PQL	PQL	Dilution
Method: SM 2540C					
Total Dissolved Solids	130	mg/L	5.0	5.0	1.0

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Job Number: 660-40153-1

Client Sample ID: TH-42 WACS# 823
Lab Sample ID: 660-40153-3

Date Sampled: 03/10/2011 1142
Date Received: 03/10/2011 1545
Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
Method: Total Recoverable-6010B			Date Analyzed:	03/15/2011 1312	
Prep Method: 3005A			Date Prepared:	03/14/2011 0802	
Arsenic	4.0 U	ug/L	4.0	10	1.0
Cadmium	1.0 U	ug/L	1.0	4.0	1.0
Chromium	12	ug/L	2.0	10	1.0
Iron	1200	ug/L	50	200	1.0
Lead	17	ug/L	2.0	10	1.0
Sodium	15	mg/L	0.31	0.50	1.0
Method: 300.0			Date Analyzed:	03/11/2011 1313	
Chloride	17	mg/L	0.20	0.50	1.0
Method: 350.1			Date Analyzed:	03/16/2011 1324	
Ammonia as N	0.26	mg/L	0.010	0.020	1.0

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Job Number: 660-40153-1

Client Sample ID: TH-42 WACS# 823
Lab Sample ID: 660-40153-3

Date Sampled: 03/10/2011 1142
Date Received: 03/10/2011 1545
Client Matrix: Water

Analyte	Result/Qualifier	Unit	NONE	NONE	Dilution
Method: Field Sampling		Date Analyzed: 03/10/2011 1142			
Field pH	7.41	SU			1.0
Field Temperature	23.42	Degrees C			1.0
Oxygen, Dissolved	0.37	mg/L			1.0
Specific Conductance	503	umhos/cm			1.0
Turbidity	57.5	NTU			1.0

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Job Number: 660-40153-1

Client Sample ID: TH-42 WACS# 823
Lab Sample ID: 660-40153-3

Date Sampled: 03/10/2011 1142
Date Received: 03/10/2011 1545
Client Matrix: Water

Analyte	Result/Qualifier	Unit	PQL	PQL	Dilution
Method: SM 2540C					
Total Dissolved Solids	310	mg/L	5.0	5.0	1.0

Date Analyzed: 03/15/2011 0758

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Job Number: 660-40153-1

Client Sample ID: TH-72 WACS# 27753
Lab Sample ID: 660-40153-4

Date Sampled: 03/10/2011 1257
Date Received: 03/10/2011 1545
Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
Method: Total Recoverable-6010B			Date Analyzed: 03/15/2011 1315		
Prep Method: 3005A			Date Prepared: 03/14/2011 0802		
Arsenic	4.0 U	ug/L	4.0	10	1.0
Cadmium	1.0 U	ug/L	1.0	4.0	1.0
Chromium	2.0 U	ug/L	2.0	10	1.0
Iron	350	ug/L	50	200	1.0
Lead	3.5 I	ug/L	2.0	10	1.0
Sodium	31	mg/L	0.31	0.50	1.0
Method: 300.0			Date Analyzed: 03/11/2011 1324		
Chloride	30	mg/L	0.20	0.50	1.0
Method: 350.1			Date Analyzed: 03/16/2011 1325		
Ammonia as N	0.18	mg/L	0.010	0.020	1.0

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Job Number: 660-40153-1

Client Sample ID: TH-72 WACS# 27753
Lab Sample ID: 660-40153-4

Date Sampled: 03/10/2011 1257
Date Received: 03/10/2011 1545
Client Matrix: Water

Analyte	Result/Qualifier	Unit	NONE	NONE	Dilution
Method: Field Sampling		Date Analyzed:	03/10/2011 1257		
Field pH	7.41	SU			1.0
Field Temperature	22.73	Degrees C			1.0
Oxygen, Dissolved	1.26	mg/L			1.0
Specific Conductance	551	umhos/cm			1.0
Turbidity	0.9	NTU			1.0

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Job Number: 660-40153-1

Client Sample ID: TH-72 WACS# 27753
Lab Sample ID: 660-40153-4

Date Sampled: 03/10/2011 1257
Date Received: 03/10/2011 1545
Client Matrix: Water

Analyte	Result/Qualifier	Unit	PQL	PQL	Dilution
Method: SM 2540C					
Total Dissolved Solids	320	mg/L	5.0	5.0	1.0

Date Analyzed: 03/15/2011 0759

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Job Number: 660-40153-1

Client Sample ID: DUPLICATE
Lab Sample ID: 660-40153-5

Date Sampled: 03/10/2011 0000
Date Received: 03/10/2011 1545
Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
Method: Total Recoverable-6010B			Date Analyzed:	03/15/2011 1319	
Prep Method: 3005A			Date Prepared:	03/14/2011 0802	
Arsenic	4.0 U	ug/L	4.0	10	1.0
Cadmium	1.0 U	ug/L	1.0	4.0	1.0
Chromium	11	ug/L	2.0	10	1.0
Iron	1200	ug/L	50	200	1.0
Lead	16	ug/L	2.0	10	1.0
Sodium	16	mg/L	0.31	0.50	1.0
Method: 300.0			Date Analyzed:	03/11/2011 1336	
Chloride	17	mg/L	0.20	0.50	1.0
Method: 350.1			Date Analyzed:	03/16/2011 1326	
Ammonia as N	0.20	mg/L	0.010	0.020	1.0

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Job Number: 660-40153-1

Client Sample ID: DUPLICATE
Lab Sample ID: 660-40153-5

Date Sampled: 03/10/2011 0000
Date Received: 03/10/2011 1545
Client Matrix: Water

Analyte	Result/Qualifier	Unit	PQL	PQL	Dilution
Method: SM 2540C					
Total Dissolved Solids	300	mg/L	5.0	5.0	1.0

Date Analyzed: 03/15/2011 0759

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Job Number: 660-40153-1

Client Sample ID: TH-73 WACS# 27754
Lab Sample ID: 660-40153-6

Date Sampled: 03/10/2011 1249
Date Received: 03/10/2011 1545
Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
Method: 8260B			Date Analyzed: 03/15/2011 1454		
Prep Method: 5030B			Date Prepared: 03/15/2011 1454		
Acetone	9.9 U J3	ug/L	9.9	20	1.0
Acetonitrile	20 U	ug/L	20	20	1.0
Acrolein	3.8 U J3	ug/L	3.8	5.0	1.0
Acrylonitrile	1.2 U	ug/L	1.2	10	1.0
Allyl chloride	2.5 U	ug/L	2.5	5.0	1.0
Benzene	0.50 U	ug/L	0.50	1.0	1.0
Bromodichloromethane	0.35 U	ug/L	0.35	1.0	1.0
Bromoform	0.58 U	ug/L	0.58	1.0	1.0
Bromomethane	2.5 U	ug/L	2.5	5.0	1.0
2-Butanone (MEK)	8.4 U	ug/L	8.4	10	1.0
Carbon disulfide	1.0 U	ug/L	1.0	2.0	1.0
Carbon tetrachloride	0.42 U	ug/L	0.42	1.0	1.0
Chlorobenzene	0.63 U	ug/L	0.63	1.0	1.0
Chlorobromomethane	0.58 U	ug/L	0.58	1.0	1.0
Chlorodibromomethane	0.34 U	ug/L	0.34	1.0	1.0
Chloroethane	2.5 U	ug/L	2.5	5.0	1.0
Chloroform	0.90 U	ug/L	0.90	1.0	1.0
Chloromethane	1.0 U	ug/L	1.0	4.0	1.0
Chloroprene	2.5 U	ug/L	2.5	5.0	1.0
cis-1,2-Dichloroethene	0.65 U	ug/L	0.65	1.0	1.0
cis-1,3-Dichloropropene	0.14 U	ug/L	0.14	1.0	1.0
Dibromomethane	0.41 U	ug/L	0.41	1.0	1.0
Dichlorodifluoromethane	2.5 U	ug/L	2.5	5.0	1.0
1,1-Dichloroethane	0.52 U	ug/L	0.52	1.0	1.0
1,2-Dichloroethane	0.57 U	ug/L	0.57	1.0	1.0
1,1-Dichloroethene	0.45 U	ug/L	0.45	1.0	1.0
1,2-Dichloropropane	0.52 U	ug/L	0.52	1.0	1.0
1,3-Dichloropropane	0.39 U	ug/L	0.39	1.0	1.0
2,2-Dichloropropane	0.36 U	ug/L	0.36	1.0	1.0
1,1-Dichloropropene	0.31 U	ug/L	0.31	1.0	1.0
Ethylbenzene	0.44 U	ug/L	0.44	1.0	1.0
Ethyl methacrylate	2.5 U	ug/L	2.5	5.0	1.0
2-Hexanone	4.4 U	ug/L	4.4	10	1.0
Iodomethane	2.5 U J3	ug/L	2.5	5.0	1.0
Isobutyl alcohol	31 U	ug/L	31	200	1.0
Methacrylonitrile	1.8 U	ug/L	1.8	100	1.0
Methylene Chloride	4.0 U	ug/L	4.0	5.0	1.0
Methyl methacrylate	2.5 U	ug/L	2.5	5.0	1.0
4-Methyl-2-pentanone (MIBK)	3.8 U	ug/L	3.8	10	1.0

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Job Number: 660-40153-1

Client Sample ID: TH-73 WACS# 27754
Lab Sample ID: 660-40153-6

Date Sampled: 03/10/2011 1249
Date Received: 03/10/2011 1545
Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
Propionitrile	7.2 U	ug/L	7.2	100	1.0
Styrene	0.98 U	ug/L	0.98	2.0	1.0
1,1,1,2-Tetrachloroethane	0.63 U	ug/L	0.63	1.0	1.0
1,1,2,2-Tetrachloroethane	0.15 U	ug/L	0.15	1.0	1.0
Tetrachloroethene	0.50 U	ug/L	0.50	1.0	1.0
Toluene	0.51 U	ug/L	0.51	1.0	1.0
trans-1,4-Dichloro-2-butene	2.5 U	ug/L	2.5	10	1.0
trans-1,2-Dichloroethene	0.44 U	ug/L	0.44	1.0	1.0
trans-1,3-Dichloropropene	0.14 U	ug/L	0.14	1.0	1.0
1,1,1-Trichloroethane	0.46 U	ug/L	0.46	1.0	1.0
1,1,2-Trichloroethane	0.47 U	ug/L	0.47	1.0	1.0
Trichloroethene	0.50 U	ug/L	0.50	1.0	1.0
Trichlorofluoromethane	2.5 U	ug/L	2.5	5.0	1.0
1,2,3-Trichloropropane	0.18 U	ug/L	0.18	1.0	1.0
Vinyl acetate	1.5 U	ug/L	1.5	10	1.0
Vinyl chloride	0.50 U	ug/L	0.50	1.0	1.0
Xylenes, Total	0.50 U	ug/L	0.50	3.0	1.0
Surrogate			Acceptance Limits		
4-Bromofluorobenzene	100	%		70 - 130	
Dibromofluoromethane	98	%		70 - 130	
Toluene-d8 (Surr)	100	%		70 - 130	
Method: 8270C			Date Analyzed:	03/15/2011 1433	
Prep Method: 3520C			Date Prepared:	03/14/2011 1337	
Benzyl alcohol	2.8 U	ug/L	2.8	9.8	1.0
Bis(2-chloroethoxy)methane	2.0 U	ug/L	2.0	9.8	1.0
Bis(2-chloroethyl)ether	2.5 U	ug/L	2.5	9.8	1.0
bis(2 chloro-1-methylethyl) ether	2.1 U	ug/L	2.1	9.8	1.0
Bis(2-ethylhexyl) phthalate	1.3 U	ug/L	1.3	5.9	1.0
4-Bromophenyl phenyl ether	1.7 U	ug/L	1.7	9.8	1.0
Butyl benzyl phthalate	1.2 U	ug/L	1.2	9.8	1.0
4-Chloroaniline	2.1 U	ug/L	2.1	20	1.0
4-Chloro-3-methylphenol	1.7 U	ug/L	1.7	9.8	1.0
2-Chloronaphthalene	1.6 U	ug/L	1.6	9.8	1.0
2-Chlorophenol	2.1 U	ug/L	2.1	9.8	1.0
4-Chlorophenyl phenyl ether	1.8 U	ug/L	1.8	9.8	1.0
Dibenzofuran	1.6 U	ug/L	1.6	9.8	1.0
1,2-Dichlorobenzene	1.1 U	ug/L	1.1	9.8	1.0
1,3-Dichlorobenzene	1.1 U	ug/L	1.1	9.8	1.0
1,4-Dichlorobenzene	1.2 U	ug/L	1.2	9.8	1.0
3,3'-Dichlorobenzidine	1.6 U	ug/L	1.6	20	1.0

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Job Number: 660-40153-1

Client Sample ID: TH-73 WACS# 27754
Lab Sample ID: 660-40153-6

Date Sampled: 03/10/2011 1249
Date Received: 03/10/2011 1545
Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
2,4-Dichlorophenol	1.8 U	ug/L	1.8	9.8	1.0
Diethyl phthalate	2.5 U	ug/L	2.5	9.8	1.0
2,4-Dimethylphenol	1.8 U	ug/L	1.8	9.8	1.0
Dimethyl phthalate	2.5 U	ug/L	2.5	9.8	1.0
Di-n-butyl phthalate	2.5 U	ug/L	2.5	9.8	1.0
1,3-Dinitrobenzene	0.97 U	ug/L	0.97	9.8	1.0
4,6-Dinitro-2-methylphenol	1.5 U	ug/L	1.5	49	1.0
2,4-Dinitrophenol	6.1 U	ug/L	6.1	49	1.0
2,4-Dinitrotoluene	0.89 U	ug/L	0.89	9.8	1.0
2,6-Dinitrotoluene	0.71 U	ug/L	0.71	9.8	1.0
Di-n-octyl phthalate	2.5 U	ug/L	2.5	9.8	1.0
Hexachlorobenzene	1.7 U	ug/L	1.7	3.9	1.0
Hexachlorobutadiene	0.98 U	ug/L	0.98	9.8	1.0
Hexachlorocyclopentadiene	1.2 U	ug/L	1.2	9.8	1.0
Hexachloroethane	0.83 U	ug/L	0.83	9.8	1.0
Isophorone	1.4 U	ug/L	1.4	9.8	1.0
2-Methylphenol	2.3 U	ug/L	2.3	9.8	1.0
3 & 4 Methylphenol	2.4 U	ug/L	2.4	9.8	1.0
2-Nitroaniline	1.4 U	ug/L	1.4	49	1.0
3-Nitroaniline	1.2 U	ug/L	1.2	49	1.0
4-Nitroaniline	1.4 U	ug/L	1.4	49	1.0
Nitrobenzene	1.9 U	ug/L	1.9	9.8	1.0
2-Nitrophenol	1.2 U	ug/L	1.2	9.8	1.0
4-Nitrophenol	6.1 U	ug/L	6.1	49	1.0
N-Nitrosodimethylamine	2.4 U	ug/L	2.4	9.8	1.0
N-Nitrosodi-n-propylamine	1.9 U	ug/L	1.9	9.8	1.0
N-Nitrosodiphenylamine	1.6 U	ug/L	1.6	9.8	1.0
Pentachlorophenol	1.5 U	ug/L	1.5	15	1.0
Phenol	2.4 U	ug/L	2.4	3.9	1.0
2,3,4,6-Tetrachlorophenol	0.64 U	ug/L	0.64	9.8	1.0
1,2,4-Trichlorobenzene	1.2 U	ug/L	1.2	9.8	1.0
2,4,5-Trichlorophenol	2.1 U	ug/L	2.1	9.8	1.0
2,4,6-Trichlorophenol	1.9 U	ug/L	1.9	9.8	1.0
Surrogate			Acceptance Limits		
2-Fluorobiphenyl	55	%		36 - 124	
2-Fluorophenol	51	%		29 - 121	
Nitrobenzene-d5	56	%		34 - 130	
Phenol-d6 (Surr)	48	%		25 - 128	
Terphenyl-d14	15	%		14 - 148	
2,4,6-Tribromophenol	59	%		29 - 143	

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Solid Waste Management Department
601 East Kennedy Blvd
24th Floor County Center
Tampa, FL 33601

Job Number: 660-40153-1

Client Sample ID: TH-73 WACS# 27754
Lab Sample ID: 660-40153-6

Date Sampled: 03/10/2011 1249
Date Received: 03/10/2011 1545
Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
Method: 8270C Run Type: RA			Date Analyzed:	03/16/2011 1401	
Prep Method: 3520C			Date Prepared:	03/14/2011 1337	
Acetophenone	1.5 U	ug/L	1.5	9.8	1.0
2-Acetylaminofluorene	0.75 U	ug/L	0.75	9.8	1.0
4-Aminobiphenyl	0.79 U	ug/L	0.79	9.8	1.0
Diallate	1.4 U	ug/L	1.4	9.8	1.0
2,6-Dichlorophenol	1.6 U	ug/L	1.6	9.8	1.0
7,12-Dimethylbenz(a)anthracene	0.90 U	ug/L	0.90	9.8	1.0
3,3'-Dimethylbenzidine	14 U	ug/L	14	20	1.0
Ethyl methanesulfonate	1.3 U	ug/L	1.3	9.8	1.0
Hexachloropropene	0.65 U	ug/L	0.65	9.8	1.0
Isosafrole	1.6 U	ug/L	1.6	9.8	1.0
Kepone	37 U	ug/L	37	49	1.0
Methapyrilene	1.1 U	ug/L	1.1	2000	1.0
3-Methylcholanthrene	0.55 U	ug/L	0.55	9.8	1.0
Methyl methanesulfonate	1.2 U	ug/L	1.2	9.8	1.0
1,4-Naphthoquinone	1.1 U	ug/L	1.1	9.8	1.0
1-Naphthylamine	0.82 U	ug/L	0.82	9.8	1.0
2-Naphthylamine	0.98 U	ug/L	0.98	9.8	1.0
N-Nitro-o-toluidine	0.88 U	ug/L	0.88	9.8	1.0
N-Nitrosodiethylamine	1.5 U	ug/L	1.5	9.8	1.0
N-Nitrosodi-n-butylamine	1.5 U	ug/L	1.5	9.8	1.0
N-Nitrosomethylethylamine	1.6 U	ug/L	1.6	9.8	1.0
N-Nitrosopiperidine	0.85 U	ug/L	0.85	9.8	1.0
N-Nitrosopyrrolidine	1.2 U	ug/L	1.2	9.8	1.0
o,o',o"-Triethylphosphorothioate	1.8 U	ug/L	1.8	9.8	1.0
p-Dimethylamino azobenzene	0.66 U	ug/L	0.66	9.8	1.0
Pentachlorobenzene	0.97 U	ug/L	0.97	9.8	1.0
Pentachloronitrobenzene	1.5 U	ug/L	1.5	9.8	1.0
Phenacetin	0.82 U	ug/L	0.82	9.8	1.0
p-Phenylene diamine	3.0 U	ug/L	3.0	2000	1.0
Pronamide	0.69 U	ug/L	0.69	9.8	1.0
Safrole, Total	1.2 U	ug/L	1.2	9.8	1.0
1,2,4,5-Tetrachlorobenzene	1.1 U	ug/L	1.1	9.8	1.0
2-Toluidine	1.2 U	ug/L	1.2	9.8	1.0
1,3,5-Trinitrobenzene	0.60 U	ug/L	0.60	9.8	1.0
Method: Total Recoverable-6010B			Date Analyzed:	03/15/2011 1322	
Prep Method: 3005A			Date Prepared:	03/14/2011 0802	
Arsenic	4.0 U	ug/L	4.0	10	1.0
Cadmium	1.0 U	ug/L	1.0	4.0	1.0
Chromium	3.4 I	ug/L	2.0	10	1.0

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Job Number: 660-40153-1

Client Sample ID: TH-73 WACS# 27754
Lab Sample ID: 660-40153-6

Date Sampled: 03/10/2011 1249
Date Received: 03/10/2011 1545
Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
Iron	21000	ug/L	50	200	1.0
Lead	2.0 U	ug/L	2.0	10	1.0
Sodium	27	mg/L	0.31	0.50	1.0
Method: 300.0					
Chloride	60	mg/L	0.40	1.0	2.0
Method: 350.1					
Ammonia as N	1.7	mg/L	0.010	0.020	1.0

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Job Number: 660-40153-1

Client Sample ID: TH-73 WACS# 27754
Lab Sample ID: 660-40153-6

Date Sampled: 03/10/2011 1249
Date Received: 03/10/2011 1545
Client Matrix: Water

Analyte	Result/Qualifier	Unit	NONE	NONE	Dilution
Method: Field Sampling			Date Analyzed:	03/10/2011 1249	
Field pH	5.56	SU			1.0
Field Temperature	25.97	Degrees C			1.0
Oxygen, Dissolved	0.66	mg/L			1.0
Specific Conductance	371	umhos/cm			1.0
Turbidity	8.3	NTU			1.0

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Job Number: 660-40153-1

Client Sample ID: TH-73 WACS# 27754
Lab Sample ID: 660-40153-6

Date Sampled: 03/10/2011 1249
Date Received: 03/10/2011 1545
Client Matrix: Water

Analyte	Result/Qualifier	Unit	PQL	PQL	Dilution
Method: SM 2540C					
Total Dissolved Solids	170	mg/L	5.0	5.0	1.0

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Job Number: 660-40153-1

Client Sample ID: BLANK, EQUIPMENT
Lab Sample ID: 660-40153-7

Date Sampled: 03/10/2011 1040
Date Received: 03/10/2011 1545
Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
Method: 8260B			Date Analyzed: 03/15/2011 1409		
Prep Method: 5030B			Date Prepared: 03/15/2011 1409		
Acetone	9.9 U J3	ug/L	9.9	20	1.0
Acetonitrile	20 U	ug/L	20	20	1.0
Acrolein	3.8 U J3	ug/L	3.8	5.0	1.0
Acrylonitrile	1.2 U	ug/L	1.2	10	1.0
Allyl chloride	2.5 U	ug/L	2.5	5.0	1.0
Benzene	0.50 U	ug/L	0.50	1.0	1.0
Bromodichloromethane	0.35 U	ug/L	0.35	1.0	1.0
Bromoform	0.58 U	ug/L	0.58	1.0	1.0
Bromomethane	2.5 U	ug/L	2.5	5.0	1.0
2-Butanone (MEK)	8.4 U	ug/L	8.4	10	1.0
Carbon disulfide	1.0 U	ug/L	1.0	2.0	1.0
Carbon tetrachloride	0.42 U	ug/L	0.42	1.0	1.0
Chlorobenzene	0.63 U	ug/L	0.63	1.0	1.0
Chlorobromomethane	0.58 U	ug/L	0.58	1.0	1.0
Chlorodibromomethane	0.34 U	ug/L	0.34	1.0	1.0
Chloroethane	2.5 U	ug/L	2.5	5.0	1.0
Chloroform	0.90 U	ug/L	0.90	1.0	1.0
Chloromethane	1.0 U	ug/L	1.0	4.0	1.0
Chloroprene	2.5 U	ug/L	2.5	5.0	1.0
cis-1,2-Dichloroethene	0.65 U	ug/L	0.65	1.0	1.0
cis-1,3-Dichloropropene	0.14 U	ug/L	0.14	1.0	1.0
Dibromomethane	0.41 U	ug/L	0.41	1.0	1.0
Dichlorodifluoromethane	2.5 U	ug/L	2.5	5.0	1.0
1,1-Dichloroethane	0.52 U	ug/L	0.52	1.0	1.0
1,2-Dichloroethane	0.57 U	ug/L	0.57	1.0	1.0
1,1-Dichloroethene	0.45 U	ug/L	0.45	1.0	1.0
1,2-Dichloropropane	0.52 U	ug/L	0.52	1.0	1.0
1,3-Dichloropropane	0.39 U	ug/L	0.39	1.0	1.0
2,2-Dichloropropane	0.36 U	ug/L	0.36	1.0	1.0
1,1-Dichloropropene	0.31 U	ug/L	0.31	1.0	1.0
Ethylbenzene	0.44 U	ug/L	0.44	1.0	1.0
Ethyl methacrylate	2.5 U	ug/L	2.5	5.0	1.0
2-Hexanone	4.4 U	ug/L	4.4	10	1.0
Iodomethane	2.5 U J3	ug/L	2.5	5.0	1.0
Isobutyl alcohol	31 U	ug/L	31	200	1.0
Methacrylonitrile	1.8 U	ug/L	1.8	100	1.0
Methylene Chloride	4.0 U	ug/L	4.0	5.0	1.0
Methyl methacrylate	2.5 U	ug/L	2.5	5.0	1.0
4-Methyl-2-pentanone (MIBK)	3.8 U	ug/L	3.8	10	1.0

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Job Number: 660-40153-1

Client Sample ID: BLANK, EQUIPMENT
Lab Sample ID: 660-40153-7

Date Sampled: 03/10/2011 1040
Date Received: 03/10/2011 1545
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Propionitrile	7.2	U	ug/L	7.2	100	1.0
Styrene	0.98	U	ug/L	0.98	2.0	1.0
1,1,1,2-Tetrachloroethane	0.63	U	ug/L	0.63	1.0	1.0
1,1,2,2-Tetrachloroethane	0.15	U	ug/L	0.15	1.0	1.0
Tetrachloroethene	0.50	U	ug/L	0.50	1.0	1.0
Toluene	0.51	U	ug/L	0.51	1.0	1.0
trans-1,4-Dichloro-2-butene	2.5	U	ug/L	2.5	10	1.0
trans-1,2-Dichloroethene	0.44	U	ug/L	0.44	1.0	1.0
trans-1,3-Dichloropropene	0.14	U	ug/L	0.14	1.0	1.0
1,1,1-Trichloroethane	0.46	U	ug/L	0.46	1.0	1.0
1,1,2-Trichloroethane	0.47	U	ug/L	0.47	1.0	1.0
Trichloroethene	0.50	U	ug/L	0.50	1.0	1.0
Trichlorofluoromethane	2.5	U	ug/L	2.5	5.0	1.0
1,2,3-Trichloropropane	0.18	U	ug/L	0.18	1.0	1.0
Vinyl acetate	1.5	U	ug/L	1.5	10	1.0
Vinyl chloride	0.50	U	ug/L	0.50	1.0	1.0
Xylenes, Total	0.50	U	ug/L	0.50	3.0	1.0
Surrogate	Acceptance Limits					
4-Bromofluorobenzene	99		%		70 - 130	
Dibromofluoromethane	100		%		70 - 130	
Toluene-d8 (Surr)	101		%		70 - 130	
Method: 8270C				Date Analyzed:	03/15/2011 1453	
Prep Method: 3520C				Date Prepared:	03/14/2011 1337	
Benzyl alcohol	2.8	U	ug/L	2.8	9.7	1.0
Bis(2-chloroethoxy)methane	1.9	U	ug/L	1.9	9.7	1.0
Bis(2-chloroethyl)ether	2.5	U	ug/L	2.5	9.7	1.0
bis(2 chloro-1-methylethyl) ether	2.0	U	ug/L	2.0	9.7	1.0
Bis(2-ethylhexyl) phthalate	1.3	U	ug/L	1.3	5.8	1.0
4-Bromophenyl phenyl ether	1.6	U	ug/L	1.6	9.7	1.0
Butyl benzyl phthalate	1.2	U	ug/L	1.2	9.7	1.0
4-Chloroaniline	2.0	U	ug/L	2.0	19	1.0
4-Chloro-3-methylphenol	1.6	U	ug/L	1.6	9.7	1.0
2-Chloronaphthalene	1.5	U	ug/L	1.5	9.7	1.0
2-Chlorophenol	2.0	U	ug/L	2.0	9.7	1.0
4-Chlorophenyl phenyl ether	1.7	U	ug/L	1.7	9.7	1.0
Dibenzofuran	1.5	U	ug/L	1.5	9.7	1.0
1,2-Dichlorobenzene	1.1	U	ug/L	1.1	9.7	1.0
1,3-Dichlorobenzene	1.1	U	ug/L	1.1	9.7	1.0
1,4-Dichlorobenzene	1.2	U	ug/L	1.2	9.7	1.0
3,3'-Dichlorobenzidine	1.5	U	ug/L	1.5	19	1.0

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Job Number: 660-40153-1

Client Sample ID: BLANK, EQUIPMENT
Lab Sample ID: 660-40153-7

Date Sampled: 03/10/2011 1040
Date Received: 03/10/2011 1545
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
2,4-Dichlorophenol	1.7	U	ug/L	1.7	9.7	1.0
Diethyl phthalate	2.4	U	ug/L	2.4	9.7	1.0
2,4-Dimethylphenol	1.7	U	ug/L	1.7	9.7	1.0
Dimethyl phthalate	2.4	U	ug/L	2.4	9.7	1.0
Di-n-butyl phthalate	2.4	U	ug/L	2.4	9.7	1.0
1,3-Dinitrobenzene	0.96	U	ug/L	0.96	9.7	1.0
4,6-Dinitro-2-methylphenol	1.4	U	ug/L	1.4	48	1.0
2,4-Dinitrophenol	6.0	U	ug/L	6.0	48	1.0
2,4-Dinitrotoluene	0.88	U	ug/L	0.88	9.7	1.0
2,6-Dinitrotoluene	0.70	U	ug/L	0.70	9.7	1.0
Di-n-octyl phthalate	2.4	U	ug/L	2.4	9.7	1.0
Hexachlorobenzene	1.6	U	ug/L	1.6	3.9	1.0
Hexachlorobutadiene	0.97	U	ug/L	0.97	9.7	1.0
Hexachlorocyclopentadiene	1.2	U	ug/L	1.2	9.7	1.0
Hexachloroethane	0.82	U	ug/L	0.82	9.7	1.0
Isophorone	1.4	U	ug/L	1.4	9.7	1.0
2-Methylphenol	2.2	U	ug/L	2.2	9.7	1.0
3 & 4 Methylphenol	2.3	U	ug/L	2.3	9.7	1.0
2-Nitroaniline	1.4	U	ug/L	1.4	48	1.0
3-Nitroaniline	1.2	U	ug/L	1.2	48	1.0
4-Nitroaniline	1.4	U	ug/L	1.4	48	1.0
Nitrobenzene	1.8	U	ug/L	1.8	9.7	1.0
2-Nitrophenol	1.2	U	ug/L	1.2	9.7	1.0
4-Nitrophenol	6.0	U	ug/L	6.0	48	1.0
N-Nitrosodimethylamine	2.3	U	ug/L	2.3	9.7	1.0
N-Nitrosodi-n-propylamine	1.8	U	ug/L	1.8	9.7	1.0
N-Nitrosodiphenylamine	1.5	U	ug/L	1.5	9.7	1.0
Pentachlorophenol	1.4	U	ug/L	1.4	14	1.0
Phenol	2.3	U	ug/L	2.3	3.9	1.0
2,3,4,6-Tetrachlorophenol	0.63	U	ug/L	0.63	9.7	1.0
1,2,4-Trichlorobenzene	1.2	U	ug/L	1.2	9.7	1.0
2,4,5-Trichlorophenol	2.0	U	ug/L	2.0	9.7	1.0
2,4,6-Trichlorophenol	1.8	U	ug/L	1.8	9.7	1.0
Surrogate	Acceptance Limits					
2-Fluorobiphenyl	75		%		36 - 124	
2-Fluorophenol	58		%		29 - 121	
Nitrobenzene-d5	76		%		34 - 130	
Phenol-d6 (Surr)	50		%		25 - 128	
Terphenyl-d14	56		%		14 - 148	
2,4,6-Tribromophenol	80		%		29 - 143	

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Job Number: 660-40153-1

Client Sample ID: BLANK, EQUIPMENT
Lab Sample ID: 660-40153-7

Date Sampled: 03/10/2011 1040
Date Received: 03/10/2011 1545
Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
Method: 8270C Run Type: RA			Date Analyzed: 03/16/2011 1427		
Prep Method: 3520C			Date Prepared: 03/14/2011 1337		
Acetophenone	1.4 U	ug/L	1.4	9.7	1.0
2-Acetylaminofluorene	0.74 U	ug/L	0.74	9.7	1.0
4-Aminobiphenyl	0.78 U	ug/L	0.78	9.7	1.0
Diallate	1.4 U	ug/L	1.4	9.7	1.0
2,6-Dichlorophenol	1.5 U	ug/L	1.5	9.7	1.0
7,12-Dimethylbenz(a)anthracene	0.89 U	ug/L	0.89	9.7	1.0
3,3'-Dimethylbenzidine	14 U	ug/L	14	19	1.0
Ethyl methanesulfonate	1.3 U	ug/L	1.3	9.7	1.0
Hexachloropropene	0.64 U	ug/L	0.64	9.7	1.0
Isosafrole	1.5 U	ug/L	1.5	9.7	1.0
Kepone	36 U	ug/L	36	48	1.0
Methapyrilene	1.1 U	ug/L	1.1	1900	1.0
3-Methylcholanthrene	0.54 U	ug/L	0.54	9.7	1.0
Methyl methanesulfonate	1.2 U	ug/L	1.2	9.7	1.0
1,4-Naphthoquinone	1.1 U	ug/L	1.1	9.7	1.0
1-Naphthylamine	0.81 U	ug/L	0.81	9.7	1.0
2-Naphthylamine	0.97 U	ug/L	0.97	9.7	1.0
N-Nitro-o-toluidine	0.87 U	ug/L	0.87	9.7	1.0
N-Nitrosodiethylamine	1.4 U	ug/L	1.4	9.7	1.0
N-Nitrosodi-n-butylamine	1.4 U	ug/L	1.4	9.7	1.0
N-Nitrosomethylethylamine	1.5 U	ug/L	1.5	9.7	1.0
N-Nitrosopiperidine	0.84 U	ug/L	0.84	9.7	1.0
N-Nitrosopyrrolidine	1.2 U	ug/L	1.2	9.7	1.0
o,o',o''-Triethylphosphorothioate	1.7 U	ug/L	1.7	9.7	1.0
p-Dimethylamino azobenzene	0.65 U	ug/L	0.65	9.7	1.0
Pentachlorobenzene	0.96 U	ug/L	0.96	9.7	1.0
Pentachloronitrobenzene	1.4 U	ug/L	1.4	9.7	1.0
Phenacetin	0.81 U	ug/L	0.81	9.7	1.0
p-Phenylene diamine	3.0 U	ug/L	3.0	1900	1.0
Pronamide	0.68 U	ug/L	0.68	9.7	1.0
Safrole, Total	1.2 U	ug/L	1.2	9.7	1.0
1,2,4,5-Tetrachlorobenzene	1.1 U	ug/L	1.1	9.7	1.0
2-Toluidine	1.2 U	ug/L	1.2	9.7	1.0
1,3,5-Trinitrobenzene	0.59 U	ug/L	0.59	9.7	1.0
Method: Total Recoverable-6010B			Date Analyzed: 03/15/2011 1326		
Prep Method: 3005A			Date Prepared: 03/14/2011 0802		
Arsenic	4.0 U	ug/L	4.0	10	1.0
Cadmium	1.0 U	ug/L	1.0	4.0	1.0
Chromium	2.0 U	ug/L	2.0	10	1.0

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Job Number: 660-40153-1

Client Sample ID: BLANK, EQUIPMENT
Lab Sample ID: 660-40153-7

Date Sampled: 03/10/2011 1040
Date Received: 03/10/2011 1545
Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
Iron	50 U	ug/L	50	200	1.0
Lead	2.0 U	ug/L	2.0	10	1.0
Sodium	0.53	mg/L	0.31	0.50	1.0
Method: 300.0					
Chloride	0.20 U	mg/L	0.20	0.50	1.0
Method: 350.1					
Ammonia as N	0.080	mg/L	0.010	0.020	1.0

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Job Number: 660-40153-1

Client Sample ID: BLANK, EQUIPMENT
Lab Sample ID: 660-40153-7

Date Sampled: 03/10/2011 1040
Date Received: 03/10/2011 1545
Client Matrix: Water

Analyte	Result/Qualifier	Unit	PQL	PQL	Dilution
Method: SM 2540C					
Total Dissolved Solids	5.0 U	mg/L	5.0	5.0	1.0

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Job Number: 660-40153-1

Client Sample ID: TH-57 WACS# 1570
Lab Sample ID: 660-40172-1

Date Sampled: 03/11/2011 1119
Date Received: 03/11/2011 1415
Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
Method: Total Recoverable-6010B			Date Analyzed: 03/15/2011 1339		
Prep Method: 3005A			Date Prepared: 03/14/2011 0802		
Arsenic	4.0 U	ug/L	4.0	10	1.0
Cadmium	1.0 U	ug/L	1.0	4.0	1.0
Chromium	2.0 U	ug/L	2.0	10	1.0
Iron	450	ug/L	50	200	1.0
Lead	2.0 U	ug/L	2.0	10	1.0
Sodium	11	mg/L	0.31	0.50	1.0
Method: 300.0			Date Analyzed: 03/15/2011 1614		
Chloride	38	mg/L	0.20	0.50	1.0
Method: 350.1			Date Analyzed: 03/14/2011 0930		
Ammonia as N	0.83	mg/L	0.010	0.020	1.0

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Job Number: 660-40153-1

Client Sample ID: TH-57 WACS# 1570
Lab Sample ID: 660-40172-1

Date Sampled: 03/11/2011 1119
Date Received: 03/11/2011 1415
Client Matrix: Water

Analyte	Result/Qualifier	Unit	NONE	NONE	Dilution
Method: Field Sampling		Date Analyzed: 03/11/2011 1119			
Field pH	5.24	SU			1.0
Field Temperature	26.70	Degrees C			1.0
Oxygen, Dissolved	0.37	mg/L			1.0
Specific Conductance	167	umhos/cm			1.0
Turbidity	0.5	NTU			1.0

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Tampa, FL 33601

Job Number: 660-40153-1

Client Sample ID: TH-57 WACS# 1570
Lab Sample ID: 660-40172-1

Date Sampled: 03/11/2011 1119
Date Received: 03/11/2011 1415
Client Matrix: Water

Analyte	Result/Qualifier	Unit	PQL	PQL	Dilution
Method: SM 2540C					
Total Dissolved Solids	98	mg/L	5.0	5.0	1.0

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Job Number: 660-40153-1

Client Sample ID: TH-40 WACS# 822
Lab Sample ID: 660-40172-2

Date Sampled: 03/11/2011 1356
Date Received: 03/11/2011 1415
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Method: Total Recoverable-6010B			Date Analyzed:	03/15/2011 1342		
Prep Method: 3005A			Date Prepared:	03/14/2011 0802		
Arsenic	4.0	U	ug/L	4.0	10	1.0
Cadmium	1.0	U	ug/L	1.0	4.0	1.0
Chromium	2.0	U	ug/L	2.0	10	1.0
Iron	50	U	ug/L	50	200	1.0
Lead	2.6	I	ug/L	2.0	10	1.0
Sodium	16		mg/L	0.31	0.50	1.0
Method: 300.0			Date Analyzed:	03/15/2011 1640		
Chloride	8.0		mg/L	0.20	0.50	1.0
Method: 350.1			Date Analyzed:	03/14/2011 0933		
Ammonia as N	0.33	J3	mg/L	0.010	0.020	1.0

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Job Number: 660-40153-1

Client Sample ID: TH-40 WACS# 822
Lab Sample ID: 660-40172-2

Date Sampled: 03/11/2011 1356
Date Received: 03/11/2011 1415
Client Matrix: Water

Analyte	Result/Qualifier	Unit	NONE	NONE	Dilution
Method: Field Sampling		Date Analyzed: 03/11/2011 1356			
Field pH	7.66	SU			1.0
Field Temperature	23.30	Degrees C			1.0
Oxygen, Dissolved	0.43	mg/L			1.0
Specific Conductance	351	umhos/cm			1.0
Turbidity	0.1	NTU			1.0

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Job Number: 660-40153-1

Client Sample ID: TH-40 WACS# 822
Lab Sample ID: 660-40172-2

Date Sampled: 03/11/2011 1356
Date Received: 03/11/2011 1415
Client Matrix: Water

Analyte	Result/Qualifier	Unit	PQL	PQL	Dilution
Method: SM 2540C					
Total Dissolved Solids	210	mg/L	5.0	5.0	1.0

Date Analyzed: 03/15/2011 0803

Mr. David S Adams
Hillsborough County
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Tampa, FL 33601

Job Number: 660-40153-1

Client Sample ID: SUP 1 WACS# 27755
Lab Sample ID: 660-40172-3

Date Sampled: 03/11/2011 1304
Date Received: 03/11/2011 1415
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Method: Total Recoverable-6010B			Date Analyzed: 03/15/2011 1345			
Prep Method: 3005A			Date Prepared: 03/14/2011 0802			
Arsenic	4.0	U	ug/L	4.0	10	1.0
Cadmium	1.0	U	ug/L	1.0	4.0	1.0
Chromium	2.0	U	ug/L	2.0	10	1.0
Iron	50	U	ug/L	50	200	1.0
Lead	3.0	I	ug/L	2.0	10	1.0
Sodium	8.6		mg/L	0.31	0.50	1.0
Method: 300.0			Date Analyzed: 03/15/2011 1707			
Chloride	9.7		mg/L	0.20	0.50	1.0
Method: 350.1			Date Analyzed: 03/14/2011 0937			
Ammonia as N	0.17		mg/L	0.010	0.020	1.0

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Job Number: 660-40153-1

Client Sample ID: SUP 1 WACS# 27755
Lab Sample ID: 660-40172-3

Date Sampled: 03/11/2011 1304
Date Received: 03/11/2011 1415
Client Matrix: Water

Analyte	Result/Qualifier	Unit	NONE	NONE	Dilution
Method: Field Sampling		Date Analyzed:	03/11/2011 1304		
Field pH	7.66	SU			1.0
Field Temperature	24.37	Degrees C			1.0
Oxygen, Dissolved	0.07	mg/L			1.0
Specific Conductance	330	umhos/cm			1.0
Turbidity	0.3	NTU			1.0

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Job Number: 660-40153-1

Client Sample ID: SUP 1 WACS# 27755
Lab Sample ID: 660-40172-3

Date Sampled: 03/11/2011 1304
Date Received: 03/11/2011 1415
Client Matrix: Water

Analyte	Result/Qualifier	Unit	PQL	PQL	Dilution
Method: SM 2540C					
Total Dissolved Solids	190	mg/L	5.0	5.0	1.0

Date Analyzed: 03/15/2011 0803

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Job Number: 660-40153-1

Client Sample ID: TH-28A WACS# 19862
Lab Sample ID: 660-40172-4

Date Sampled: 03/11/2011 1159
Date Received: 03/11/2011 1415
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Method: Total Recoverable-6010B			Date Analyzed:	03/15/2011	1349	
Prep Method: 3005A			Date Prepared:	03/14/2011	0802	
Arsenic	4.0	U	ug/L	4.0	10	1.0
Cadmium	1.0	U	ug/L	1.0	4.0	1.0
Chromium	2.0	U	ug/L	2.0	10	1.0
Iron	2800		ug/L	50	200	1.0
Lead	2.0	U	ug/L	2.0	10	1.0
Sodium	18		mg/L	0.31	0.50	1.0
Method: 300.0			Date Analyzed:	03/15/2011	1734	
Chloride	46		mg/L	0.20	0.50	1.0
Method: 350.1			Date Analyzed:	03/14/2011	0938	
Ammonia as N	0.88		mg/L	0.010	0.020	1.0

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Job Number: 660-40153-1

Client Sample ID: TH-28A WACS# 19862
Lab Sample ID: 660-40172-4

Date Sampled: 03/11/2011 1159
Date Received: 03/11/2011 1415
Client Matrix: Water

Analyte	Result/Qualifier	Unit	NONE	NONE	Dilution
Method: Field Sampling		Date Analyzed:	03/11/2011 1159		
Field pH	5.24	SU			1.0
Field Temperature	26.54	Degrees C			1.0
Oxygen, Dissolved	0.80	mg/L			1.0
Specific Conductance	210	umhos/cm			1.0
Turbidity	4.8	NTU			1.0

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Job Number: 660-40153-1

Client Sample ID: TH-28A WACS# 19862
Lab Sample ID: 660-40172-4

Date Sampled: 03/11/2011 1159
Date Received: 03/11/2011 1415
Client Matrix: Water

Analyte	Result/Qualifier	Unit	PQL	PQL	Dilution
Method: SM 2540C					
Total Dissolved Solids	110	mg/L	5.0	5.0	1.0

Date Analyzed: 03/15/2011 0804

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Job Number: 660-40153-1

Client Sample ID: TH-58 WACS# 1571
Lab Sample ID: 660-40172-5

Date Sampled: 03/11/2011 1159
Date Received: 03/11/2011 1415
Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
Method: Total Recoverable-6010B			Date Analyzed:	03/15/2011 1352	
Prep Method: 3005A			Date Prepared:	03/14/2011 0802	
Arsenic	26	ug/L	4.0	10	1.0
Cadmium	1.0 U	ug/L	1.0	4.0	1.0
Chromium	2.0 U	ug/L	2.0	10	1.0
Iron	4000	ug/L	50	200	1.0
Lead	2.0 U	ug/L	2.0	10	1.0
Sodium	17	mg/L	0.31	0.50	1.0
Method: 300.0			Date Analyzed:	03/16/2011 1438	
Chloride	63	mg/L	0.40	1.0	2.0
Method: 350.1			Date Analyzed:	03/14/2011 0939	
Ammonia as N	0.68	mg/L	0.010	0.020	1.0

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Job Number: 660-40153-1

Client Sample ID: TH-58 WACS# 1571
Lab Sample ID: 660-40172-5

Date Sampled: 03/11/2011 1159
Date Received: 03/11/2011 1415
Client Matrix: Water

Analyte	Result/Qualifier	Unit	NONE	NONE	Dilution
Method: Field Sampling		Date Analyzed:	03/11/2011 1159		
Field pH	5.76	SU			1.0
Field Temperature	25.38	Degrees C			1.0
Oxygen, Dissolved	0.47	mg/L			1.0
Specific Conductance	524	umhos/cm			1.0
Turbidity	0.6	NTU			1.0

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Job Number: 660-40153-1

Client Sample ID: TH-58 WACS# 1571
Lab Sample ID: 660-40172-5

Date Sampled: 03/11/2011 1159
Date Received: 03/11/2011 1415
Client Matrix: Water

Analyte	Result/Qualifier	Unit	PQL	PQL	Dilution
Method: SM 2540C					
Total Dissolved Solids	280	mg/L	5.0	5.0	1.0

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Job Number: 660-40153-1

Client Sample ID: SUP 2 WACS# 27756
Lab Sample ID: 660-40172-6

Date Sampled: 03/11/2011 1238
Date Received: 03/11/2011 1415
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Method: Total Recoverable-6010B			Date Analyzed:		03/15/2011 1355	
Prep Method: 3005A			Date Prepared:		03/14/2011 0802	
Arsenic	4.0	U	ug/L	4.0	10	1.0
Cadmium	1.0	U	ug/L	1.0	4.0	1.0
Chromium	2.0	U	ug/L	2.0	10	1.0
Iron	50	U	ug/L	50	200	1.0
Lead	2.0	U	ug/L	2.0	10	1.0
Sodium	8.4		mg/L	0.31	0.50	1.0
Method: 300.0			Date Analyzed:		03/15/2011 1827	
Chloride	10		mg/L	0.20	0.50	1.0
Method: 350.1			Date Analyzed:		03/14/2011 0940	
Ammonia as N	0.17		mg/L	0.010	0.020	1.0

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Job Number: 660-40153-1

Client Sample ID: SUP 2 WACS# 27756
Lab Sample ID: 660-40172-6

Date Sampled: 03/11/2011 1238
Date Received: 03/11/2011 1415
Client Matrix: Water

Analyte	Result/Qualifier	Unit	NONE	NONE	Dilution
Method: Field Sampling		Date Analyzed:	03/11/2011 1238		
Field pH	7.65	SU			1.0
Field Temperature	24.33	Degrees C			1.0
Oxygen, Dissolved	0.06	mg/L			1.0
Specific Conductance	332	umhos/cm			1.0
Turbidity	0.3	NTU			1.0

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Job Number: 660-40153-1

Client Sample ID: SUP 2 WACS# 27756
Lab Sample ID: 660-40172-6

Date Sampled: 03/11/2011 1238
Date Received: 03/11/2011 1415
Client Matrix: Water

Analyte	Result/Qualifier	Unit	PQL	PQL	Dilution
Method: SM 2540C					
Total Dissolved Solids	190	mg/L	5.0	5.0	1.0

Date Analyzed: 03/15/2011 0805

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Job Number: 660-40153-1

Client Sample ID: Trip Blank
Lab Sample ID: 660-40172-7

Date Sampled: 03/10/2011 1037
Date Received: 03/11/2011 1415
Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
Method: 8260B			Date Analyzed: 03/15/2011 1346		
Prep Method: 5030B			Date Prepared: 03/15/2011 1346		
Acetone	9.9 U J3	ug/L	9.9	20	1.0
Acetonitrile	20 U	ug/L	20	20	1.0
Acrolein	3.8 U J3	ug/L	3.8	5.0	1.0
Acrylonitrile	1.2 U	ug/L	1.2	10	1.0
Allyl chloride	2.5 U	ug/L	2.5	5.0	1.0
Benzene	0.50 U	ug/L	0.50	1.0	1.0
Bromodichloromethane	0.35 U	ug/L	0.35	1.0	1.0
Bromoform	0.58 U	ug/L	0.58	1.0	1.0
Bromomethane	2.5 U	ug/L	2.5	5.0	1.0
2-Butanone (MEK)	8.4 U	ug/L	8.4	10	1.0
Carbon disulfide	1.0 U	ug/L	1.0	2.0	1.0
Carbon tetrachloride	0.42 U	ug/L	0.42	1.0	1.0
Chlorobenzene	0.63 U	ug/L	0.63	1.0	1.0
Chlorobromomethane	0.58 U	ug/L	0.58	1.0	1.0
Chlorodibromomethane	0.34 U	ug/L	0.34	1.0	1.0
Chloroethane	2.5 U	ug/L	2.5	5.0	1.0
Chloroform	0.90 U	ug/L	0.90	1.0	1.0
Chloromethane	1.0 U	ug/L	1.0	4.0	1.0
Chloroprene	2.5 U	ug/L	2.5	5.0	1.0
cis-1,2-Dichloroethene	0.65 U	ug/L	0.65	1.0	1.0
cis-1,3-Dichloropropene	0.14 U	ug/L	0.14	1.0	1.0
Dibromomethane	0.41 U	ug/L	0.41	1.0	1.0
Dichlorodifluoromethane	2.5 U	ug/L	2.5	5.0	1.0
1,1-Dichloroethane	0.52 U	ug/L	0.52	1.0	1.0
1,2-Dichloroethane	0.57 U	ug/L	0.57	1.0	1.0
1,1-Dichloroethene	0.45 U	ug/L	0.45	1.0	1.0
1,2-Dichloropropane	0.52 U	ug/L	0.52	1.0	1.0
1,3-Dichloropropane	0.39 U	ug/L	0.39	1.0	1.0
2,2-Dichloropropane	0.36 U	ug/L	0.36	1.0	1.0
1,1-Dichloropropene	0.31 U	ug/L	0.31	1.0	1.0
Ethylbenzene	0.44 U	ug/L	0.44	1.0	1.0
Ethyl methacrylate	2.5 U	ug/L	2.5	5.0	1.0
2-Hexanone	4.4 U	ug/L	4.4	10	1.0
Iodomethane	2.5 U J3	ug/L	2.5	5.0	1.0
Isobutyl alcohol	31 U	ug/L	31	200	1.0
Methacrylonitrile	1.8 U	ug/L	1.8	100	1.0
Methylene Chloride	4.0 U	ug/L	4.0	5.0	1.0
Methyl methacrylate	2.5 U	ug/L	2.5	5.0	1.0
4-Methyl-2-pentanone (MIBK)	3.8 U	ug/L	3.8	10	1.0

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601 East Kennedy Blvd
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Job Number: 660-40153-1

Client Sample ID: Trip Blank
Lab Sample ID: 660-40172-7

Date Sampled: 03/10/2011 1037
Date Received: 03/11/2011 1415
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Propionitrile	7.2	U	ug/L	7.2	100	1.0
Styrene	0.98	U	ug/L	0.98	2.0	1.0
1,1,1,2-Tetrachloroethane	0.63	U	ug/L	0.63	1.0	1.0
1,1,2,2-Tetrachloroethane	0.15	U	ug/L	0.15	1.0	1.0
Tetrachloroethene	0.50	U	ug/L	0.50	1.0	1.0
Toluene	0.51	U	ug/L	0.51	1.0	1.0
trans-1,4-Dichloro-2-butene	2.5	U	ug/L	2.5	10	1.0
trans-1,2-Dichloroethene	0.44	U	ug/L	0.44	1.0	1.0
trans-1,3-Dichloropropene	0.14	U	ug/L	0.14	1.0	1.0
1,1,1-Trichloroethane	0.46	U	ug/L	0.46	1.0	1.0
1,1,2-Trichloroethane	0.47	U	ug/L	0.47	1.0	1.0
Trichloroethene	0.50	U	ug/L	0.50	1.0	1.0
Trichlorofluoromethane	2.5	U	ug/L	2.5	5.0	1.0
1,2,3-Trichloropropane	0.18	U	ug/L	0.18	1.0	1.0
Vinyl acetate	1.5	U	ug/L	1.5	10	1.0
Vinyl chloride	0.50	U	ug/L	0.50	1.0	1.0
Xylenes, Total	0.50	U	ug/L	0.50	3.0	1.0
Surrogate	Acceptance Limits					
4-Bromofluorobenzene	97		%		70 - 130	
Dibromofluoromethane	99		%		70 - 130	
Toluene-d8 (Surr)	100		%		70 - 130	

DATA REPORTING QUALIFIERS

Client: Hillsborough County

Job Number: 660-40153-1

Lab Section	Qualifier	Description
GC/MS VOA		
	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.
GC/MS Semi VOA		
	J3	Estimated value; value may not be accurate. Spike recovery or RPD outside of criteria.
	J1	Estimated value; value may not be accurate. Surrogate recovery outside of criteria.
	U	Indicates that the compound was analyzed for but not detected.
	D1	Surrogate or matrix spike recoveries were not obtained because the extract was diluted for analysis
	I	The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
Metals		
	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.

Morris, John R.

From: Adams, David [AdamsDS@HillsboroughCounty.ORG]
Sent: Thursday, March 24, 2011 2:19 PM
To: Morris, John R.
Subject: FW: Files from 660-40034-1 Southeast Landfill - March 3rd
Attachments: J40034-1 FI_L2_SmpSort Final Report.pdf

EVENT # 11

3/3 & 3/4/11

From: Robertson, Nancy [<mailto:nancy.robertson@testamericainc.com>]
Sent: Wednesday, March 16, 2011 2:46 PM
To: Adams, David; Clayton, James; Townsel, Michael
Subject: Files from 660-40034-1 Southeast Landfill

NANCY ROBERTSON

TestAmerica Tampa
THE LEADER IN ENVIRONMENTAL TESTING

Tel: 813.885.7427
www.testamericainc.com

Reference: [059117]
Attachments: 1

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ANALYZED FILTERED/UNFILTERED
SAMPLES FROM P-13 & TH-42
FOR METRO

ANALYTICAL REPORT

Job Number: 660-40034-1

Job Description: Southeast Landfill

For:
Hillsborough County
Solid Waste Management Department
601 East Kennedy Blvd
24th Floor County Center
Tampa, FL 33601
Attention: Mr. David S Adams



Approved for release.
Nancy Robertson
Project Manager II
3/16/2011 2:40 PM

Nancy Robertson
Project Manager II
nancy.robertson@testamericainc.com
03/16/2011

cc: Mr. Jim Clayton
Mr. Michael Townsel

Methods: FDEP, DOH Certification #: TestAmerica Tampa E84282

These test results meet all the requirements of NELAC unless specified in the case narrative. All questions regarding this test report should be directed to the TestAmerica Project Manager who signed this test report. The estimated uncertainty associated with these reported results is available upon request. The results contained in this test report relate only to these samples included herein.

TestAmerica Laboratories, Inc.

TestAmerica Tampa 6712 Benjamin Road, Suite 100, Tampa, FL 33634
Tel (813) 885-7427 Fax (813) 885-7049 www.testamericainc.com



Job Narrative
660-40034-1

Comments

No additional comments.

Receipt

All samples were received in good condition within temperature requirements.

GC/MS VOA

Method 8260B: A full list spike was utilized for this method. Due to the large number of spiked analytes, there is a high probability that one or more analytes will recover outside acceptance limits. The laboratory's SOP allows for 5 analytes to recover outside criteria. The LCS associated with batch 107383 had acetone and acrolein outside control limits. The associated samples are flagged with J3.

Method 8260B: The matrix spike (MS) recoveries for batch 107383 were outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria. The sample is flagged with J3.

No other analytical or quality issues were noted.

GC/MS Semi VOA

No analytical or quality issues were noted.

Metals

Method 6010B: Sample TH-42 had a positive result for lead. The sample had high field turbidity and sediment at the bottom of the metals bottle received in the laboratory. A field filtered sample for TH-42 was taken in the field and the result for lead was non detect. Due to this fact, we can conclude that the sediment attributed to the sample result in the non filtered sample.

No analytical or quality issues were noted.

General Chemistry

Method 300.0: The matrix spike / matrix spike duplicate (MS/MSD) for batch 107433 was reported over the calibration curve for chloride.

Method 350.1: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 107363 were outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria. The sample is flagged with J3.

No other analytical or quality issues were noted.

EXECUTIVE SUMMARY - Detections

Client: Hillsborough County

Job Number: 660-40034-1

Lab Sample ID Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
660-40034-1 TH-30 WACS# 1065					
Field pH		4.68		SU	Field Sampling
Field Temperature		24.48		Degrees C	Field Sampling
Oxygen, Dissolved		0.30		mg/L	Field Sampling
Specific Conductance		239		umhos/cm	Field Sampling
Turbidity		2.40		NTU	Field Sampling
Chloride		60	1.0	mg/L	300.0
Ammonia as N		0.89	0.020	mg/L	350.1
Total Dissolved Solids		150	5.0	mg/L	SM 2540C
Total Recoverable					
Chromium		2.1 I	10	ug/L	6010B
Iron		250	200	ug/L	6010B
Sodium		21	0.50	mg/L	6010B
660-40034-3 TH-58 WACS# 1571					
Field pH		5.68		SU	Field Sampling
Field Temperature		25.6		Degrees C	Field Sampling
Oxygen, Dissolved		0.42		mg/L	Field Sampling
Specific Conductance		591		umhos/cm	Field Sampling
Turbidity		0.60		NTU	Field Sampling
Chloride		76	1.0	mg/L	300.0
Ammonia as N		0.61	0.020	mg/L	350.1
Total Dissolved Solids		300	5.0	mg/L	SM 2540C
Total Recoverable					
Arsenic		24	10	ug/L	6010B
Chromium		2.3 I	10	ug/L	6010B
Iron		4100	200	ug/L	6010B
Sodium		19	0.50	mg/L	6010B

EXECUTIVE SUMMARY - Detections

Client: Hillsborough County

Job Number: 660-40034-1

Lab Sample ID Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
660-40034-4	TH-18S WACS# 27752				
Field pH		4.86		SU	Field Sampling
Field Temperature		19.62		Degrees C	Field Sampling
Oxygen, Dissolved		0.28		mg/L	Field Sampling
Specific Conductance		132		umhos/cm	Field Sampling
Turbidity		38.6		NTU	Field Sampling
Chloride		17	0.50	mg/L	300.0
Ammonia as N		0.45	0.020	mg/L	350.1
Total Dissolved Solids		92	5.0	mg/L	SM 2540C
<i>Dissolved</i>					
Iron		2000	200	ug/L	6010B
Sodium		9.0	0.50	mg/L	6010B
Vanadium		2.5	10	ug/L	6010B
<i>Total Recoverable</i>					
Cadmium		1.1	4.0	ug/L	6010B
Chromium		8.3	10	ug/L	6010B
Iron		2200	200	ug/L	6010B
Sodium		8.7	0.50	mg/L	6010B
Vanadium		25	10	ug/L	6010B
660-40034-5	DUPLICATE				
Chloride		78	1.0	mg/L	300.0
Ammonia as N		0.62	0.020	mg/L	350.1
Total Dissolved Solids		320	5.0	mg/L	SM 2540C
<i>Total Recoverable</i>					
Arsenic		26	10	ug/L	6010B
Chromium		2.1	10	ug/L	6010B
Iron		4100	200	ug/L	6010B
Sodium		19	0.50	mg/L	6010B

EXECUTIVE SUMMARY - Detections

Client: Hillsborough County

Job Number: 660-40034-1

Lab Sample ID Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
660-40034-6	TH-73 WACS# 27754				
Field pH		5.56		SU	Field Sampling
Field Temperature		26.0		Degrees C	Field Sampling
Oxygen, Dissolved		0.53		mg/L	Field Sampling
Specific Conductance		382		umhos/cm	Field Sampling
Turbidity		19.4		NTU	Field Sampling
Chloride		61	1.0	mg/L	300.0
Ammonia as N		2.1	0.020	mg/L	350.1
Total Dissolved Solids		200	5.0	mg/L	SM 2540C
Total Recoverable					
Chromium		3.8	10	ug/L	6010B
Iron		21000	200	ug/L	6010B
Sodium		29	0.50	mg/L	6010B
660-40034-7	BLANK, EQUIPMENT				
Ammonia as N		0.021	0.020	mg/L	350.1
660-40034-8	TH-57 WACS# 1570				
Field pH		5.16		SU	Field Sampling
Field Temperature		25.8		Degrees C	Field Sampling
Oxygen, Dissolved		0.24		mg/L	Field Sampling
Specific Conductance		198		umhos/cm	Field Sampling
Turbidity		0.60		NTU	Field Sampling
Chloride		39	0.50	mg/L	300.0
Ammonia as N		0.88	0.020	mg/L	350.1
Total Dissolved Solids		110	5.0	mg/L	SM 2540C
Total Recoverable					
Iron		480	200	ug/L	6010B
Sodium		13	0.50	mg/L	6010B

EXECUTIVE SUMMARY - Detections

Client: Hillsborough County

Job Number: 660-40034-1

Lab Sample ID Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
660-40034-9	TH-72 WACS# 27753				
Field pH		7.35		SU	Field Sampling
Field Temperature		22.8		Degrees C	Field Sampling
Oxygen, Dissolved		0.77		mg/L	Field Sampling
Specific Conductance		579		umhos/cm	Field Sampling
Turbidity		0.80		NTU	Field Sampling
Chloride		31	0.50	mg/L	300.0
Ammonia as N		0.23	0.020	mg/L	350.1
Total Dissolved Solids		330	5.0	mg/L	SM 2540C
Total Recoverable					
Iron		430	200	ug/L	6010B
Sodium		32	0.50	mg/L	6010B
660-40034-10	TH-19 WACS# 821				
Field pH		7.48		SU	Field Sampling
Field Temperature		23.4		Degrees C	Field Sampling
Oxygen, Dissolved		0.35		mg/L	Field Sampling
Specific Conductance		419		umhos/cm	Field Sampling
Turbidity		0.10		NTU	Field Sampling
Chloride		8.3	0.50	mg/L	300.0
Ammonia as N		0.20	0.020	mg/L	350.1
Total Dissolved Solids		240	5.0	mg/L	SM 2540C
Total Recoverable					
Sodium		14	0.50	mg/L	6010B
660-40034-11	TH-28A WACS# 19862				
Field pH		5.18		SU	Field Sampling
Field Temperature		26.0		Degrees C	Field Sampling
Oxygen, Dissolved		0.51		mg/L	Field Sampling
Specific Conductance		229		umhos/cm	Field Sampling
Turbidity		13.2		NTU	Field Sampling
Chloride		43	0.50	mg/L	300.0
Ammonia as N		1.1	0.020	mg/L	350.1
Total Dissolved Solids		140	5.0	mg/L	SM 2540C
Total Recoverable					
Chromium		3.3	10	ug/L	6010B
Iron		2700	200	ug/L	6010B
Sodium		18	0.50	mg/L	6010B

EXECUTIVE SUMMARY - Detections

Client: Hillsborough County

Job Number: 660-40034-1

Lab Sample ID	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
660-40034-12	TH-40 WACS# 822				
Field pH		7.71		SU	Field Sampling
Field Temperature		23.4		Degrees C	Field Sampling
Oxygen, Dissolved		0.34		mg/L	Field Sampling
Specific Conductance		378		umhos/cm	Field Sampling
Turbidity		0.10		NTU	Field Sampling
Chloride		8.4	0.50	mg/L	300.0
Ammonia as N		0.27	0.020	mg/L	350.1
Total Dissolved Solids		230	5.0	mg/L	SM 2540C
Total Recoverable					
Sodium		16	0.50	mg/L	6010B
660-40034-13	TH-42 WACS# 823				
Field pH		7.33		SU	Field Sampling
Field Temperature		23.7		Degrees C	Field Sampling
Oxygen, Dissolved		0.25		mg/L	Field Sampling
Specific Conductance		527		umhos/cm	Field Sampling
Turbidity		40.8		NTU	Field Sampling
Chloride		17	0.50	mg/L	300.0
Ammonia as N		0.17	0.020	mg/L	350.1
Total Dissolved Solids		310	5.0	mg/L	SM 2540C
Dissolved					
Sodium		16	0.50	mg/L	6010B
Total Recoverable					
Chromium		9.7 I	10	ug/L	6010B
Iron		1200	200	ug/L	6010B
Lead		14	10	ug/L	6010B
Sodium		16	0.50	mg/L	6010B
Vanadium		8.5 I	10	ug/L	6010B
660-40052-1	SUP 1 WACS# 27755				
Field pH		7.68		SU	Field Sampling
Field Temperature		24.48		Degrees C	Field Sampling
Oxygen, Dissolved		0.08		mg/L	Field Sampling
Specific Conductance		370		umhos/cm	Field Sampling
Turbidity		0.3		NTU	Field Sampling
Chloride		9.9	0.50	mg/L	300.0
Ammonia as N		0.13	0.020	mg/L	350.1
Total Dissolved Solids		190	5.0	mg/L	SM 2540C
Total Recoverable					
Lead		2.5 I	10	ug/L	6010B
Sodium		8.6	0.50	mg/L	6010B

TestAmerica Tampa

EXECUTIVE SUMMARY - Detections

Client: Hillsborough County

Job Number: 660-40034-1

Lab Sample ID Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
660-40052-2	SUP 2 WACS# 27756				
Field pH		7.72		SU	Field Sampling
Field Temperature		24.66		Degrees C	Field Sampling
Oxygen, Dissolved		0.43		mg/L	Field Sampling
Specific Conductance		379		umhos/cm	Field Sampling
Turbidity		0.8		NTU	Field Sampling
Chloride		11	0.50	mg/L	300.0
Ammonia as N		0.13	0.020	mg/L	350.1
Total Dissolved Solids		210	5.0	mg/L	SM 2540C
Total Recoverable					
Sodium		8.6	0.50	mg/L	6010B

METHOD SUMMARY

Client: Hillsborough County

Job Number: 660-40034-1

Description	Lab Location	Method	Preparation Method
Matrix Water			
Volatile Organic Compounds (GC/MS)	TAL TAM	SW846 8260B	
Purge and Trap	TAL TAM		SW846 5030B
Semivolatile Organic Compounds (GC/MS)	TAL TAM	SW846 8270C	
Liquid-Liquid Extraction (Continuous)	TAL TAM		SW846 3520C
Metals (ICP)	TAL TAM	SW846 6010B	
Preparation, Total Recoverable or Dissolved Metals	TAL TAM		SW846 3005A
Metals (ICP)	TAL TAM	SW846 6010B	
Preparation, Total Recoverable or Dissolved Metals	TAL TAM		SW846 3005A
Sample Filtration, Field			FIELD_FLTRD
Anions, Ion Chromatography	TAL TAM	MCAWW 300.0	
Nitrogen, Ammonia	TAL TAM	MCAWW 350.1	
Solids, Total Dissolved (TDS)	TAL TAM	SM SM 2540C	
Field Sampling	TAL TAM	EPA Field Sampling	

Lab References:

TAL TAM = TestAmerica Tampa

Method References:

EPA = US Environmental Protection Agency

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: Hillsborough County

Job Number: 660-40034-1

Method	Analyst	Analyst ID
SW846 8260B	Campbell, Ed	EC
SW846 8270C	Cappelluti, Alyssa	AP
SW846 6010B	Fox, Greg	GF
EPA Field Sampling	Sampler, Field	FS
MCAWW 300.0	Steward, Tiffany	TS
MCAWW 350.1	Office, Trey	TO
SM SM 2540C	Oonnoony, Thomas	TO

SAMPLE SUMMARY

Client: Hillsborough County

Job Number: 660-40034-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
660-40034-1	TH-30 WACS# 1065	Water	03/03/2011 1309	03/03/2011 1650
660-40034-3	TH-58 WACS# 1571	Water	03/03/2011 1331	03/03/2011 1650
660-40034-4	TH-18S WACS# 27752	Water	03/03/2011 1243	03/03/2011 1650
660-40034-5	DUPLICATE	Water	03/03/2011 0000	03/03/2011 1650
660-40034-6	TH-73 WACS# 27754	Water	03/03/2011 1358	03/03/2011 1650
660-40034-7	BLANK, EQUIPMENT	Water	03/03/2011 0955	03/03/2011 1650
660-40034-8	TH-57 WACS# 1570	Water	03/03/2011 1525	03/03/2011 1650
660-40034-9	TH-72 WACS# 27753	Water	03/03/2011 1509	03/03/2011 1650
660-40034-10	TH-19 WACS# 821	Water	03/03/2011 1047	03/03/2011 1650
660-40034-11	TH-28A WACS# 19862	Water	03/03/2011 1428	03/03/2011 1650
660-40034-12	TH-40 WACS# 822	Water	03/03/2011 1021	03/03/2011 1650
660-40034-13	TH-42 WACS# 823	Water	03/03/2011 1146	03/03/2011 1650
660-40034-14	BLANK, TRAVEL	Water	03/03/2011 0953	03/03/2011 1650
660-40052-1	SUP 1 WACS# 27755	Water	03/04/2011 1135	03/04/2011 1543
660-40052-2	SUP 2 WACS# 27756	Water	03/04/2011 1109	03/04/2011 1543

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Job Number: 660-40034-1

Client Sample ID: TH-30 WACS# 1065
Lab Sample ID: 660-40034-1

Date Sampled: 03/03/2011 1309
Date Received: 03/03/2011 1650
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Method: Total Recoverable-6010B			Date Analyzed:		03/09/2011 1456	
Prep Method: 3005A			Date Prepared:		03/09/2011 0923	
Arsenic	4.0	U	ug/L	4.0	10	1.0
Cadmium	1.0	U	ug/L	1.0	4.0	1.0
Chromium	2.1	I	ug/L	2.0	10	1.0
Iron	250		ug/L	50	200	1.0
Lead	2.0	U	ug/L	2.0	10	1.0
Sodium	21		mg/L	0.31	0.50	1.0
Method: 300.0			Date Analyzed:		03/07/2011 2219	
Chloride	60		mg/L	0.40	1.0	2.0
Method: 350.1			Date Analyzed:		03/07/2011 1417	
Ammonia as N	0.89		mg/L	0.010	0.020	1.0

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Job Number: 660-40034-1

Client Sample ID: TH-30 WACS# 1065
Lab Sample ID: 660-40034-1

Date Sampled: 03/03/2011 1309
Date Received: 03/03/2011 1650
Client Matrix: Water

Analyte	Result/Qualifier	Unit	NONE	NONE	Dilution
Method: Field Sampling		Date Analyzed:	03/03/2011 1309		
Field pH	4.68	SU			1.0
Field Temperature	24.48	Degrees C			1.0
Oxygen, Dissolved	0.30	mg/L			1.0
Specific Conductance	239	umhos/cm			1.0
Turbidity	2.40	NTU			1.0

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Job Number: 660-40034-1

Client Sample ID: TH-30 WACS# 1065
Lab Sample ID: 660-40034-1

Date Sampled: 03/03/2011 1309
Date Received: 03/03/2011 1650
Client Matrix: Water

Analyte	Result/Qualifier	Unit	PQL	PQL	Dilution
Method: SM 2540C					
Total Dissolved Solids	150	mg/L	5.0	5.0	1.0

Date Analyzed: 03/08/2011 1403

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Job Number: 660-40034-1

Client Sample ID: TH-58 WACS# 1571
Lab Sample ID: 660-40034-3

Date Sampled: 03/03/2011 1331
Date Received: 03/03/2011 1650
Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
Method: Total Recoverable-6010B			Date Analyzed:	03/09/2011 1508	
Prep Method: 3005A			Date Prepared:	03/09/2011 0923	
Arsenic	24	ug/L	4.0	10	1.0
Cadmium	1.0 U	ug/L	1.0	4.0	1.0
Chromium	2.3 I	ug/L	2.0	10	1.0
Iron	4100	ug/L	50	200	1.0
Lead	2.0 U	ug/L	2.0	10	1.0
Sodium	19	mg/L	0.31	0.50	1.0
Method: 300.0			Date Analyzed:	03/07/2011 2246	
Chloride	76	mg/L	0.40	1.0	2.0
Method: 350.1			Date Analyzed:	03/07/2011 1418	
Ammonia as N	0.61	mg/L	0.010	0.020	1.0

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Job Number: 660-40034-1

Client Sample ID: TH-58 WACS# 1571
Lab Sample ID: 660-40034-3

Date Sampled: 03/03/2011 1331
Date Received: 03/03/2011 1650
Client Matrix: Water

Analyte	Result/Qualifier	Unit	NONE	NONE	Dilution
Method: Field Sampling		Date Analyzed: 03/03/2011 1331			
Field pH	5.68	SU			1.0
Field Temperature	25.6	Degrees C			1.0
Oxygen, Dissolved	0.42	mg/L			1.0
Specific Conductance	591	umhos/cm			1.0
Turbidity	0.60	NTU			1.0

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Job Number: 660-40034-1

Client Sample ID: TH-58 WACS# 1571
Lab Sample ID: 660-40034-3

Date Sampled: 03/03/2011 1331
Date Received: 03/03/2011 1650
Client Matrix: Water

Analyte	Result/Qualifier	Unit	PQL	PQL	Dilution
Method: SM 2540C					
Total Dissolved Solids	300	mg/L	5.0	5.0	1.0

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Job Number: 660-40034-1

Client Sample ID: TH-18S WACS# 27752
Lab Sample ID: 660-40034-4

Date Sampled: 03/03/2011 1243
Date Received: 03/03/2011 1650
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Method: Total Recoverable-6010B			Date Analyzed:		03/09/2011 1512	
Prep Method: 3005A			Date Prepared:		03/09/2011 0923	
Arsenic	4.0	U	ug/L	4.0	10	1.0
Cadmium	1.1	I	ug/L	1.0	4.0	1.0
Chromium	8.3	I	ug/L	2.0	10	1.0
Iron	2200		ug/L	50	200	1.0
Lead	2.0	U	ug/L	2.0	10	1.0
Sodium	8.7		mg/L	0.31	0.50	1.0
Vanadium	25		ug/L	2.5	10	1.0
Method: Dissolved-6010B			Date Analyzed:		03/09/2011 1515	
Prep Method: 3005A			Date Prepared:		03/09/2011 0923	
Arsenic	4.0	U	ug/L	4.0	10	1.0
Cadmium	1.0	U	ug/L	1.0	4.0	1.0
Chromium	2.0	U	ug/L	2.0	10	1.0
Iron	2000		ug/L	50	200	1.0
Lead	2.0	U	ug/L	2.0	10	1.0
Sodium	9.0		mg/L	0.31	0.50	1.0
Vanadium	2.5	I	ug/L	2.5	10	1.0
Method: 300.0			Date Analyzed:		03/07/2011 1512	
Chloride	17		mg/L	0.20	0.50	1.0
Method: 350.1			Date Analyzed:		03/07/2011 1420	
Ammonia as N	0.45		mg/L	0.010	0.020	1.0

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Job Number: 660-40034-1

Client Sample ID: TH-18S WACS# 27752
Lab Sample ID: 660-40034-4

Date Sampled: 03/03/2011 1243
Date Received: 03/03/2011 1650
Client Matrix: Water

Analyte	Result/Qualifier	Unit	NONE	NONE	Dilution
Method: Field Sampling		Date Analyzed: 03/03/2011 1243			
Field pH	4.86	SU			1.0
Field Temperature	19.62	Degrees C			1.0
Oxygen, Dissolved	0.28	mg/L			1.0
Specific Conductance	132	umhos/cm			1.0
Turbidity	38.6	NTU			1.0

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Job Number: 660-40034-1

Client Sample ID: TH-18S WACS# 27752
Lab Sample ID: 660-40034-4

Date Sampled: 03/03/2011 1243
Date Received: 03/03/2011 1650
Client Matrix: Water

Analyte	Result/Qualifier	Unit	PQL	PQL	Dilution
Method: SM 2540C			Date Analyzed:	03/08/2011 1404	
Total Dissolved Solids	92	mg/L	5.0	5.0	1.0

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Job Number: 660-40034-1

Client Sample ID: DUPLICATE
Lab Sample ID: 660-40034-5

Date Sampled: 03/03/2011 0000
Date Received: 03/03/2011 1650
Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
Method: Total Recoverable-6010B			Date Analyzed:	03/09/2011 1525	
Prep Method: 3005A			Date Prepared:	03/09/2011 0923	
Arsenic	26	ug/L	4.0	10	1.0
Cadmium	1.0 U	ug/L	1.0	4.0	1.0
Chromium	2.1 I	ug/L	2.0	10	1.0
Iron	4100	ug/L	50	200	1.0
Lead	2.0 U	ug/L	2.0	10	1.0
Sodium	19	mg/L	0.31	0.50	1.0
Method: 300.0			Date Analyzed:	03/07/2011 2312	
Chloride	78	mg/L	0.40	1.0	2.0
Method: 350.1			Date Analyzed:	03/07/2011 1423	
Ammonia as N	0.62 J3	mg/L	0.010	0.020	1.0

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Job Number: 660-40034-1

Client Sample ID: DUPLICATE
Lab Sample ID: 660-40034-5

Date Sampled: 03/03/2011 0000
Date Received: 03/03/2011 1650
Client Matrix: Water

Analyte	Result/Qualifier	Unit	PQL	PQL	Dilution
Method: SM 2540C					
Total Dissolved Solids	320	mg/L	5.0	5.0	1.0

Date Analyzed: 03/08/2011 1405

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Job Number: 660-40034-1

Client Sample ID: TH-73 WACS# 27754
Lab Sample ID: 660-40034-6

Date Sampled: 03/03/2011 1358
Date Received: 03/03/2011 1650
Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
Method: 8260B			Date Analyzed: 03/07/2011 0837		
Prep Method: 5030B			Date Prepared: 03/07/2011 0837		
Acetone	9.9 U J3	ug/L	9.9	20	1.0
Acetonitrile	20 U	ug/L	20	20	1.0
Acrolein	3.8 U J3	ug/L	3.8	5.0	1.0
Acrylonitrile	1.2 U	ug/L	1.2	10	1.0
Allyl chloride	2.5 U	ug/L	2.5	5.0	1.0
Benzene	0.50 U	ug/L	0.50	1.0	1.0
Bromodichloromethane	0.35 U	ug/L	0.35	1.0	1.0
Bromoform	0.58 U	ug/L	0.58	1.0	1.0
Bromomethane	2.5 U	ug/L	2.5	5.0	1.0
2-Butanone (MEK)	8.4 U	ug/L	8.4	10	1.0
Carbon disulfide	1.0 U	ug/L	1.0	2.0	1.0
Carbon tetrachloride	0.42 U	ug/L	0.42	1.0	1.0
Chlorobenzene	0.63 U	ug/L	0.63	1.0	1.0
Chlorobromomethane	0.58 U	ug/L	0.58	1.0	1.0
Chlorodibromomethane	0.34 U	ug/L	0.34	1.0	1.0
Chloroethane	2.5 U	ug/L	2.5	5.0	1.0
Chloroform	0.90 U	ug/L	0.90	1.0	1.0
Chloromethane	1.0 U	ug/L	1.0	4.0	1.0
Chloroprene	2.5 U	ug/L	2.5	5.0	1.0
cis-1,2-Dichloroethene	0.65 U	ug/L	0.65	1.0	1.0
cis-1,3-Dichloropropene	0.14 U	ug/L	0.14	1.0	1.0
Dibromomethane	0.41 U	ug/L	0.41	1.0	1.0
Dichlorodifluoromethane	2.5 U	ug/L	2.5	5.0	1.0
1,1-Dichloroethane	0.52 U	ug/L	0.52	1.0	1.0
1,2-Dichloroethane	0.57 U	ug/L	0.57	1.0	1.0
1,1-Dichloroethene	0.45 U	ug/L	0.45	1.0	1.0
1,2-Dichloropropane	0.52 U	ug/L	0.52	1.0	1.0
1,3-Dichloropropane	0.39 U	ug/L	0.39	1.0	1.0
2,2-Dichloropropane	0.36 U	ug/L	0.36	1.0	1.0
1,1-Dichloropropene	0.31 U	ug/L	0.31	1.0	1.0
Ethylbenzene	0.44 U	ug/L	0.44	1.0	1.0
Ethyl methacrylate	2.5 U	ug/L	2.5	5.0	1.0
2-Hexanone	4.4 U	ug/L	4.4	10	1.0
Iodomethane	2.5 U J3	ug/L	2.5	5.0	1.0
Isobutyl alcohol	31 U	ug/L	31	200	1.0
Methacrylonitrile	1.8 U	ug/L	1.8	100	1.0
Methylene Chloride	4.0 U	ug/L	4.0	5.0	1.0
Methyl methacrylate	2.5 U	ug/L	2.5	5.0	1.0
4-Methyl-2-pentanone (MIBK)	3.8 U	ug/L	3.8	10	1.0

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Job Number: 660-40034-1

Client Sample ID: TH-73 WACS# 27754
Lab Sample ID: 660-40034-6

Date Sampled: 03/03/2011 1358
Date Received: 03/03/2011 1650
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Propionitrile	7.2	U	ug/L	7.2	100	1.0
Styrene	0.98	U	ug/L	0.98	2.0	1.0
1,1,1,2-Tetrachloroethane	0.63	U	ug/L	0.63	1.0	1.0
1,1,2,2-Tetrachloroethane	0.15	U	ug/L	0.15	1.0	1.0
Tetrachloroethene	0.50	U	ug/L	0.50	1.0	1.0
Toluene	0.51	U	ug/L	0.51	1.0	1.0
trans-1,4-Dichloro-2-butene	2.5	U	ug/L	2.5	10	1.0
trans-1,2-Dichloroethene	0.44	U	ug/L	0.44	1.0	1.0
trans-1,3-Dichloropropene	0.14	U	ug/L	0.14	1.0	1.0
1,1,1-Trichloroethane	0.46	U	ug/L	0.46	1.0	1.0
1,1,2-Trichloroethane	0.47	U	ug/L	0.47	1.0	1.0
Trichloroethene	0.50	U	ug/L	0.50	1.0	1.0
Trichlorofluoromethane	2.5	U	ug/L	2.5	5.0	1.0
1,2,3-Trichloropropane	0.18	U	ug/L	0.18	1.0	1.0
Vinyl acetate	1.5	U	ug/L	1.5	10	1.0
Vinyl chloride	0.50	U	ug/L	0.50	1.0	1.0
Xylenes, Total	0.50	U	ug/L	0.50	3.0	1.0
Surrogate	Acceptance Limits					
4-Bromofluorobenzene	99		%		70 - 130	
Dibromofluoromethane	98		%		70 - 130	
Toluene-d8 (Surr)	100		%		70 - 130	
Method: 8270C				Date Analyzed:	03/07/2011 1729	
Prep Method: 3520C				Date Prepared:	03/04/2011 1301	
Benzyl alcohol	2.8	U	ug/L	2.8	9.7	1.0
Bis(2-chloroethoxy)methane	1.9	U	ug/L	1.9	9.7	1.0
Bis(2-chloroethyl)ether	2.5	U	ug/L	2.5	9.7	1.0
bis(2 chloro-1-methylethyl) ether	2.0	U	ug/L	2.0	9.7	1.0
Bis(2-ethylhexyl) phthalate	1.3	U	ug/L	1.3	5.8	1.0
4-Bromophenyl phenyl ether	1.7	U	ug/L	1.7	9.7	1.0
Butyl benzyl phthalate	1.2	U	ug/L	1.2	9.7	1.0
4-Chloroaniline	2.0	U	ug/L	2.0	19	1.0
4-Chloro-3-methylphenol	1.7	U	ug/L	1.7	9.7	1.0
2-Chloronaphthalene	1.6	U	ug/L	1.6	9.7	1.0
2-Chlorophenol	2.0	U	ug/L	2.0	9.7	1.0
4-Chlorophenyl phenyl ether	1.7	U	ug/L	1.7	9.7	1.0
Dibenzofuran	1.6	U	ug/L	1.6	9.7	1.0
1,2-Dichlorobenzene	1.1	U	ug/L	1.1	9.7	1.0
1,3-Dichlorobenzene	1.1	U	ug/L	1.1	9.7	1.0
1,4-Dichlorobenzene	1.2	U	ug/L	1.2	9.7	1.0
3,3'-Dichlorobenzidine	1.6	U	ug/L	1.6	19	1.0

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Job Number: 660-40034-1

Client Sample ID: TH-73 WACS# 27754
Lab Sample ID: 660-40034-6

Date Sampled: 03/03/2011 1358
Date Received: 03/03/2011 1650
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
2,4-Dichlorophenol	1.7	U	ug/L	1.7	9.7	1.0
Diethyl phthalate	2.4	U	ug/L	2.4	9.7	1.0
2,4-Dimethylphenol	1.7	U	ug/L	1.7	9.7	1.0
Dimethyl phthalate	2.4	U	ug/L	2.4	9.7	1.0
Di-n-butyl phthalate	2.4	U	ug/L	2.4	9.7	1.0
1,3-Dinitrobenzene	0.96	U	ug/L	0.96	9.7	1.0
4,6-Dinitro-2-methylphenol	1.5	U	ug/L	1.5	49	1.0
2,4-Dinitrophenol	6.0	U	ug/L	6.0	49	1.0
2,4-Dinitrotoluene	0.88	U	ug/L	0.88	9.7	1.0
2,6-Dinitrotoluene	0.70	U	ug/L	0.70	9.7	1.0
Di-n-octyl phthalate	2.4	U	ug/L	2.4	9.7	1.0
Hexachlorobenzene	1.7	U	ug/L	1.7	3.9	1.0
Hexachlorobutadiene	0.97	U	ug/L	0.97	9.7	1.0
Hexachlorocyclopentadiene	1.2	U	ug/L	1.2	9.7	1.0
Hexachloroethane	0.83	U	ug/L	0.83	9.7	1.0
Isophorone	1.4	U	ug/L	1.4	9.7	1.0
2-Methylphenol	2.2	U	ug/L	2.2	9.7	1.0
3 & 4 Methylphenol	2.3	U	ug/L	2.3	9.7	1.0
2-Nitroaniline	1.4	U	ug/L	1.4	49	1.0
3-Nitroaniline	1.2	U	ug/L	1.2	49	1.0
4-Nitroaniline	1.4	U	ug/L	1.4	49	1.0
Nitrobenzene	1.8	U	ug/L	1.8	9.7	1.0
2-Nitrophenol	1.2	U	ug/L	1.2	9.7	1.0
4-Nitrophenol	6.0	U	ug/L	6.0	49	1.0
N-Nitrosodimethylamine	2.3	U	ug/L	2.3	9.7	1.0
N-Nitrosodi-n-propylamine	1.8	U	ug/L	1.8	9.7	1.0
N-Nitrosodiphenylamine	1.6	U	ug/L	1.6	9.7	1.0
Pentachlorophenol	1.5	U	ug/L	1.5	15	1.0
Phenol	2.3	U	ug/L	2.3	3.9	1.0
2,3,4,6-Tetrachlorophenol	0.63	U	ug/L	0.63	9.7	1.0
1,2,4-Trichlorobenzene	1.2	U	ug/L	1.2	9.7	1.0
2,4,5-Trichlorophenol	2.0	U	ug/L	2.0	9.7	1.0
2,4,6-Trichlorophenol	1.8	U	ug/L	1.8	9.7	1.0
Surrogate	Acceptance Limits					
2-Fluorobiphenyl	97		%		36 - 124	
2-Fluorophenol	74		%		29 - 121	
Nitrobenzene-d5	97		%		34 - 130	
Phenol-d6 (Surr)	74		%		25 - 128	
Terphenyl-d14	29		%		14 - 148	
2,4,6-Tribromophenol	82		%		29 - 143	

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Job Number: 660-40034-1

Client Sample ID: TH-73 WACS# 27754
Lab Sample ID: 660-40034-6

Date Sampled: 03/03/2011 1358
Date Received: 03/03/2011 1650
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Method: 8270C			Date Analyzed: 03/08/2011 1501			
Prep Method: 3520C			Date Prepared: 03/04/2011 1301			
Acetophenone	1.5	U	ug/L	1.5	9.7	1.0
2-Acetylaminofluorene	0.75	U	ug/L	0.75	9.7	1.0
4-Aminobiphenyl	0.79	U	ug/L	0.79	9.7	1.0
Diallate	1.4	U	ug/L	1.4	9.7	1.0
2,6-Dichlorophenol	1.6	U	ug/L	1.6	9.7	1.0
7,12-Dimethylbenz(a)anthracene	0.89	U	ug/L	0.89	9.7	1.0
3,3'-Dimethylbenzidine	14	U	ug/L	14	19	1.0
Ethyl methanesulfonate	1.3	U	ug/L	1.3	9.7	1.0
Hexachloropropene	0.64	U	ug/L	0.64	9.7	1.0
Isosafrole	1.6	U	ug/L	1.6	9.7	1.0
Kepone	36	U	ug/L	36	49	1.0
Methapyrilene	1.1	U	ug/L	1.1	1900	1.0
3-Methylcholanthrene	0.54	U	ug/L	0.54	9.7	1.0
Methyl methanesulfonate	1.2	U	ug/L	1.2	9.7	1.0
1,4-Naphthoquinone	1.1	U	ug/L	1.1	9.7	1.0
1-Naphthylamine	0.82	U	ug/L	0.82	9.7	1.0
2-Naphthylamine	0.97	U	ug/L	0.97	9.7	1.0
N-Nitro-o-toluidine	0.87	U	ug/L	0.87	9.7	1.0
N-Nitrosodiethylamine	1.5	U	ug/L	1.5	9.7	1.0
N-Nitrosodi-n-butylamine	1.5	U	ug/L	1.5	9.7	1.0
N-Nitrosomethylethylamine	1.6	U	ug/L	1.6	9.7	1.0
N-Nitrosopiperidine	0.84	U	ug/L	0.84	9.7	1.0
N-Nitrosopyrrolidine	1.2	U	ug/L	1.2	9.7	1.0
o,o',o"-Triethylphosphorothioate	1.7	U	ug/L	1.7	9.7	1.0
p-Dimethylamino azobenzene	0.65	U	ug/L	0.65	9.7	1.0
Pentachlorobenzene	0.96	U	ug/L	0.96	9.7	1.0
Pentachloronitrobenzene	1.5	U	ug/L	1.5	9.7	1.0
Phenacetin	0.82	U	ug/L	0.82	9.7	1.0
p-Phenylene diamine	3.0	U	ug/L	3.0	1900	1.0
Pronamide	0.68	U	ug/L	0.68	9.7	1.0
Safrole, Total	1.2	U	ug/L	1.2	9.7	1.0
1,2,4,5-Tetrachlorobenzene	1.1	U	ug/L	1.1	9.7	1.0
2-Toluidine	1.2	U	ug/L	1.2	9.7	1.0
1,3,5-Trinitrobenzene	0.59	U	ug/L	0.59	9.7	1.0
Method: Total Recoverable-6010B			Date Analyzed: 03/09/2011 1528			
Prep Method: 3005A			Date Prepared: 03/09/2011 0923			
Arsenic	4.0	U	ug/L	4.0	10	1.0
Cadmium	1.0	U	ug/L	1.0	4.0	1.0
Chromium	3.8	I	ug/L	2.0	10	1.0

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Job Number: 660-40034-1

Client Sample ID: TH-73 WACS# 27754
Lab Sample ID: 660-40034-6

Date Sampled: 03/03/2011 1358
Date Received: 03/03/2011 1650
Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
Iron	21000	ug/L	50	200	1.0
Lead	2.0 U	ug/L	2.0	10	1.0
Sodium	29	mg/L	0.31	0.50	1.0
Method: 300.0					
Chloride	61	mg/L	0.40	1.0	2.0
Method: 350.1					
Ammonia as N	2.1	mg/L	0.010	0.020	1.0

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Job Number: 660-40034-1

Client Sample ID: TH-73 WACS# 27754
Lab Sample ID: 660-40034-6

Date Sampled: 03/03/2011 1358
Date Received: 03/03/2011 1650
Client Matrix: Water

Analyte	Result/Qualifier	Unit	NONE	NONE	Dilution
Method: Field Sampling		Date Analyzed: 03/03/2011 1358			
Field pH	5.56	SU			1.0
Field Temperature	26.0	Degrees C			1.0
Oxygen, Dissolved	0.53	mg/L			1.0
Specific Conductance	382	umhos/cm			1.0
Turbidity	19.4	NTU			1.0

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Job Number: 660-40034-1

Client Sample ID: TH-73 WACS# 27754
Lab Sample ID: 660-40034-6

Date Sampled: 03/03/2011 1358
Date Received: 03/03/2011 1650
Client Matrix: Water

Analyte	Result/Qualifier	Unit	PQL	PQL	Dilution
Method: SM 2540C					
Total Dissolved Solids	200	mg/L	5.0	5.0	1.0

Date Analyzed: 03/08/2011 1405

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Job Number: 660-40034-1

Client Sample ID: BLANK, EQUIPMENT
Lab Sample ID: 660-40034-7

Date Sampled: 03/03/2011 0955
Date Received: 03/03/2011 1650
Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
Method: 8260B			Date Analyzed: 03/07/2011 1012		
Prep Method: 5030B			Date Prepared: 03/07/2011 1012		
Acetone	9.9 U J3	ug/L	9.9	20	1.0
Acetonitrile	20 U	ug/L	20	20	1.0
Acrolein	3.8 U J3	ug/L	3.8	5.0	1.0
Acrylonitrile	1.2 U	ug/L	1.2	10	1.0
Allyl chloride	2.5 U	ug/L	2.5	5.0	1.0
Benzene	0.50 U	ug/L	0.50	1.0	1.0
Bromodichloromethane	0.35 U	ug/L	0.35	1.0	1.0
Bromoform	0.58 U	ug/L	0.58	1.0	1.0
Bromomethane	2.5 U	ug/L	2.5	5.0	1.0
2-Butanone (MEK)	8.4 U	ug/L	8.4	10	1.0
Carbon disulfide	1.0 U	ug/L	1.0	2.0	1.0
Carbon tetrachloride	0.42 U	ug/L	0.42	1.0	1.0
Chlorobenzene	0.63 U	ug/L	0.63	1.0	1.0
Chlorobromomethane	0.58 U	ug/L	0.58	1.0	1.0
Chlorodibromomethane	0.34 U	ug/L	0.34	1.0	1.0
Chloroethane	2.5 U	ug/L	2.5	5.0	1.0
Chloroform	0.90 U	ug/L	0.90	1.0	1.0
Chloromethane	1.0 U	ug/L	1.0	4.0	1.0
Chloroprene	2.5 U	ug/L	2.5	5.0	1.0
cis-1,2-Dichloroethene	0.65 U	ug/L	0.65	1.0	1.0
cis-1,3-Dichloropropene	0.14 U	ug/L	0.14	1.0	1.0
Dibromomethane	0.41 U	ug/L	0.41	1.0	1.0
Dichlorodifluoromethane	2.5 U	ug/L	2.5	5.0	1.0
1,1-Dichloroethane	0.52 U	ug/L	0.52	1.0	1.0
1,2-Dichloroethane	0.57 U	ug/L	0.57	1.0	1.0
1,1-Dichloroethene	0.45 U	ug/L	0.45	1.0	1.0
1,2-Dichloropropane	0.52 U	ug/L	0.52	1.0	1.0
1,3-Dichloropropane	0.39 U	ug/L	0.39	1.0	1.0
2,2-Dichloropropane	0.36 U	ug/L	0.36	1.0	1.0
1,1-Dichloropropene	0.31 U	ug/L	0.31	1.0	1.0
Ethylbenzene	0.44 U	ug/L	0.44	1.0	1.0
Ethyl methacrylate	2.5 U	ug/L	2.5	5.0	1.0
2-Hexanone	4.4 U	ug/L	4.4	10	1.0
Iodomethane	2.5 U	ug/L	2.5	5.0	1.0
Isobutyl alcohol	31 U	ug/L	31	200	1.0
Methacrylonitrile	1.8 U	ug/L	1.8	100	1.0
Methylene Chloride	4.0 U	ug/L	4.0	5.0	1.0
Methyl methacrylate	2.5 U	ug/L	2.5	5.0	1.0
4-Methyl-2-pentanone (MIBK)	3.8 U	ug/L	3.8	10	1.0

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Job Number: 660-40034-1

Client Sample ID: BLANK, EQUIPMENT
Lab Sample ID: 660-40034-7

Date Sampled: 03/03/2011 0955
Date Received: 03/03/2011 1650
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Propionitrile	7.2	U	ug/L	7.2	100	1.0
Styrene	0.98	U	ug/L	0.98	2.0	1.0
1,1,1,2-Tetrachloroethane	0.63	U	ug/L	0.63	1.0	1.0
1,1,2,2-Tetrachloroethane	0.15	U	ug/L	0.15	1.0	1.0
Tetrachloroethene	0.50	U	ug/L	0.50	1.0	1.0
Toluene	0.51	U	ug/L	0.51	1.0	1.0
trans-1,4-Dichloro-2-butene	2.5	U	ug/L	2.5	10	1.0
trans-1,2-Dichloroethene	0.44	U	ug/L	0.44	1.0	1.0
trans-1,3-Dichloropropene	0.14	U	ug/L	0.14	1.0	1.0
1,1,1-Trichloroethane	0.46	U	ug/L	0.46	1.0	1.0
1,1,2-Trichloroethane	0.47	U	ug/L	0.47	1.0	1.0
Trichloroethene	0.50	U	ug/L	0.50	1.0	1.0
Trichlorofluoromethane	2.5	U	ug/L	2.5	5.0	1.0
1,2,3-Trichloropropane	0.18	U	ug/L	0.18	1.0	1.0
Vinyl acetate	1.5	U	ug/L	1.5	10	1.0
Vinyl chloride	0.50	U	ug/L	0.50	1.0	1.0
Xylenes, Total	0.50	U	ug/L	0.50	3.0	1.0
Surrogate	Acceptance Limits					
4-Bromofluorobenzene	100		%		70 - 130	
Dibromofluoromethane	98		%		70 - 130	
Toluene-d8 (Surr)	101		%		70 - 130	
Method: 8270C	Date Analyzed: 03/07/2011 1750					
Prep Method: 3520C	Date Prepared: 03/04/2011 1301					
Benzyl alcohol	2.8	U	ug/L	2.8	9.6	1.0
Bis(2-chloroethoxy)methane	1.9	U	ug/L	1.9	9.6	1.0
Bis(2-chloroethyl)ether	2.5	U	ug/L	2.5	9.6	1.0
bis(2 chloro-1-methylethyl) ether	2.0	U	ug/L	2.0	9.6	1.0
Bis(2-ethylhexyl) phthalate	1.2	U	ug/L	1.2	5.8	1.0
4-Bromophenyl phenyl ether	1.6	U	ug/L	1.6	9.6	1.0
Butyl benzyl phthalate	1.2	U	ug/L	1.2	9.6	1.0
4-Chloroaniline	2.0	U	ug/L	2.0	19	1.0
4-Chloro-3-methylphenol	1.6	U	ug/L	1.6	9.6	1.0
2-Chloronaphthalene	1.5	U	ug/L	1.5	9.6	1.0
2-Chlorophenol	2.0	U	ug/L	2.0	9.6	1.0
4-Chlorophenyl phenyl ether	1.7	U	ug/L	1.7	9.6	1.0
Dibenzofuran	1.5	U	ug/L	1.5	9.6	1.0
1,2-Dichlorobenzene	1.1	U	ug/L	1.1	9.6	1.0
1,3-Dichlorobenzene	1.1	U	ug/L	1.1	9.6	1.0
1,4-Dichlorobenzene	1.2	U	ug/L	1.2	9.6	1.0
3,3'-Dichlorobenzidine	1.5	U	ug/L	1.5	19	1.0

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Tampa, FL 33601

Job Number: 660-40034-1

Client Sample ID: BLANK, EQUIPMENT
Lab Sample ID: 660-40034-7

Date Sampled: 03/03/2011 0955
Date Received: 03/03/2011 1650
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
2,4-Dichlorophenol	1.7	U	ug/L	1.7	9.6	1.0
Diethyl phthalate	2.4	U	ug/L	2.4	9.6	1.0
2,4-Dimethylphenol	1.7	U	ug/L	1.7	9.6	1.0
Dimethyl phthalate	2.4	U	ug/L	2.4	9.6	1.0
Di-n-butyl phthalate	2.4	U	ug/L	2.4	9.6	1.0
1,3-Dinitrobenzene	0.95	U	ug/L	0.95	9.6	1.0
4,6-Dinitro-2-methylphenol	1.4	U	ug/L	1.4	48	1.0
2,4-Dinitrophenol	6.0	U	ug/L	6.0	48	1.0
2,4-Dinitrotoluene	0.88	U	ug/L	0.88	9.6	1.0
2,6-Dinitrotoluene	0.69	U	ug/L	0.69	9.6	1.0
Di-n-octyl phthalate	2.4	U	ug/L	2.4	9.6	1.0
Hexachlorobenzene	1.6	U	ug/L	1.6	3.8	1.0
Hexachlorobutadiene	0.96	U	ug/L	0.96	9.6	1.0
Hexachlorocyclopentadiene	1.2	U	ug/L	1.2	9.6	1.0
Hexachloroethane	0.82	U	ug/L	0.82	9.6	1.0
Isophorone	1.3	U	ug/L	1.3	9.6	1.0
2-Methylphenol	2.2	U	ug/L	2.2	9.6	1.0
3 & 4 Methylphenol	2.3	U	ug/L	2.3	9.6	1.0
2-Nitroaniline	1.3	U	ug/L	1.3	48	1.0
3-Nitroaniline	1.2	U	ug/L	1.2	48	1.0
4-Nitroaniline	1.3	U	ug/L	1.3	48	1.0
Nitrobenzene	1.8	U	ug/L	1.8	9.6	1.0
2-Nitrophenol	1.2	U	ug/L	1.2	9.6	1.0
4-Nitrophenol	6.0	U	ug/L	6.0	48	1.0
N-Nitrosodimethylamine	2.3	U	ug/L	2.3	9.6	1.0
N-Nitrosodi-n-propylamine	1.8	U	ug/L	1.8	9.6	1.0
N-Nitrosodiphenylamine	1.5	U	ug/L	1.5	9.6	1.0
Pentachlorophenol	1.4	U	ug/L	1.4	14	1.0
Phenol	2.3	U	ug/L	2.3	3.8	1.0
2,3,4,6-Tetrachlorophenol	0.62	U	ug/L	0.62	9.6	1.0
1,2,4-Trichlorobenzene	1.2	U	ug/L	1.2	9.6	1.0
2,4,5-Trichlorophenol	2.0	U	ug/L	2.0	9.6	1.0
2,4,6-Trichlorophenol	1.8	U	ug/L	1.8	9.6	1.0
Surrogate	Acceptance Limits					
2-Fluorobiphenyl	83		%		36 - 124	
2-Fluorophenol	61		%		29 - 121	
Nitrobenzene-d5	80		%		34 - 130	
Phenol-d6 (Surr)	54		%		25 - 128	
Terphenyl-d14	68		%		14 - 148	
2,4,6-Tribromophenol	80		%		29 - 143	

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Job Number: 660-40034-1

Client Sample ID: BLANK, EQUIPMENT
Lab Sample ID: 660-40034-7

Date Sampled: 03/03/2011 0955
Date Received: 03/03/2011 1650
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Method: 8270C			Date Analyzed:		03/08/2011 1526	
Prep Method: 3520C			Date Prepared:		03/04/2011 1301	
Acetophenone	1.4	U	ug/L	1.4	9.6	1.0
2-Acetylaminofluorene	0.74	U	ug/L	0.74	9.6	1.0
4-Aminobiphenyl	0.78	U	ug/L	0.78	9.6	1.0
Diallate	1.3	U	ug/L	1.3	9.6	1.0
2,6-Dichlorophenol	1.5	U	ug/L	1.5	9.6	1.0
7,12-Dimethylbenz(a)anthracene	0.88	U	ug/L	0.88	9.6	1.0
3,3'-Dimethylbenzidine	13	U	ug/L	13	19	1.0
Ethyl methanesulfonate	1.2	U	ug/L	1.2	9.6	1.0
Hexachloropropene	0.63	U	ug/L	0.63	9.6	1.0
Isosafrole	1.5	U	ug/L	1.5	9.6	1.0
Kepone	36	U	ug/L	36	48	1.0
Methapyrilene	1.1	U	ug/L	1.1	1900	1.0
3-Methylcholanthrene	0.54	U	ug/L	0.54	9.6	1.0
Methyl methanesulfonate	1.2	U	ug/L	1.2	9.6	1.0
1,4-Naphthoquinone	1.1	U	ug/L	1.1	9.6	1.0
1-Naphthylamine	0.81	U	ug/L	0.81	9.6	1.0
2-Naphthylamine	0.96	U	ug/L	0.96	9.6	1.0
N-Nitro-o-toluidine	0.87	U	ug/L	0.87	9.6	1.0
N-Nitrosodiethylamine	1.4	U	ug/L	1.4	9.6	1.0
N-Nitrosodi-n-butylamine	1.4	U	ug/L	1.4	9.6	1.0
N-Nitrosomethylethylamine	1.5	U	ug/L	1.5	9.6	1.0
N-Nitrosopiperidine	0.84	U	ug/L	0.84	9.6	1.0
N-Nitrosopyrrolidine	1.2	U	ug/L	1.2	9.6	1.0
o,o',o''-Triethylphosphorothioate	1.7	U	ug/L	1.7	9.6	1.0
p-Dimethylamino azobenzene	0.64	U	ug/L	0.64	9.6	1.0
Pentachlorobenzene	0.95	U	ug/L	0.95	9.6	1.0
Pentachloronitrobenzene	1.4	U	ug/L	1.4	9.6	1.0
Phenacetin	0.81	U	ug/L	0.81	9.6	1.0
p-Phenylene diamine	3.0	U	ug/L	3.0	1900	1.0
Pronamide	0.67	U	ug/L	0.67	9.6	1.0
Safrole, Total	1.2	U	ug/L	1.2	9.6	1.0
1,2,4,5-Tetrachlorobenzene	1.1	U	ug/L	1.1	9.6	1.0
2-Toluidine	1.2	U	ug/L	1.2	9.6	1.0
1,3,5-Trinitrobenzene	0.59	U	ug/L	0.59	9.6	1.0
Method: Total Recoverable-6010B			Date Analyzed:		03/09/2011 1532	
Prep Method: 3005A			Date Prepared:		03/09/2011 0923	
Arsenic	4.0	U	ug/L	4.0	10	1.0
Cadmium	1.0	U	ug/L	1.0	4.0	1.0
Chromium	2.0	U	ug/L	2.0	10	1.0

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Job Number: 660-40034-1

Client Sample ID: BLANK, EQUIPMENT
Lab Sample ID: 660-40034-7

Date Sampled: 03/03/2011 0955
Date Received: 03/03/2011 1650
Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
Iron	50 U	ug/L	50	200	1.0
Lead	2.0 U	ug/L	2.0	10	1.0
Sodium	0.31 U	mg/L	0.31	0.50	1.0
Method: 300.0					
Chloride	0.20 U	mg/L	0.20	0.50	1.0
Method: 350.1					
Ammonia as N	0.021	mg/L	0.010	0.020	1.0

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Job Number: 660-40034-1

Client Sample ID: BLANK, EQUIPMENT
Lab Sample ID: 660-40034-7

Date Sampled: 03/03/2011 0955
Date Received: 03/03/2011 1650
Client Matrix: Water

Analyte	Result/Qualifier	Unit	PQL	PQL	Dilution
Method: SM 2540C					
Total Dissolved Solids	5.0 U	mg/L	5.0	5.0	1.0

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Job Number: 660-40034-1

Client Sample ID: TH-57 WACS# 1570
Lab Sample ID: 660-40034-8

Date Sampled: 03/03/2011 1525
Date Received: 03/03/2011 1650
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Method: Total Recoverable-6010B			Date Analyzed: 03/09/2011 1535			
Prep Method: 3005A			Date Prepared: 03/09/2011 0923			
Arsenic	4.0	U	ug/L	4.0	10	1.0
Cadmium	1.0	U	ug/L	1.0	4.0	1.0
Chromium	2.0	U	ug/L	2.0	10	1.0
Iron	480		ug/L	50	200	1.0
Lead	2.0	U	ug/L	2.0	10	1.0
Sodium	13		mg/L	0.31	0.50	1.0
Method: 300.0			Date Analyzed: 03/07/2011 1659			
Chloride	39		mg/L	0.20	0.50	1.0
Method: 350.1			Date Analyzed: 03/07/2011 1429			
Ammonia as N	0.88		mg/L	0.010	0.020	1.0

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Job Number: 660-40034-1

Client Sample ID: TH-57 WACS# 1570
Lab Sample ID: 660-40034-8

Date Sampled: 03/03/2011 1525
Date Received: 03/03/2011 1650
Client Matrix: Water

Analyte	Result/Qualifier	Unit	NONE	NONE	Dilution
Method: Field Sampling		Date Analyzed:	03/03/2011 1525		
Field pH	5.16	SU			1.0
Field Temperature	25.8	Degrees C			1.0
Oxygen, Dissolved	0.24	mg/L			1.0
Specific Conductance	198	umhos/cm			1.0
Turbidity	0.60	NTU			1.0

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Job Number: 660-40034-1

Client Sample ID: TH-57 WACS# 1570
Lab Sample ID: 660-40034-8

Date Sampled: 03/03/2011 1525
Date Received: 03/03/2011 1650
Client Matrix: Water

Analyte	Result/Qualifier	Unit	PQL	PQL	Dilution
Date Analyzed: 03/08/2011 1406					
Method: SM 2540C Total Dissolved Solids	110	mg/L	5.0	5.0	1.0

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Job Number: 660-40034-1

Client Sample ID: TH-72 WACS# 27753
Lab Sample ID: 660-40034-9

Date Sampled: 03/03/2011 1509
Date Received: 03/03/2011 1650
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Method: Total Recoverable-6010B			Date Analyzed: 03/09/2011 1538			
Prep Method: 3005A			Date Prepared: 03/09/2011 0923			
Arsenic	4.0	U	ug/L	4.0	10	1.0
Cadmium	1.0	U	ug/L	1.0	4.0	1.0
Chromium	2.0	U	ug/L	2.0	10	1.0
Iron	430		ug/L	50	200	1.0
Lead	2.0	U	ug/L	2.0	10	1.0
Sodium	32		mg/L	0.31	0.50	1.0
Method: 300.0			Date Analyzed: 03/07/2011 1726			
Chloride	31		mg/L	0.20	0.50	1.0
Method: 350.1			Date Analyzed: 03/07/2011 1430			
Ammonia as N	0.23		mg/L	0.010	0.020	1.0

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Job Number: 660-40034-1

Client Sample ID: TH-72 WACS# 27753
Lab Sample ID: 660-40034-9

Date Sampled: 03/03/2011 1509
Date Received: 03/03/2011 1650
Client Matrix: Water

Analyte	Result/Qualifier	Unit	NONE	NONE	Dilution
Method: Field Sampling		Date Analyzed: 03/03/2011 1509			
Field pH	7.35	SU			1.0
Field Temperature	22.8	Degrees C			1.0
Oxygen, Dissolved	0.77	mg/L			1.0
Specific Conductance	579	umhos/cm			1.0
Turbidity	0.80	NTU			1.0

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Job Number: 660-40034-1

Client Sample ID: TH-72 WACS# 27753
Lab Sample ID: 660-40034-9

Date Sampled: 03/03/2011 1509
Date Received: 03/03/2011 1650
Client Matrix: Water

Analyte	Result/Qualifier	Unit	PQL	PQL	Dilution
Method: SM 2540C					
Total Dissolved Solids	330	mg/L	5.0	5.0	1.0

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Job Number: 660-40034-1

Client Sample ID: TH-19 WACS# 821
Lab Sample ID: 660-40034-10

Date Sampled: 03/03/2011 1047
Date Received: 03/03/2011 1650
Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
Method: Total Recoverable-6010B			Date Analyzed: 03/09/2011 1542		
Prep Method: 3005A			Date Prepared: 03/09/2011 0923		
Arsenic	4.0 U	ug/L	4.0	10	1.0
Cadmium	1.0 U	ug/L	1.0	4.0	1.0
Chromium	2.0 U	ug/L	2.0	10	1.0
Iron	50 U	ug/L	50	200	1.0
Lead	2.0 U	ug/L	2.0	10	1.0
Sodium	14	mg/L	0.31	0.50	1.0
Method: 300.0			Date Analyzed: 03/07/2011 1752		
Chloride	8.3	mg/L	0.20	0.50	1.0
Method: 350.1			Date Analyzed: 03/07/2011 1431		
Ammonia as N	0.20	mg/L	0.010	0.020	1.0

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Job Number: 660-40034-1

Client Sample ID: TH-19 WACS# 821
Lab Sample ID: 660-40034-10

Date Sampled: 03/03/2011 1047
Date Received: 03/03/2011 1650
Client Matrix: Water

Analyte	Result/Qualifier	Unit	NONE	NONE	Dilution
Method: Field Sampling		Date Analyzed:	03/03/2011 1047		
Field pH	7.48	SU			1.0
Field Temperature	23.4	Degrees C			1.0
Oxygen, Dissolved	0.35	mg/L			1.0
Specific Conductance	419	umhos/cm			1.0
Turbidity	0.10	NTU			1.0

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Job Number: 660-40034-1

Client Sample ID: TH-19 WACS# 821
Lab Sample ID: 660-40034-10

Date Sampled: 03/03/2011 1047
Date Received: 03/03/2011 1650
Client Matrix: Water

Analyte	Result/Qualifier	Unit	PQL	PQL	Dilution
Method: SM 2540C			Date Analyzed:	03/08/2011 1407	
Total Dissolved Solids	240	mg/L	5.0	5.0	1.0

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Job Number: 660-40034-1

Client Sample ID: TH-28A WACS# 19862
Lab Sample ID: 660-40034-11

Date Sampled: 03/03/2011 1428
Date Received: 03/03/2011 1650
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Method: Total Recoverable-6010B			Date Analyzed:	03/09/2011 1545		
Prep Method: 3005A			Date Prepared:	03/09/2011 0923		
Arsenic	4.0	U	ug/L	4.0	10	1.0
Cadmium	1.0	U	ug/L	1.0	4.0	1.0
Chromium	3.3	I	ug/L	2.0	10	1.0
Iron	2700		ug/L	50	200	1.0
Lead	2.0	U	ug/L	2.0	10	1.0
Sodium	18		mg/L	0.31	0.50	1.0
Method: 300.0			Date Analyzed:	03/07/2011 1819		
Chloride	43		mg/L	0.20	0.50	1.0
Method: 350.1			Date Analyzed:	03/07/2011 1433		
Ammonia as N	1.1		mg/L	0.010	0.020	1.0

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Job Number: 660-40034-1

Client Sample ID: TH-28A WACS# 19862
Lab Sample ID: 660-40034-11

Date Sampled: 03/03/2011 1428
Date Received: 03/03/2011 1650
Client Matrix: Water

Analyte	Result/Qualifier	Unit	NONE	NONE	Dilution
Method: Field Sampling		Date Analyzed: 03/03/2011 1428			
Field pH	5.18	SU			1.0
Field Temperature	26.0	Degrees C			1.0
Oxygen, Dissolved	0.51	mg/L			1.0
Specific Conductance	229	umhos/cm			1.0
Turbidity	13.2	NTU			1.0

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Job Number: 660-40034-1

Client Sample ID: TH-28A WACS# 19862
Lab Sample ID: 660-40034-11

Date Sampled: 03/03/2011 1428
Date Received: 03/03/2011 1650
Client Matrix: Water

Analyte	Result/Qualifier	Unit	PQL	PQL	Dilution
Method: SM 2540C					
Total Dissolved Solids	140	mg/L	5.0	5.0	1.0

Date Analyzed: 03/08/2011 1408

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Job Number: 660-40034-1

Client Sample ID: TH-40 WACS# 822
Lab Sample ID: 660-40034-12

Date Sampled: 03/03/2011 1021
Date Received: 03/03/2011 1650
Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
Method: Total Recoverable-6010B			Date Analyzed: 03/09/2011 1548		
Prep Method: 3005A			Date Prepared: 03/09/2011 0923		
Arsenic	4.0 U	ug/L	4.0	10	1.0
Cadmium	1.0 U	ug/L	1.0	4.0	1.0
Chromium	2.0 U	ug/L	2.0	10	1.0
Iron	50 U	ug/L	50	200	1.0
Lead	2.0 U	ug/L	2.0	10	1.0
Sodium	16	mg/L	0.31	0.50	1.0
Method: 300.0			Date Analyzed: 03/07/2011 2032		
Chloride	8.4	mg/L	0.20	0.50	1.0
Method: 350.1			Date Analyzed: 03/07/2011 1434		
Ammonia as N	0.27	mg/L	0.010	0.020	1.0

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Job Number: 660-40034-1

Client Sample ID: TH-40 WACS# 822
Lab Sample ID: 660-40034-12

Date Sampled: 03/03/2011 1021
Date Received: 03/03/2011 1650
Client Matrix: Water

Analyte	Result/Qualifier	Unit	NONE	NONE	Dilution
Method: Field Sampling		Date Analyzed: 03/03/2011 1021			
Field pH	7.71	SU			1.0
Field Temperature	23.4	Degrees C			1.0
Oxygen, Dissolved	0.34	mg/L			1.0
Specific Conductance	378	umhos/cm			1.0
Turbidity	0.10	NTU			1.0

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Job Number: 660-40034-1

Client Sample ID: TH-40 WACS# 822
Lab Sample ID: 660-40034-12

Date Sampled: 03/03/2011 1021
Date Received: 03/03/2011 1650
Client Matrix: Water

Analyte	Result/Qualifier	Unit	PQL	PQL	Dilution
Method: SM 2540C					
Total Dissolved Solids	230	mg/L	5.0	5.0	1.0

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Job Number: 660-40034-1

Client Sample ID: TH-42 WACS# 823
Lab Sample ID: 660-40034-13

Date Sampled: 03/03/2011 1146
Date Received: 03/03/2011 1650
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Method: Total Recoverable-6010B			Date Analyzed:		03/09/2011 1552	
Prep Method: 3005A			Date Prepared:		03/09/2011 0923	
Arsenic	4.0	U	ug/L	4.0	10	1.0
Cadmium	1.0	U	ug/L	1.0	4.0	1.0
Chromium	9.7	I	ug/L	2.0	10	1.0
Iron	1200		ug/L	50	200	1.0
Lead	14		ug/L	2.0	10	1.0
Sodium	16		mg/L	0.31	0.50	1.0
Vanadium	8.5	I	ug/L	2.5	10	1.0
Method: Dissolved-6010B			Date Analyzed:		03/09/2011 1555	
Prep Method: 3005A			Date Prepared:		03/09/2011 0923	
Arsenic	4.0	U	ug/L	4.0	10	1.0
Cadmium	1.0	U	ug/L	1.0	4.0	1.0
Chromium	2.0	U	ug/L	2.0	10	1.0
Iron	50	U	ug/L	50	200	1.0
Lead	2.0	U	ug/L	2.0	10	1.0
Sodium	16		mg/L	0.31	0.50	1.0
Vanadium	2.5	U	ug/L	2.5	10	1.0
Method: 300.0			Date Analyzed:		03/07/2011 2059	
Chloride	17		mg/L	0.20	0.50	1.0
Method: 350.1			Date Analyzed:		03/07/2011 1435	
Ammonia as N	0.17		mg/L	0.010	0.020	1.0

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Job Number: 660-40034-1

Client Sample ID: TH-42 WACS# 823
Lab Sample ID: 660-40034-13

Date Sampled: 03/03/2011 1146
Date Received: 03/03/2011 1650
Client Matrix: Water

Analyte	Result/Qualifier	Unit	NONE	NONE	Dilution
Method: Field Sampling					
Field pH	7.33	SU			1.0
Field Temperature	23.7	Degrees C			1.0
Oxygen, Dissolved	0.25	mg/L			1.0
Specific Conductance	527	umhos/cm			1.0
Turbidity	40.8	NTU			1.0

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Job Number: 660-40034-1

Client Sample ID: TH-42 WACS# 823
Lab Sample ID: 660-40034-13

Date Sampled: 03/03/2011 1146
Date Received: 03/03/2011 1650
Client Matrix: Water

Analyte	Result/Qualifier	Unit	PQL	PQL	Dilution
Method: SM 2540C					
Total Dissolved Solids	310	mg/L	5.0	5.0	1.0

Date Analyzed: 03/08/2011 1409

Mr. David S Adams
Hillsborough County
Solid Waste Management Department
601 East Kennedy Blvd
24th Floor County Center
Tampa, FL 33601

Job Number: 660-40034-1

Client Sample ID: BLANK, TRAVEL
Lab Sample ID: 660-40034-14

Date Sampled: 03/03/2011 0953
Date Received: 03/03/2011 1650
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Method: 8260B			Date Analyzed:		03/07/2011 1035	
Prep Method: 5030B			Date Prepared:		03/07/2011 1035	
Acetone	9.9	U J3	ug/L	9.9	20	1.0
Acetonitrile	20	U	ug/L	20	20	1.0
Acrolein	3.8	U J3	ug/L	3.8	5.0	1.0
Acrylonitrile	1.2	U	ug/L	1.2	10	1.0
Allyl chloride	2.5	U	ug/L	2.5	5.0	1.0
Benzene	0.50	U	ug/L	0.50	1.0	1.0
Bromodichloromethane	0.35	U	ug/L	0.35	1.0	1.0
Bromoform	0.58	U	ug/L	0.58	1.0	1.0
Bromomethane	2.5	U	ug/L	2.5	5.0	1.0
2-Butanone (MEK)	8.4	U	ug/L	8.4	10	1.0
Carbon disulfide	1.0	U	ug/L	1.0	2.0	1.0
Carbon tetrachloride	0.42	U	ug/L	0.42	1.0	1.0
Chlorobenzene	0.63	U	ug/L	0.63	1.0	1.0
Chlorobromomethane	0.58	U	ug/L	0.58	1.0	1.0
Chlorodibromomethane	0.34	U	ug/L	0.34	1.0	1.0
Chloroethane	2.5	U	ug/L	2.5	5.0	1.0
Chloroform	0.90	U	ug/L	0.90	1.0	1.0
Chloromethane	1.0	U	ug/L	1.0	4.0	1.0
Chloroprene	2.5	U	ug/L	2.5	5.0	1.0
cis-1,2-Dichloroethene	0.65	U	ug/L	0.65	1.0	1.0
cis-1,3-Dichloropropene	0.14	U	ug/L	0.14	1.0	1.0
Dibromomethane	0.41	U	ug/L	0.41	1.0	1.0
Dichlorodifluoromethane	2.5	U	ug/L	2.5	5.0	1.0
1,1-Dichloroethane	0.52	U	ug/L	0.52	1.0	1.0
1,2-Dichloroethane	0.57	U	ug/L	0.57	1.0	1.0
1,1-Dichloroethene	0.45	U	ug/L	0.45	1.0	1.0
1,2-Dichloropropane	0.52	U	ug/L	0.52	1.0	1.0
1,3-Dichloropropane	0.39	U	ug/L	0.39	1.0	1.0
2,2-Dichloropropane	0.36	U	ug/L	0.36	1.0	1.0
1,1-Dichloropropene	0.31	U	ug/L	0.31	1.0	1.0
Ethylbenzene	0.44	U	ug/L	0.44	1.0	1.0
Ethyl methacrylate	2.5	U	ug/L	2.5	5.0	1.0
2-Hexanone	4.4	U	ug/L	4.4	10	1.0
Iodomethane	2.5	U	ug/L	2.5	5.0	1.0
Isobutyl alcohol	31	U	ug/L	31	200	1.0
Methacrylonitrile	1.8	U	ug/L	1.8	100	1.0
Methylene Chloride	4.0	U	ug/L	4.0	5.0	1.0
Methyl methacrylate	2.5	U	ug/L	2.5	5.0	1.0
4-Methyl-2-pentanone (MIBK)	3.8	U	ug/L	3.8	10	1.0

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Job Number: 660-40034-1

Client Sample ID: BLANK, TRAVEL
Lab Sample ID: 660-40034-14

Date Sampled: 03/03/2011 0953
Date Received: 03/03/2011 1650
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Propionitrile	7.2	U	ug/L	7.2	100	1.0
Styrene	0.98	U	ug/L	0.98	2.0	1.0
1,1,1,2-Tetrachloroethane	0.63	U	ug/L	0.63	1.0	1.0
1,1,2,2-Tetrachloroethane	0.15	U	ug/L	0.15	1.0	1.0
Tetrachloroethene	0.50	U	ug/L	0.50	1.0	1.0
Toluene	0.51	U	ug/L	0.51	1.0	1.0
trans-1,4-Dichloro-2-butene	2.5	U	ug/L	2.5	10	1.0
trans-1,2-Dichloroethene	0.44	U	ug/L	0.44	1.0	1.0
trans-1,3-Dichloropropene	0.14	U	ug/L	0.14	1.0	1.0
1,1,1-Trichloroethane	0.46	U	ug/L	0.46	1.0	1.0
1,1,2-Trichloroethane	0.47	U	ug/L	0.47	1.0	1.0
Trichloroethene	0.50	U	ug/L	0.50	1.0	1.0
Trichlorofluoromethane	2.5	U	ug/L	2.5	5.0	1.0
1,2,3-Trichloropropane	0.18	U	ug/L	0.18	1.0	1.0
Vinyl acetate	1.5	U	ug/L	1.5	10	1.0
Vinyl chloride	0.50	U	ug/L	0.50	1.0	1.0
Xylenes, Total	0.50	U	ug/L	0.50	3.0	1.0
Surrogate	Acceptance Limits					
4-Bromofluorobenzene	100		%		70 - 130	
Dibromofluoromethane	100		%		70 - 130	
Toluene-d8 (Surr)	100		%		70 - 130	

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Job Number: 660-40034-1

Client Sample ID: SUP 1 WACS# 27755
Lab Sample ID: 660-40052-1

Date Sampled: 03/04/2011 1135
Date Received: 03/04/2011 1543
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Method: Total Recoverable-6010B			Date Analyzed: 03/09/2011 0837			
Prep Method: 3005A			Date Prepared: 03/08/2011 0853			
Arsenic	4.0	U	ug/L	4.0	10	1.0
Cadmium	1.0	U	ug/L	1.0	4.0	1.0
Chromium	2.0	U	ug/L	2.0	10	1.0
Iron	50	U	ug/L	50	200	1.0
Lead	2.5	I	ug/L	2.0	10	1.0
Sodium	8.6		mg/L	0.31	0.50	1.0
Method: 300.0			Date Analyzed: 03/07/2011 1353			
Chloride	9.9		mg/L	0.20	0.50	1.0
Method: 350.1			Date Analyzed: 03/07/2011 1412			
Ammonia as N	0.13		mg/L	0.010	0.020	1.0

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Job Number: 660-40034-1

Client Sample ID: SUP 1 WACS# 27755
Lab Sample ID: 660-40052-1

Date Sampled: 03/04/2011 1135
Date Received: 03/04/2011 1543
Client Matrix: Water

Analyte	Result/Qualifier	Unit	NONE	NONE	Dilution
Method: Field Sampling		Date Analyzed:	03/04/2011 1135		
Field pH	7.68	SU			1.0
Field Temperature	24.48	Degrees C			1.0
Oxygen, Dissolved	0.08	mg/L			1.0
Specific Conductance	370	umhos/cm			1.0
Turbidity	0.3	NTU			1.0

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Job Number: 660-40034-1

Client Sample ID: SUP 1 WACS# 27755
Lab Sample ID: 660-40052-1

Date Sampled: 03/04/2011 1135
Date Received: 03/04/2011 1543
Client Matrix: Water

Analyte	Result/Qualifier	Unit	PQL	PQL	Dilution
Method: SM 2540C					
Total Dissolved Solids	190	mg/L	5.0	5.0	1.0

Date Analyzed: 03/09/2011 1154

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Job Number: 660-40034-1

Client Sample ID: SUP 2 WACS# 27756
Lab Sample ID: 660-40052-2

Date Sampled: 03/04/2011 1109
Date Received: 03/04/2011 1543
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Method: Total Recoverable-6010B			Date Analyzed:	03/09/2011 0849		
Prep Method: 3005A			Date Prepared:	03/08/2011 0853		
Arsenic	4.0	U	ug/L	4.0	10	1.0
Cadmium	1.0	U	ug/L	1.0	4.0	1.0
Chromium	2.0	U	ug/L	2.0	10	1.0
Iron	50	U	ug/L	50	200	1.0
Lead	2.0	U	ug/L	2.0	10	1.0
Sodium	8.6		mg/L	0.31	0.50	1.0
Method: 300.0			Date Analyzed:	03/07/2011 1405		
Chloride	11		mg/L	0.20	0.50	1.0
Method: 350.1			Date Analyzed:	03/07/2011 1414		
Ammonia as N	0.13		mg/L	0.010	0.020	1.0

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Job Number: 660-40034-1

Client Sample ID: SUP 2 WACS# 27756
Lab Sample ID: 660-40052-2

Date Sampled: 03/04/2011 1109
Date Received: 03/04/2011 1543
Client Matrix: Water

Analyte	Result/Qualifier	Unit	NONE	NONE	Dilution
Method: Field Sampling		Date Analyzed:	03/04/2011 1109		
Field pH	7.72	SU			1.0
Field Temperature	24.66	Degrees C			1.0
Oxygen, Dissolved	0.43	mg/L			1.0
Specific Conductance	379	umhos/cm			1.0
Turbidity	0.8	NTU			1.0

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601 East Kennedy Blvd
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Job Number: 660-40034-1

Client Sample ID: SUP 2 WACS# 27756
Lab Sample ID: 660-40052-2

Date Sampled: 03/04/2011 1109
Date Received: 03/04/2011 1543
Client Matrix: Water

Analyte	Result/Qualifier	Unit	PQL	PQL	Dilution
Method: SM 2540C					
Total Dissolved Solids	210	mg/L	5.0	5.0	1.0

DATA REPORTING QUALIFIERS

Client: Hillsborough County

Job Number: 660-40034-1

Lab Section	Qualifier	Description
GC/MS VOA		
	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.
GC/MS Semi VOA		
	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.
Metals		
	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.
	L	Off-scale high. Actual value is known to be greater than the value given.

Morris, John R.

From: Adams, David [AdamsDS@HillsboroughCounty.ORG]
Sent: Thursday, March 24, 2011 2:20 PM
To: Morris, John R.
Subject: FW: Files from 660-39904-1 Southeast Landfill - 2/24
Attachments: J39904-1 FI_L2_SmpSort Final Report.pdf

EVENT #10

heres 2/24

From: Robertson, Nancy [<mailto:nancy.robertson@testamericainc.com>]
Sent: Wednesday, March 16, 2011 2:41 PM
To: Adams, David; Clayton, James; Townsel, Michael
Subject: Files from 660-39904-1 Southeast Landfill

NANCY ROBERTSON

TestAmerica Tampa
THE LEADER IN ENVIRONMENTAL TESTING

Tel: 813.885.7427
www.testamericainc.com

Reference: [059116]
Attachments: 1

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ANALYTICAL REPORT

Job Number: 660-39904-1

Job Description: Southeast Landfill

For:
Hillsborough County
Solid Waste Management Department
601 East Kennedy Blvd
24th Floor County Center
Tampa, FL 33601
Attention: Mr. David S Adams



Approved for release.
Nancy Robertson
Project Manager II
3/16/2011 2:38 PM

Nancy Robertson
Project Manager II
nancy.robertson@testamericainc.com
03/16/2011

cc: Mr. Jim Clayton
Mr. Michael Townsel

Methods: FDEP, DOH Certification #: TestAmerica Tampa E84282

These test results meet all the requirements of NELAC unless specified in the case narrative. All questions regarding this test report should be directed to the TestAmerica Project Manager who signed this test report. The estimated uncertainty associated with these reported results is available upon request. The results contained in this test report relate only to these samples included herein.

TestAmerica Laboratories, Inc.

TestAmerica Tampa 6712 Benjamin Road, Suite 100, Tampa, FL 33634
Tel (813) 885-7427 Fax (813) 885-7049 www.testamericainc.com



Job Narrative
660-39904-1

Comments

No additional comments.

Receipt

All samples were received in good condition within temperature requirements.

GC/MS VOA

Method 8260B: The matrix spike (MS) recoveries for batch 106935 were outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria.

No other analytical or quality issues were noted.

GC/MS Semi VOA

Method 8270C: The matrix spike (MS) recoveries for batch 107156 were outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria. The sample is flagged with J3.

No other analytical or quality issues were noted.

Metals

Method 6010B: Samples TH-42 had a positive result for lead. The sample had high field turbidity and sediment at the bottom of the metals bottle received in the laboratory. Due to this fact, re analysis was not performed. We can conclude that the sediment attributed to the sample result.

No analytical or quality issues were noted.

General Chemistry

Method 300.0: The matrix spike (MS) recovery for batch 107097 was outside control limits for chloride. The MS/MSD was reported over the calibration curve. The associated laboratory control sample (LCS) recovery met acceptance criteria. The sample is flagged with J3.

No other analytical or quality issues were noted.

EXECUTIVE SUMMARY - Detections

Client: Hillsborough County

Job Number: 660-39904-1

Lab Sample ID Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
660-39904-1 TH-28A WACS# 19862					
Field pH		5.32		SU	Field Sampling
Field Temperature		26.10		Degrees C	Field Sampling
Oxygen, Dissolved		0.60		mg/L	Field Sampling
Specific Conductance		199		umhos/cm	Field Sampling
Turbidity		4.5		NTU	Field Sampling
Chloride		45	J3 0.50	mg/L	300.0
Ammonia as N		1.2	0.020	mg/L	350.1
Total Dissolved Solids		130	5.0	mg/L	SM 2540C
Total Recoverable					
Iron		2500	200	ug/L	6010B
Sodium		17	0.50	mg/L	6010B
660-39904-2 TH-30 WACS# 1065					
Field pH		4.81		SU	Field Sampling
Field Temperature		23.82		Degrees C	Field Sampling
Oxygen, Dissolved		0.18		mg/L	Field Sampling
Specific Conductance		208		umhos/cm	Field Sampling
Turbidity		3.1		NTU	Field Sampling
Chloride		57	1.0	mg/L	300.0
Ammonia as N		1.3	0.020	mg/L	350.1
Total Dissolved Solids		160	5.0	mg/L	SM 2540C
Total Recoverable					
Iron		190	I 200	ug/L	6010B
Sodium		20	0.50	mg/L	6010B
660-39904-3 TH-40 WACS# 822					
Field pH		7.65		SU	Field Sampling
Field Temperature		23.40		Degrees C	Field Sampling
Oxygen, Dissolved		0.46		mg/L	Field Sampling
Specific Conductance		345		umhos/cm	Field Sampling
Turbidity		0.3		NTU	Field Sampling
Chloride		8.2	0.50	mg/L	300.0
Ammonia as N		0.26	0.020	mg/L	350.1
Total Dissolved Solids		230	5.0	mg/L	SM 2540C
Total Recoverable					
Lead		2.2	I 10	ug/L	6010B
Sodium		16	0.50	mg/L	6010B

EXECUTIVE SUMMARY - Detections

Client: Hillsborough County

Job Number: 660-39904-1

Lab Sample ID Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
660-39904-4	TH-57 WACS# 1570				
Field pH		5.34		SU	Field Sampling
Field Temperature		25.97		Degrees C	Field Sampling
Oxygen, Dissolved		0.16		mg/L	Field Sampling
Specific Conductance		164		umhos/cm	Field Sampling
Turbidity		0.2		NTU	Field Sampling
Chloride		34	0.50	mg/L	300.0
Ammonia as N		0.92	0.020	mg/L	350.1
Total Dissolved Solids		110	5.0	mg/L	SM 2540C
Total Recoverable					
Iron		350	200	ug/L	6010B
Sodium		11	0.50	mg/L	6010B
660-39904-5	TH-58 WACS# 1571				
Field pH		5.79		SU	Field Sampling
Field Temperature		25.76		Degrees C	Field Sampling
Oxygen, Dissolved		0.59		mg/L	Field Sampling
Specific Conductance		692		umhos/cm	Field Sampling
Turbidity		0.5		NTU	Field Sampling
Chloride		92	5.0	mg/L	300.0
Ammonia as N		0.95	0.020	mg/L	350.1
Total Dissolved Solids		380	5.0	mg/L	SM 2540C
Total Recoverable					
Arsenic		25	10	ug/L	6010B
Iron		4000	200	ug/L	6010B
Sodium		21	0.50	mg/L	6010B
660-39904-6	TH-72 WACS# 27753				
Field pH		7.34		SU	Field Sampling
Field Temperature		22.85		Degrees C	Field Sampling
Oxygen, Dissolved		0.19		mg/L	Field Sampling
Specific Conductance		513		umhos/cm	Field Sampling
Turbidity		1.0		NTU	Field Sampling
Chloride		32	0.50	mg/L	300.0
Ammonia as N		0.22	0.020	mg/L	350.1
Total Dissolved Solids		350	5.0	mg/L	SM 2540C
Total Recoverable					
Iron		530	200	ug/L	6010B
Lead		2.4	10	ug/L	6010B
Sodium		31	0.50	mg/L	6010B

EXECUTIVE SUMMARY - Detections

Client: Hillsborough County

Job Number: 660-39904-1

Lab Sample ID	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
660-39904-7	TH-73 WACS# 27754				
Field pH		5.62		SU	Field Sampling
Field Temperature		26.15		Degrees C	Field Sampling
Oxygen, Dissolved		0.38		mg/L	Field Sampling
Specific Conductance		340		umhos/cm	Field Sampling
Turbidity		16.4		NTU	Field Sampling
Chloride		61	1.0	mg/L	300.0
Ammonia as N		3.0	0.020	mg/L	350.1
Total Dissolved Solids		170	5.0	mg/L	SM 2540C
Total Recoverable					
Chromium		9.7 I	10	ug/L	6010B
Iron		17000	200	ug/L	6010B
Lead		2.9 I	10	ug/L	6010B
Sodium		28	0.50	mg/L	6010B
660-39904-8	DUPLICATE				
Chloride		57	1.0	mg/L	300.0
Ammonia as N		1.3	0.020	mg/L	350.1
Total Dissolved Solids		160	5.0	mg/L	SM 2540C
Total Recoverable					
Iron		190 I	200	ug/L	6010B
Sodium		20	0.50	mg/L	6010B
660-39916-1	TH-42 WACS#823				
Field pH		7.29		SU	Field Sampling
Field Temperature		23.66		Degrees C	Field Sampling
Oxygen, Dissolved		2.26		mg/L	Field Sampling
Specific Conductance		541		umhos/cm	Field Sampling
Turbidity		41.1		NTU	Field Sampling
Chloride		18	0.50	mg/L	300.0
Ammonia as N		0.19	0.020	mg/L	350.1
Total Dissolved Solids		320	5.0	mg/L	SM 2540C
Total Recoverable					
Chromium		9.3 I	10	ug/L	6010B
Iron		1200	200	ug/L	6010B
Lead		19	10	ug/L	6010B
Sodium		15	0.50	mg/L	6010B

EXECUTIVE SUMMARY - Detections

Client: Hillsborough County

Job Number: 660-39904-1

Lab Sample ID Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
660-39916-2	TH-19 WACS# 821				
Field pH		7.45		SU	Field Sampling
Field Temperature		23.37		Degrees C	Field Sampling
Oxygen, Dissolved		0.82		mg/L	Field Sampling
Specific Conductance		432		umhos/cm	Field Sampling
Turbidity		0.6		NTU	Field Sampling
Chloride		8.3	0.50	mg/L	300.0
Ammonia as N		0.21	0.020	mg/L	350.1
Total Dissolved Solids		250	5.0	mg/L	SM 2540C
Total Recoverable					
Sodium		14	0.50	mg/L	6010B
660-39916-3	SUP 1 WACS# 27755				
Field pH		7.66		SU	Field Sampling
Field Temperature		24.48		Degrees C	Field Sampling
Oxygen, Dissolved		0.05		mg/L	Field Sampling
Specific Conductance		373		umhos/cm	Field Sampling
Turbidity		0.1		NTU	Field Sampling
Chloride		9.9	0.50	mg/L	300.0
Ammonia as N		0.096	0.020	mg/L	350.1
Total Dissolved Solids		220	5.0	mg/L	SM 2540C
Total Recoverable					
Lead		25	10	ug/L	6010B
Sodium		8.7	0.50	mg/L	6010B
660-39916-4	SUP 2 WACS# 27756				
Field pH		7.69		SU	Field Sampling
Field Temperature		24.45		Degrees C	Field Sampling
Oxygen, Dissolved		0.07		mg/L	Field Sampling
Specific Conductance		381		umhos/cm	Field Sampling
Turbidity		0.1		NTU	Field Sampling
Chloride		11	0.50	mg/L	300.0
Ammonia as N		0.065	0.020	mg/L	350.1
Total Dissolved Solids		230	5.0	mg/L	SM 2540C
Total Recoverable					
Sodium		8.7	0.50	mg/L	6010B

METHOD SUMMARY

Client: Hillsborough County

Job Number: 660-39904-1

Description	Lab Location	Method	Preparation Method
Matrix Water			
Volatile Organic Compounds (GC/MS)	TAL TAM	SW846 8260B	
Purge and Trap	TAL TAM		SW846 5030B
Semivolatile Organic Compounds (GC/MS)	TAL TAM	SW846 8270C	
Liquid-Liquid Extraction (Continuous)	TAL TAM		SW846 3520C
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, Ammonia	TAL TAM	MCAWW 350.1	
Solids, Total Dissolved (TDS)	TAL TAM	SM SM 2540C	
Field Sampling	TAL TAM	EPA Field Sampling	

Lab References:

TAL TAM = TestAmerica Tampa

Method References:

EPA = US Environmental Protection Agency

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: Hillsborough County

Job Number: 660-39904-1

Method	Analyst	Analyst ID
SW846 8260B	Campbell, Ed	EC
SW846 8270C	Cappelluti, Alyssa	AP
SW846 6010B	Ramos, Salvador	SR
EPA Field Sampling	Sampler, Field	FS
MCAWW 300.0	Steward, Tiffany	TS
MCAWW 350.1	Office, Trey	TO
SM SM 2540C	Oonnoony, Thomas	TO

SAMPLE SUMMARY

Client: Hillsborough County

Job Number: 660-39904-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
660-39904-1	TH-28A WACS# 19862	Water	02/24/2011 1129	02/24/2011 1445
660-39904-2	TH-30 WACS# 1065	Water	02/24/2011 1256	02/24/2011 1445
660-39904-3	TH-40 WACS# 822	Water	02/24/2011 1034	02/24/2011 1445
660-39904-4	TH-57 WACS# 1570	Water	02/24/2011 1100	02/24/2011 1445
660-39904-5	TH-58 WACS# 1571	Water	02/24/2011 1223	02/24/2011 1445
660-39904-6	TH-72 WACS# 27753	Water	02/24/2011 1315	02/24/2011 1445
660-39904-7	TH-73 WACS# 27754	Water	02/24/2011 1152	02/24/2011 1445
660-39904-8	DUPLICATE	Water	02/24/2011 1023	02/24/2011 1445
660-39904-9	BLANK, EQUIPMENT	Water	02/24/2011 1025	02/24/2011 1445
660-39904-10	BLANK, TRAVEL	Water	02/24/2011 1023	02/24/2011 1445
660-39916-1	TH-42 WACS#823	Water	02/25/2011 1008	02/25/2011 1350
660-39916-2	TH-19 WACS# 821	Water	02/25/2011 1047	02/25/2011 1350
660-39916-3	Sup 1 WACS# 27755	Water	02/25/2011 1154	02/25/2011 1350
660-39916-4	Sup 2 WACS# 27756	Water	02/25/2011 1119	02/25/2011 1350

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Job Number: 660-39904-1

Client Sample ID: TH-28A WACS# 19862
Lab Sample ID: 660-39904-1

Date Sampled: 02/24/2011 1129
Date Received: 02/24/2011 1445
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Method: Total Recoverable-6010B			Date Analyzed: 03/01/2011 0841			
Prep Method: 3005A			Date Prepared: 02/25/2011 1305			
Arsenic	4.0	U	ug/L	4.0	10	1.0
Cadmium	1.0	U	ug/L	1.0	4.0	1.0
Chromium	2.0	U	ug/L	2.0	10	1.0
Iron	2500		ug/L	50	200	1.0
Lead	2.0	U	ug/L	2.0	10	1.0
Sodium	17		mg/L	0.31	0.50	1.0
Method: 300.0			Date Analyzed: 03/01/2011 1648			
Chloride	45	J3	mg/L	0.20	0.50	1.0
Method: 350.1			Date Analyzed: 02/28/2011 1447			
Ammonia as N	1.2		mg/L	0.010	0.020	1.0

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Job Number: 660-39904-1

Client Sample ID: TH-28A WACS# 19862
Lab Sample ID: 660-39904-1

Date Sampled: 02/24/2011 1129
Date Received: 02/24/2011 1445
Client Matrix: Water

Analyte	Result/Qualifier	Unit	NONE	NONE	Dilution
Method: Field Sampling		Date Analyzed:	02/24/2011 1129		
Field pH	5.32	SU			1.0
Field Temperature	26.10	Degrees C			1.0
Oxygen, Dissolved	0.60	mg/L			1.0
Specific Conductance	199	umhos/cm			1.0
Turbidity	4.5	NTU			1.0

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Job Number: 660-39904-1

Client Sample ID: TH-28A WACS# 19862
Lab Sample ID: 660-39904-1

Date Sampled: 02/24/2011 1129
Date Received: 02/24/2011 1445
Client Matrix: Water

Analyte	Result/Qualifier	Unit	PQL	PQL	Dilution
Method: SM 2540C					
Total Dissolved Solids	130	mg/L	5.0	5.0	1.0

Date Analyzed: 02/28/2011 1351

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Job Number: 660-39904-1

Client Sample ID: TH-30 WACS# 1065
Lab Sample ID: 660-39904-2

Date Sampled: 02/24/2011 1256
Date Received: 02/24/2011 1445
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Method: Total Recoverable-6010B			Date Analyzed: 03/01/2011 0853			
Prep Method: 3005A			Date Prepared: 02/25/2011 1305			
Arsenic	4.0	U	ug/L	4.0	10	1.0
Cadmium	1.0	U	ug/L	1.0	4.0	1.0
Chromium	2.0	U	ug/L	2.0	10	1.0
Iron	190	I	ug/L	50	200	1.0
Lead	2.0	U	ug/L	2.0	10	1.0
Sodium	20		mg/L	0.31	0.50	1.0
Method: 300.0			Date Analyzed: 03/02/2011 0947			
Chloride	57		mg/L	0.40	1.0	2.0
Method: 350.1			Date Analyzed: 02/28/2011 1448			
Ammonia as N	1.3		mg/L	0.010	0.020	1.0

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Job Number: 660-39904-1

Client Sample ID: TH-30 WACS# 1065
Lab Sample ID: 660-39904-2

Date Sampled: 02/24/2011 1256
Date Received: 02/24/2011 1445
Client Matrix: Water

Analyte	Result/Qualifier	Unit	NONE	NONE	Dilution
Method: Field Sampling		Date Analyzed:	02/24/2011 1256		
Field pH	4.81	SU			1.0
Field Temperature	23.82	Degrees C			1.0
Oxygen, Dissolved	0.18	mg/L			1.0
Specific Conductance	208	umhos/cm			1.0
Turbidity	3.1	NTU			1.0

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Job Number: 660-39904-1

Client Sample ID: TH-30 WACS# 1065
Lab Sample ID: 660-39904-2

Date Sampled: 02/24/2011 1256
Date Received: 02/24/2011 1445
Client Matrix: Water

Analyte	Result/Qualifier	Unit	PQL	PQL	Dilution
Method: SM 2540C					
Total Dissolved Solids	160	mg/L	5.0	5.0	1.0

Date Analyzed: 02/28/2011 1353

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Job Number: 660-39904-1

Client Sample ID: TH-40 WACS# 822
Lab Sample ID: 660-39904-3

Date Sampled: 02/24/2011 1034
Date Received: 02/24/2011 1445
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Method: Total Recoverable-6010B			Date Analyzed:		03/01/2011 0857	
Prep Method: 3005A			Date Prepared:		02/25/2011 1305	
Arsenic	4.0	U	ug/L	4.0	10	1.0
Cadmium	1.0	U	ug/L	1.0	4.0	1.0
Chromium	2.0	U	ug/L	2.0	10	1.0
Iron	50	U	ug/L	50	200	1.0
Lead	2.2	I	ug/L	2.0	10	1.0
Sodium	16		mg/L	0.31	0.50	1.0
Method: 300.0			Date Analyzed:		03/01/2011 1711	
Chloride	8.2		mg/L	0.20	0.50	1.0
Method: 350.1			Date Analyzed:		02/28/2011 1452	
Ammonia as N	0.26		mg/L	0.010	0.020	1.0

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Job Number: 660-39904-1

Client Sample ID: TH-40 WACS# 822
Lab Sample ID: 660-39904-3

Date Sampled: 02/24/2011 1034
Date Received: 02/24/2011 1445
Client Matrix: Water

Analyte	Result/Qualifier	Unit	NONE	NONE	Dilution
Method: Field Sampling		Date Analyzed:	02/24/2011 1034		
Field pH	7.65	SU			1.0
Field Temperature	23.40	Degrees C			1.0
Oxygen, Dissolved	0.46	mg/L			1.0
Specific Conductance	345	umhos/cm			1.0
Turbidity	0.3	NTU			1.0

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Job Number: 660-39904-1

Client Sample ID: TH-40 WACS# 822
Lab Sample ID: 660-39904-3

Date Sampled: 02/24/2011 1034
Date Received: 02/24/2011 1445
Client Matrix: Water

Analyte	Result/Qualifier	Unit	PQL	PQL	Dilution
Method: SM 2540C					
Total Dissolved Solids	230	mg/L	5.0	5.0	1.0

Date Analyzed: 02/28/2011 1353

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Job Number: 660-39904-1

Client Sample ID: TH-57 WACS# 1570
Lab Sample ID: 660-39904-4

Date Sampled: 02/24/2011 1100
Date Received: 02/24/2011 1445
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Method: Total Recoverable-6010B			Date Analyzed: 03/01/2011 0900			
Prep Method: 3005A			Date Prepared: 02/25/2011 1305			
Arsenic	4.0	U	ug/L	4.0	10	1.0
Cadmium	1.0	U	ug/L	1.0	4.0	1.0
Chromium	2.0	U	ug/L	2.0	10	1.0
Iron	350		ug/L	50	200	1.0
Lead	2.0	U	ug/L	2.0	10	1.0
Sodium	11		mg/L	0.31	0.50	1.0
Method: 300.0			Date Analyzed: 03/01/2011 1722			
Chloride	34		mg/L	0.20	0.50	1.0
Method: 350.1			Date Analyzed: 02/28/2011 1455			
Ammonia as N	0.92		mg/L	0.010	0.020	1.0

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Job Number: 660-39904-1

Client Sample ID: TH-57 WACS# 1570
Lab Sample ID: 660-39904-4

Date Sampled: 02/24/2011 1100
Date Received: 02/24/2011 1445
Client Matrix: Water

Analyte	Result/Qualifier	Unit	NONE	NONE	Dilution
Method: Field Sampling		Date Analyzed: 02/24/2011 1100			
Field pH	5.34	SU			1.0
Field Temperature	25.97	Degrees C			1.0
Oxygen, Dissolved	0.16	mg/L			1.0
Specific Conductance	164	umhos/cm			1.0
Turbidity	0.2	NTU			1.0

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Job Number: 660-39904-1

Client Sample ID: TH-57 WACS# 1570
Lab Sample ID: 660-39904-4

Date Sampled: 02/24/2011 1100
Date Received: 02/24/2011 1445
Client Matrix: Water

Analyte	Result/Qualifier	Unit	PQL	PQL	Dilution
Method: SM 2540C					
Total Dissolved Solids	110	mg/L	5.0	5.0	1.0

Date Analyzed: 02/28/2011 1354

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Job Number: 660-39904-1

Client Sample ID: TH-58 WACS# 1571
Lab Sample ID: 660-39904-5

Date Sampled: 02/24/2011 1223
Date Received: 02/24/2011 1445
Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
Method: Total Recoverable-6010B			Date Analyzed: 03/01/2011 0910		
Prep Method: 3005A			Date Prepared: 02/25/2011 1305		
Arsenic	25	ug/L	4.0	10	1.0
Cadmium	1.0 U	ug/L	1.0	4.0	1.0
Chromium	2.0 U	ug/L	2.0	10	1.0
Iron	4000	ug/L	50	200	1.0
Lead	2.0 U	ug/L	2.0	10	1.0
Sodium	21	mg/L	0.31	0.50	1.0
Method: 300.0			Date Analyzed: 03/02/2011 0959		
Chloride	92	mg/L	2.0	5.0	10
Method: 350.1			Date Analyzed: 02/28/2011 1456		
Ammonia as N	0.95	mg/L	0.010	0.020	1.0

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Job Number: 660-39904-1

Client Sample ID: TH-58 WACS# 1571
Lab Sample ID: 660-39904-5

Date Sampled: 02/24/2011 1223
Date Received: 02/24/2011 1445
Client Matrix: Water

Analyte	Result/Qualifier	Unit	NONE	NONE	Dilution
Method: Field Sampling		Date Analyzed: 02/24/2011 1223			
Field pH	5.79	SU			1.0
Field Temperature	25.76	Degrees C			1.0
Oxygen, Dissolved	0.59	mg/L			1.0
Specific Conductance	692	umhos/cm			1.0
Turbidity	0.5	NTU			1.0

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Job Number: 660-39904-1

Client Sample ID: TH-58 WACS# 1571
Lab Sample ID: 660-39904-5

Date Sampled: 02/24/2011 1223
Date Received: 02/24/2011 1445
Client Matrix: Water

Analyte	Result/Qualifier	Unit	PQL	PQL	Dilution
Method: SM 2540C					
Total Dissolved Solids	380	mg/L	5.0	5.0	1.0

Date Analyzed: 02/28/2011 1354

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Job Number: 660-39904-1

Client Sample ID: TH-72 WACS# 27753
Lab Sample ID: 660-39904-6

Date Sampled: 02/24/2011 1315
Date Received: 02/24/2011 1445
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Method: Total Recoverable-6010B			Date Analyzed: 03/01/2011 0913			
Prep Method: 3005A			Date Prepared: 02/25/2011 1305			
Arsenic	4.0	U	ug/L	4.0	10	1.0
Cadmium	1.0	U	ug/L	1.0	4.0	1.0
Chromium	2.0	U	ug/L	2.0	10	1.0
Iron	530		ug/L	50	200	1.0
Lead	2.4	I	ug/L	2.0	10	1.0
Sodium	31		mg/L	0.31	0.50	1.0
Method: 300.0			Date Analyzed: 03/01/2011 1745			
Chloride	32		mg/L	0.20	0.50	1.0
Method: 350.1			Date Analyzed: 02/28/2011 1457			
Ammonia as N	0.22		mg/L	0.010	0.020	1.0

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Job Number: 660-39904-1

Client Sample ID: TH-72 WACS# 27753
Lab Sample ID: 660-39904-6

Date Sampled: 02/24/2011 1315
Date Received: 02/24/2011 1445
Client Matrix: Water

Analyte	Result/Qualifier	Unit	NONE	NONE	Dilution
Method: Field Sampling					
Field pH	7.34	SU			1.0
Field Temperature	22.85	Degrees C			1.0
Oxygen, Dissolved	0.19	mg/L			1.0
Specific Conductance	513	umhos/cm			1.0
Turbidity	1.0	NTU			1.0

Date Analyzed: 02/24/2011 1315

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Job Number: 660-39904-1

Client Sample ID: TH-72 WACS# 27753
Lab Sample ID: 660-39904-6

Date Sampled: 02/24/2011 1315
Date Received: 02/24/2011 1445
Client Matrix: Water

Analyte	Result/Qualifier	Unit	PQL	PQL	Dilution
Method: SM 2540C					
Total Dissolved Solids	350	mg/L	5.0	5.0	1.0

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Job Number: 660-39904-1

Client Sample ID: TH-73 WACS# 27754
Lab Sample ID: 660-39904-7

Date Sampled: 02/24/2011 1152
Date Received: 02/24/2011 1445
Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
Method: 8260B			Date Analyzed: 02/25/2011 1613		
Prep Method: 5030B			Date Prepared: 02/25/2011 1613		
Acetone	9.9 U	ug/L	9.9	20	1.0
Acetonitrile	20 U	ug/L	20	20	1.0
Acrolein	3.8 U	ug/L	3.8	5.0	1.0
Acrylonitrile	1.2 U	ug/L	1.2	10	1.0
Allyl chloride	2.5 U	ug/L	2.5	5.0	1.0
Benzene	0.50 U	ug/L	0.50	1.0	1.0
Bromodichloromethane	0.35 U	ug/L	0.35	1.0	1.0
Bromoform	0.58 U	ug/L	0.58	1.0	1.0
Bromomethane	2.5 U	ug/L	2.5	5.0	1.0
2-Butanone (MEK)	8.4 U	ug/L	8.4	10	1.0
Carbon disulfide	1.0 U	ug/L	1.0	2.0	1.0
Carbon tetrachloride	0.42 U	ug/L	0.42	1.0	1.0
Chlorobenzene	0.63 U	ug/L	0.63	1.0	1.0
Chlorobromomethane	0.58 U	ug/L	0.58	1.0	1.0
Chlorodibromomethane	0.34 U	ug/L	0.34	1.0	1.0
Chloroethane	2.5 U	ug/L	2.5	5.0	1.0
Chloroform	0.90 U	ug/L	0.90	1.0	1.0
Chloromethane	1.0 U	ug/L	1.0	4.0	1.0
Chloroprene	2.5 U	ug/L	2.5	5.0	1.0
cis-1,2-Dichloroethene	0.65 U	ug/L	0.65	1.0	1.0
cis-1,3-Dichloropropene	0.14 U	ug/L	0.14	1.0	1.0
Dibromomethane	0.41 U	ug/L	0.41	1.0	1.0
Dichlorodifluoromethane	2.5 U	ug/L	2.5	5.0	1.0
1,1-Dichloroethane	0.52 U	ug/L	0.52	1.0	1.0
1,2-Dichloroethane	0.57 U	ug/L	0.57	1.0	1.0
1,1-Dichloroethene	0.45 U	ug/L	0.45	1.0	1.0
1,2-Dichloropropane	0.52 U	ug/L	0.52	1.0	1.0
1,3-Dichloropropane	0.39 U	ug/L	0.39	1.0	1.0
2,2-Dichloropropane	0.36 U	ug/L	0.36	1.0	1.0
1,1-Dichloropropene	0.31 U	ug/L	0.31	1.0	1.0
Ethylbenzene	0.44 U	ug/L	0.44	1.0	1.0
Ethyl methacrylate	2.5 U	ug/L	2.5	5.0	1.0
2-Hexanone	4.4 U	ug/L	4.4	10	1.0
Iodomethane	2.5 U	ug/L	2.5	5.0	1.0
Isobutyl alcohol	31 U	ug/L	31	200	1.0
Methacrylonitrile	1.8 U	ug/L	1.8	100	1.0
Methylene Chloride	4.0 U	ug/L	4.0	5.0	1.0
Methyl methacrylate	2.5 U	ug/L	2.5	5.0	1.0
4-Methyl-2-pentanone (MIBK)	3.8 U	ug/L	3.8	10	1.0

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Job Number: 660-39904-1

Client Sample ID: TH-73 WACS# 27754
Lab Sample ID: 660-39904-7

Date Sampled: 02/24/2011 1152
Date Received: 02/24/2011 1445
Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
Propionitrile	7.2 U	ug/L	7.2	100	1.0
Styrene	0.98 U	ug/L	0.98	2.0	1.0
1,1,1,2-Tetrachloroethane	0.63 U	ug/L	0.63	1.0	1.0
1,1,2,2-Tetrachloroethane	0.15 U	ug/L	0.15	1.0	1.0
Tetrachloroethene	0.50 U	ug/L	0.50	1.0	1.0
Toluene	0.51 U	ug/L	0.51	1.0	1.0
trans-1,4-Dichloro-2-butene	2.5 U	ug/L	2.5	10	1.0
trans-1,2-Dichloroethene	0.44 U	ug/L	0.44	1.0	1.0
trans-1,3-Dichloropropene	0.14 U	ug/L	0.14	1.0	1.0
1,1,1-Trichloroethane	0.46 U	ug/L	0.46	1.0	1.0
1,1,2-Trichloroethane	0.47 U	ug/L	0.47	1.0	1.0
Trichloroethene	0.50 U	ug/L	0.50	1.0	1.0
Trichlorofluoromethane	2.5 U	ug/L	2.5	5.0	1.0
1,2,3-Trichloropropane	0.18 U	ug/L	0.18	1.0	1.0
Vinyl acetate	1.5 U	ug/L	1.5	10	1.0
Vinyl chloride	0.50 U	ug/L	0.50	1.0	1.0
Xylenes, Total	0.50 U	ug/L	0.50	3.0	1.0
Surrogate			Acceptance Limits		
4-Bromofluorobenzene	98	%		70 - 130	
Dibromofluoromethane	100	%		70 - 130	
Toluene-d8 (Surr)	100	%		70 - 130	
Method: 8270C			Date Analyzed:	03/02/2011 2023	
Prep Method: 3520C			Date Prepared:	03/01/2011 1339	
Benzyl alcohol	2.9 U	ug/L	2.9	9.9	1.0
Bis(2-chloroethoxy)methane	2.0 U	ug/L	2.0	9.9	1.0
Bis(2-chloroethyl)ether	2.6 U	ug/L	2.6	9.9	1.0
bis(2 chloro-1-methylethyl) ether	2.1 U	ug/L	2.1	9.9	1.0
Bis(2-ethylhexyl) phthalate	1.3 U	ug/L	1.3	5.9	1.0
4-Bromophenyl phenyl ether	1.7 U	ug/L	1.7	9.9	1.0
Butyl benzyl phthalate	1.2 U	ug/L	1.2	9.9	1.0
4-Chloroaniline	2.1 U J3	ug/L	2.1	20	1.0
4-Chloro-3-methylphenol	1.7 U	ug/L	1.7	9.9	1.0
2-Chloronaphthalene	1.6 U	ug/L	1.6	9.9	1.0
2-Chlorophenol	2.1 U	ug/L	2.1	9.9	1.0
4-Chlorophenyl phenyl ether	1.8 U	ug/L	1.8	9.9	1.0
Dibenzofuran	1.6 U	ug/L	1.6	9.9	1.0
1,2-Dichlorobenzene	1.1 U	ug/L	1.1	9.9	1.0
1,3-Dichlorobenzene	1.1 U	ug/L	1.1	9.9	1.0
1,4-Dichlorobenzene	1.2 U	ug/L	1.2	9.9	1.0
3,3'-Dichlorobenzidine	1.6 U J3	ug/L	1.6	20	1.0

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Job Number: 660-39904-1

Client Sample ID: TH-73 WACS# 27754
Lab Sample ID: 660-39904-7

Date Sampled: 02/24/2011 1152
Date Received: 02/24/2011 1445
Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
2,4-Dichlorophenol	1.8 U	ug/L	1.8	9.9	1.0
Diethyl phthalate	2.5 U	ug/L	2.5	9.9	1.0
2,4-Dimethylphenol	1.8 U	ug/L	1.8	9.9	1.0
Dimethyl phthalate	2.5 U	ug/L	2.5	9.9	1.0
Di-n-butyl phthalate	2.5 U	ug/L	2.5	9.9	1.0
1,3-Dinitrobenzene	0.98 U	ug/L	0.98	9.9	1.0
4,6-Dinitro-2-methylphenol	1.5 U	ug/L	1.5	50	1.0
2,4-Dinitrophenol	6.1 U	ug/L	6.1	50	1.0
2,4-Dinitrotoluene	0.90 U	ug/L	0.90	9.9	1.0
2,6-Dinitrotoluene	0.71 U	ug/L	0.71	9.9	1.0
Di-n-octyl phthalate	2.5 U	ug/L	2.5	9.9	1.0
Hexachlorobenzene	1.7 U	ug/L	1.7	4.0	1.0
Hexachlorobutadiene	0.99 U	ug/L	0.99	9.9	1.0
Hexachlorocyclopentadiene	1.2 U	ug/L	1.2	9.9	1.0
Hexachloroethane	0.84 U	ug/L	0.84	9.9	1.0
Isophorone	1.4 U	ug/L	1.4	9.9	1.0
2-Methylphenol	2.3 U	ug/L	2.3	9.9	1.0
3 & 4 Methylphenol	2.4 U	ug/L	2.4	9.9	1.0
2-Nitroaniline	1.4 U J3	ug/L	1.4	50	1.0
3-Nitroaniline	1.2 U	ug/L	1.2	50	1.0
4-Nitroaniline	1.4 U	ug/L	1.4	50	1.0
Nitrobenzene	1.9 U	ug/L	1.9	9.9	1.0
2-Nitrophenol	1.2 U	ug/L	1.2	9.9	1.0
4-Nitrophenol	6.1 U	ug/L	6.1	50	1.0
N-Nitrosodimethylamine	2.4 U	ug/L	2.4	9.9	1.0
N-Nitrosodi-n-propylamine	1.9 U	ug/L	1.9	9.9	1.0
N-Nitrosodiphenylamine	1.6 U	ug/L	1.6	9.9	1.0
Pentachlorophenol	1.5 U	ug/L	1.5	15	1.0
Phenol	2.4 U	ug/L	2.4	4.0	1.0
2,3,4,6-Tetrachlorophenol	0.64 U	ug/L	0.64	9.9	1.0
1,2,4-Trichlorobenzene	1.2 U	ug/L	1.2	9.9	1.0
2,4,5-Trichlorophenol	2.1 U	ug/L	2.1	9.9	1.0
2,4,6-Trichlorophenol	1.9 U	ug/L	1.9	9.9	1.0
Surrogate			Acceptance Limits		
2-Fluorobiphenyl	59	%		36 - 124	
2-Fluorophenol	52	%		29 - 121	
Nitrobenzene-d5	62	%		34 - 130	
Phenol-d6 (Surr)	49	%		25 - 128	
Terphenyl-d14	17	%		14 - 148	
2,4,6-Tribromophenol	59	%		29 - 143	

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Job Number: 660-39904-1

Client Sample ID: TH-73 WACS# 27754
Lab Sample ID: 660-39904-7

Date Sampled: 02/24/2011 1152
Date Received: 02/24/2011 1445
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Method: 8270C			Date Analyzed:		03/04/2011 1110	
Prep Method: 3520C			Date Prepared:		03/01/2011 1339	
Acetophenone	1.5	U	ug/L	1.5	9.9	1.0
2-Acetylaminofluorene	0.76	U	ug/L	0.76	9.9	1.0
4-Aminobiphenyl	0.80	U	ug/L	0.80	9.9	1.0
Diallate	1.4	U	ug/L	1.4	9.9	1.0
2,6-Dichlorophenol	1.6	U	ug/L	1.6	9.9	1.0
7,12-Dimethylbenz(a)anthracene	0.91	U	ug/L	0.91	9.9	1.0
3,3'-Dimethylbenzidine	14	U	ug/L	14	20	1.0
Ethyl methanesulfonate	1.3	U	ug/L	1.3	9.9	1.0
Hexachloropropene	0.65	U	ug/L	0.65	9.9	1.0
Isosafrole	1.6	U	ug/L	1.6	9.9	1.0
Kepone	37	U	ug/L	37	50	1.0
Methapyrilene	1.1	U	ug/L	1.1	2000	1.0
3-Methylcholanthrene	0.55	U	ug/L	0.55	9.9	1.0
Methyl methanesulfonate	1.2	U	ug/L	1.2	9.9	1.0
1,4-Naphthoquinone	1.1	U	ug/L	1.1	9.9	1.0
1-Naphthylamine	0.83	U	ug/L	0.83	9.9	1.0
2-Naphthylamine	0.99	U	ug/L	0.99	9.9	1.0
N-Nitro-o-toluidine	0.89	U	ug/L	0.89	9.9	1.0
N-Nitrosodiethylamine	1.5	U	ug/L	1.5	9.9	1.0
N-Nitrosodi-n-butylamine	1.5	U	ug/L	1.5	9.9	1.0
N-Nitrosomethylethylamine	1.6	U	ug/L	1.6	9.9	1.0
N-Nitrosopiperidine	0.86	U	ug/L	0.86	9.9	1.0
N-Nitrosopyrrolidine	1.2	U	ug/L	1.2	9.9	1.0
o,o',o''-Triethylphosphorothioate	1.8	U	ug/L	1.8	9.9	1.0
p-Dimethylamino azobenzene	0.66	U	ug/L	0.66	9.9	1.0
Pentachlorobenzene	0.98	U	ug/L	0.98	9.9	1.0
Pentachloronitrobenzene	1.5	U	ug/L	1.5	9.9	1.0
Phenacetin	0.83	U	ug/L	0.83	9.9	1.0
p-Phenylene diamine	3.1	U	ug/L	3.1	2000	1.0
Pronamide	0.69	U	ug/L	0.69	9.9	1.0
Safrole, Total	1.2	U	ug/L	1.2	9.9	1.0
1,2,4,5-Tetrachlorobenzene	1.1	U	ug/L	1.1	9.9	1.0
2-Toluidine	1.2	U	ug/L	1.2	9.9	1.0
1,3,5-Trinitrobenzene	0.60	U	ug/L	0.60	9.9	1.0
Method: Total Recoverable-6010B			Date Analyzed:		03/01/2011 0917	
Prep Method: 3005A			Date Prepared:		02/25/2011 1305	
Arsenic	4.0	U	ug/L	4.0	10	1.0
Cadmium	1.0	U	ug/L	1.0	4.0	1.0
Chromium	9.7	I	ug/L	2.0	10	1.0

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Job Number: 660-39904-1

Client Sample ID: TH-73 WACS# 27754
Lab Sample ID: 660-39904-7

Date Sampled: 02/24/2011 1152
Date Received: 02/24/2011 1445
Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
Iron	17000	ug/L	50	200	1.0
Lead	2.9 I	ug/L	2.0	10	1.0
Sodium	28	mg/L	0.31	0.50	1.0
Method: 300.0					
Chloride	61	mg/L	0.40	1.0	2.0
Method: 350.1					
Ammonia as N	3.0	mg/L	0.010	0.020	1.0

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Job Number: 660-39904-1

Client Sample ID: TH-73 WACS# 27754
Lab Sample ID: 660-39904-7

Date Sampled: 02/24/2011 1152
Date Received: 02/24/2011 1445
Client Matrix: Water

Analyte	Result/Qualifier	Unit	NONE	NONE	Dilution
Method: Field Sampling		Date Analyzed: 02/24/2011 1152			
Field pH	5.62	SU			1.0
Field Temperature	26.15	Degrees C			1.0
Oxygen, Dissolved	0.38	mg/L			1.0
Specific Conductance	340	umhos/cm			1.0
Turbidity	16.4	NTU			1.0

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Job Number: 660-39904-1

Client Sample ID: TH-73 WACS# 27754
Lab Sample ID: 660-39904-7

Date Sampled: 02/24/2011 1152
Date Received: 02/24/2011 1445
Client Matrix: Water

Analyte	Result/Qualifier	Unit	PQL	PQL	Dilution
Method: SM 2540C					
Total Dissolved Solids	170	mg/L	5.0	5.0	1.0

Date Analyzed: 02/28/2011 1355

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Job Number: 660-39904-1

Client Sample ID: DUPLICATE
Lab Sample ID: 660-39904-8

Date Sampled: 02/24/2011 1023
Date Received: 02/24/2011 1445
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Method: Total Recoverable-6010B			Date Analyzed: 03/01/2011 0920			
Prep Method: 3005A			Date Prepared: 02/25/2011 1305			
Arsenic	4.0	U	ug/L	4.0	10	1.0
Cadmium	1.0	U	ug/L	1.0	4.0	1.0
Chromium	2.0	U	ug/L	2.0	10	1.0
Iron	190	I	ug/L	50	200	1.0
Lead	2.0	U	ug/L	2.0	10	1.0
Sodium	20		mg/L	0.31	0.50	1.0
Method: 300.0			Date Analyzed: 03/02/2011 1022			
Chloride	57		mg/L	0.40	1.0	2.0
Method: 350.1			Date Analyzed: 02/28/2011 1500			
Ammonia as N	1.3		mg/L	0.010	0.020	1.0

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Job Number: 660-39904-1

Client Sample ID: DUPLICATE
Lab Sample ID: 660-39904-8

Date Sampled: 02/24/2011 1023
Date Received: 02/24/2011 1445
Client Matrix: Water

Analyte	Result/Qualifier	Unit	PQL	PQL	Dilution
Method: SM 2540C					
Total Dissolved Solids	160	mg/L	5.0	5.0	1.0

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Job Number: 660-39904-1

Client Sample ID: BLANK, EQUIPMENT
Lab Sample ID: 660-39904-9

Date Sampled: 02/24/2011 1025
Date Received: 02/24/2011 1445
Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
Method: 8260B			Date Analyzed: 02/25/2011 1636		
Prep Method: 5030B			Date Prepared: 02/25/2011 1636		
Acetone	9.9 U	ug/L	9.9	20	1.0
Acetonitrile	20 U	ug/L	20	20	1.0
Acrolein	3.8 U	ug/L	3.8	5.0	1.0
Acrylonitrile	1.2 U	ug/L	1.2	10	1.0
Allyl chloride	2.5 U	ug/L	2.5	5.0	1.0
Benzene	0.50 U	ug/L	0.50	1.0	1.0
Bromodichloromethane	0.35 U	ug/L	0.35	1.0	1.0
Bromoform	0.58 U	ug/L	0.58	1.0	1.0
Bromomethane	2.5 U	ug/L	2.5	5.0	1.0
2-Butanone (MEK)	8.4 U	ug/L	8.4	10	1.0
Carbon disulfide	1.0 U	ug/L	1.0	2.0	1.0
Carbon tetrachloride	0.42 U	ug/L	0.42	1.0	1.0
Chlorobenzene	0.63 U	ug/L	0.63	1.0	1.0
Chlorobromomethane	0.58 U	ug/L	0.58	1.0	1.0
Chlorodibromomethane	0.34 U	ug/L	0.34	1.0	1.0
Chloroethane	2.5 U	ug/L	2.5	5.0	1.0
Chloroform	0.90 U	ug/L	0.90	1.0	1.0
Chloromethane	1.0 U	ug/L	1.0	4.0	1.0
Chloroprene	2.5 U	ug/L	2.5	5.0	1.0
cis-1,2-Dichloroethene	0.65 U	ug/L	0.65	1.0	1.0
cis-1,3-Dichloropropene	0.14 U	ug/L	0.14	1.0	1.0
Dibromomethane	0.41 U	ug/L	0.41	1.0	1.0
Dichlorodifluoromethane	2.5 U	ug/L	2.5	5.0	1.0
1,1-Dichloroethane	0.52 U	ug/L	0.52	1.0	1.0
1,2-Dichloroethane	0.57 U	ug/L	0.57	1.0	1.0
1,1-Dichloroethene	0.45 U	ug/L	0.45	1.0	1.0
1,2-Dichloropropane	0.52 U	ug/L	0.52	1.0	1.0
1,3-Dichloropropane	0.39 U	ug/L	0.39	1.0	1.0
2,2-Dichloropropane	0.36 U	ug/L	0.36	1.0	1.0
1,1-Dichloropropene	0.31 U	ug/L	0.31	1.0	1.0
Ethylbenzene	0.44 U	ug/L	0.44	1.0	1.0
Ethyl methacrylate	2.5 U	ug/L	2.5	5.0	1.0
2-Hexanone	4.4 U	ug/L	4.4	10	1.0
Iodomethane	2.5 U	ug/L	2.5	5.0	1.0
Isobutyl alcohol	31 U	ug/L	31	200	1.0
Methacrylonitrile	1.8 U	ug/L	1.8	100	1.0
Methylene Chloride	4.0 U	ug/L	4.0	5.0	1.0
Methyl methacrylate	2.5 U	ug/L	2.5	5.0	1.0
4-Methyl-2-pentanone (MIBK)	3.8 U	ug/L	3.8	10	1.0

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Job Number: 660-39904-1

Client Sample ID: BLANK, EQUIPMENT
Lab Sample ID: 660-39904-9

Date Sampled: 02/24/2011 1025
Date Received: 02/24/2011 1445
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Propionitrile	7.2	U	ug/L	7.2	100	1.0
Styrene	0.98	U	ug/L	0.98	2.0	1.0
1,1,1,2-Tetrachloroethane	0.63	U	ug/L	0.63	1.0	1.0
1,1,2,2-Tetrachloroethane	0.15	U	ug/L	0.15	1.0	1.0
Tetrachloroethene	0.50	U	ug/L	0.50	1.0	1.0
Toluene	0.51	U	ug/L	0.51	1.0	1.0
trans-1,4-Dichloro-2-butene	2.5	U	ug/L	2.5	10	1.0
trans-1,2-Dichloroethene	0.44	U	ug/L	0.44	1.0	1.0
trans-1,3-Dichloropropene	0.14	U	ug/L	0.14	1.0	1.0
1,1,1-Trichloroethane	0.46	U	ug/L	0.46	1.0	1.0
1,1,2-Trichloroethane	0.47	U	ug/L	0.47	1.0	1.0
Trichloroethene	0.50	U	ug/L	0.50	1.0	1.0
Trichlorofluoromethane	2.5	U	ug/L	2.5	5.0	1.0
1,2,3-Trichloropropane	0.18	U	ug/L	0.18	1.0	1.0
Vinyl acetate	1.5	U	ug/L	1.5	10	1.0
Vinyl chloride	0.50	U	ug/L	0.50	1.0	1.0
Xylenes, Total	0.50	U	ug/L	0.50	3.0	1.0
Surrogate	Acceptance Limits					
4-Bromofluorobenzene	98		%		70 - 130	
Dibromofluoromethane	99		%		70 - 130	
Toluene-d8 (Surr)	102		%		70 - 130	
Method: 8270C				Date Analyzed:	03/02/2011 2104	
Prep Method: 3520C				Date Prepared:	03/01/2011 1339	
Benzyl alcohol	2.8	U	ug/L	2.8	9.6	1.0
Bis(2-chloroethoxy)methane	1.9	U	ug/L	1.9	9.6	1.0
Bis(2-chloroethyl)ether	2.5	U	ug/L	2.5	9.6	1.0
bis(2 chloro-1-methylethyl) ether	2.0	U	ug/L	2.0	9.6	1.0
Bis(2-ethylhexyl) phthalate	1.2	U	ug/L	1.2	5.8	1.0
4-Bromophenyl phenyl ether	1.6	U	ug/L	1.6	9.6	1.0
Butyl benzyl phthalate	1.2	U	ug/L	1.2	9.6	1.0
4-Chloroaniline	2.0	U	ug/L	2.0	19	1.0
4-Chloro-3-methylphenol	1.6	U	ug/L	1.6	9.6	1.0
2-Chloronaphthalene	1.5	U	ug/L	1.5	9.6	1.0
2-Chlorophenol	2.0	U	ug/L	2.0	9.6	1.0
4-Chlorophenyl phenyl ether	1.7	U	ug/L	1.7	9.6	1.0
Dibenzofuran	1.5	U	ug/L	1.5	9.6	1.0
1,2-Dichlorobenzene	1.1	U	ug/L	1.1	9.6	1.0
1,3-Dichlorobenzene	1.1	U	ug/L	1.1	9.6	1.0
1,4-Dichlorobenzene	1.2	U	ug/L	1.2	9.6	1.0
3,3'-Dichlorobenzidine	1.5	U	ug/L	1.5	19	1.0

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Job Number: 660-39904-1

Client Sample ID: BLANK, EQUIPMENT
Lab Sample ID: 660-39904-9

Date Sampled: 02/24/2011 1025
Date Received: 02/24/2011 1445
Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
2,4-Dichlorophenol	1.7 U	ug/L	1.7	9.6	1.0
Diethyl phthalate	2.4 U	ug/L	2.4	9.6	1.0
2,4-Dimethylphenol	1.7 U	ug/L	1.7	9.6	1.0
Dimethyl phthalate	2.4 U	ug/L	2.4	9.6	1.0
Di-n-butyl phthalate	2.4 U	ug/L	2.4	9.6	1.0
1,3-Dinitrobenzene	0.95 U	ug/L	0.95	9.6	1.0
4,6-Dinitro-2-methylphenol	1.4 U	ug/L	1.4	48	1.0
2,4-Dinitrophenol	6.0 U	ug/L	6.0	48	1.0
2,4-Dinitrotoluene	0.88 U	ug/L	0.88	9.6	1.0
2,6-Dinitrotoluene	0.69 U	ug/L	0.69	9.6	1.0
Di-n-octyl phthalate	2.4 U	ug/L	2.4	9.6	1.0
Hexachlorobenzene	1.6 U	ug/L	1.6	3.8	1.0
Hexachlorobutadiene	0.96 U	ug/L	0.96	9.6	1.0
Hexachlorocyclopentadiene	1.2 U	ug/L	1.2	9.6	1.0
Hexachloroethane	0.82 U	ug/L	0.82	9.6	1.0
Isophorone	1.3 U	ug/L	1.3	9.6	1.0
2-Methylphenol	2.2 U	ug/L	2.2	9.6	1.0
3 & 4 Methylphenol	2.3 U	ug/L	2.3	9.6	1.0
2-Nitroaniline	1.3 U	ug/L	1.3	48	1.0
3-Nitroaniline	1.2 U	ug/L	1.2	48	1.0
4-Nitroaniline	1.3 U	ug/L	1.3	48	1.0
Nitrobenzene	1.8 U	ug/L	1.8	9.6	1.0
2-Nitrophenol	1.2 U	ug/L	1.2	9.6	1.0
4-Nitrophenol	6.0 U	ug/L	6.0	48	1.0
N-Nitrosodimethylamine	2.3 U	ug/L	2.3	9.6	1.0
N-Nitrosodi-n-propylamine	1.8 U	ug/L	1.8	9.6	1.0
N-Nitrosodiphenylamine	1.5 U	ug/L	1.5	9.6	1.0
Pentachlorophenol	1.4 U	ug/L	1.4	14	1.0
Phenol	2.3 U	ug/L	2.3	3.8	1.0
2,3,4,6-Tetrachlorophenol	0.62 U	ug/L	0.62	9.6	1.0
1,2,4-Trichlorobenzene	1.2 U	ug/L	1.2	9.6	1.0
2,4,5-Trichlorophenol	2.0 U	ug/L	2.0	9.6	1.0
2,4,6-Trichlorophenol	1.8 U	ug/L	1.8	9.6	1.0
Surrogate			Acceptance Limits		
2-Fluorobiphenyl	97	%		36 - 124	
2-Fluorophenol	68	%		29 - 121	
Nitrobenzene-d5	97	%		34 - 130	
Phenol-d6 (Surr)	59	%		25 - 128	
Terphenyl-d14	78	%		14 - 148	
2,4,6-Tribromophenol	99	%		29 - 143	

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Job Number: 660-39904-1

Client Sample ID: BLANK, EQUIPMENT
Lab Sample ID: 660-39904-9

Date Sampled: 02/24/2011 1025
Date Received: 02/24/2011 1445
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Method: 8270C			Date Analyzed: 03/04/2011 1136			
Prep Method: 3520C			Date Prepared: 03/01/2011 1339			
Acetophenone	1.4	U	ug/L	1.4	9.6	1.0
2-Acetylaminofluorene	0.74	U	ug/L	0.74	9.6	1.0
4-Aminobiphenyl	0.78	U	ug/L	0.78	9.6	1.0
Diallate	1.3	U	ug/L	1.3	9.6	1.0
2,6-Dichlorophenol	1.5	U	ug/L	1.5	9.6	1.0
7,12-Dimethylbenz(a)anthracene	0.88	U	ug/L	0.88	9.6	1.0
3,3'-Dimethylbenzidine	13	U	ug/L	13	19	1.0
Ethyl methanesulfonate	1.2	U	ug/L	1.2	9.6	1.0
Hexachloropropene	0.63	U	ug/L	0.63	9.6	1.0
Isosafrole	1.5	U	ug/L	1.5	9.6	1.0
Kepone	36	U	ug/L	36	48	1.0
Methapyrilene	1.1	U	ug/L	1.1	1900	1.0
3-Methylcholanthrene	0.54	U	ug/L	0.54	9.6	1.0
Methyl methanesulfonate	1.2	U	ug/L	1.2	9.6	1.0
1,4-Naphthoquinone	1.1	U	ug/L	1.1	9.6	1.0
1-Naphthylamine	0.81	U	ug/L	0.81	9.6	1.0
2-Naphthylamine	0.96	U	ug/L	0.96	9.6	1.0
N-Nitro-o-toluidine	0.87	U	ug/L	0.87	9.6	1.0
N-Nitrosodiethylamine	1.4	U	ug/L	1.4	9.6	1.0
N-Nitrosodi-n-butylamine	1.4	U	ug/L	1.4	9.6	1.0
N-Nitrosomethylethylamine	1.5	U	ug/L	1.5	9.6	1.0
N-Nitrosopiperidine	0.84	U	ug/L	0.84	9.6	1.0
N-Nitrosopyrrolidine	1.2	U	ug/L	1.2	9.6	1.0
o,o',o"-Triethylphosphorothioate	1.7	U	ug/L	1.7	9.6	1.0
p-Dimethylamino azobenzene	0.64	U	ug/L	0.64	9.6	1.0
Pentachlorobenzene	0.95	U	ug/L	0.95	9.6	1.0
Pentachloronitrobenzene	1.4	U	ug/L	1.4	9.6	1.0
Phenacetin	0.81	U	ug/L	0.81	9.6	1.0
p-Phenylene diamine	3.0	U	ug/L	3.0	1900	1.0
Pronamide	0.67	U	ug/L	0.67	9.6	1.0
Safrole, Total	1.2	U	ug/L	1.2	9.6	1.0
1,2,4,5-Tetrachlorobenzene	1.1	U	ug/L	1.1	9.6	1.0
2-Toluidine	1.2	U	ug/L	1.2	9.6	1.0
1,3,5-Trinitrobenzene	0.59	U	ug/L	0.59	9.6	1.0
Method: Total Recoverable-6010B			Date Analyzed: 03/01/2011 0923			
Prep Method: 3005A			Date Prepared: 02/25/2011 1305			
Arsenic	4.0	U	ug/L	4.0	10	1.0
Cadmium	1.0	U	ug/L	1.0	4.0	1.0
Chromium	2.0	U	ug/L	2.0	10	1.0

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Job Number: 660-39904-1

Client Sample ID: BLANK, EQUIPMENT
Lab Sample ID: 660-39904-9

Date Sampled: 02/24/2011 1025
Date Received: 02/24/2011 1445
Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
Iron	50 U	ug/L	50	200	1.0
Lead	2.0 U	ug/L	2.0	10	1.0
Sodium	0.31 U	mg/L	0.31	0.50	1.0
Method: 300.0					
Chloride	0.20 U	mg/L	0.20	0.50	1.0
Method: 350.1					
Ammonia as N	0.010 U	mg/L	0.010	0.020	1.0

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Job Number: 660-39904-1

Client Sample ID: BLANK, EQUIPMENT
Lab Sample ID: 660-39904-9

Date Sampled: 02/24/2011 1025
Date Received: 02/24/2011 1445
Client Matrix: Water

Analyte	Result/Qualifier	Unit	PQL	PQL	Dilution
Method: SM 2540C			Date Analyzed: 02/28/2011 1356		
Total Dissolved Solids	5.0 U	mg/L	5.0	5.0	1.0

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Job Number: 660-39904-1

Client Sample ID: BLANK, TRAVEL
Lab Sample ID: 660-39904-10

Date Sampled: 02/24/2011 1023
Date Received: 02/24/2011 1445
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Method: 8260B			Date Analyzed:	02/25/2011 1208		
Prep Method: 5030B			Date Prepared:	02/25/2011 1208		
Acetone	9.9	U	ug/L	9.9	20	1.0
Acrylonitrile	1.2	U	ug/L	1.2	10	1.0
Benzene	0.50	U	ug/L	0.50	1.0	1.0
Bromochloromethane	0.58	U	ug/L	0.58	1.0	1.0
Bromodichloromethane	0.35	U	ug/L	0.35	1.0	1.0
Bromoform	0.58	U	ug/L	0.58	1.0	1.0
Bromomethane	2.5	U	ug/L	2.5	5.0	1.0
2-Butanone	8.4	U	ug/L	8.4	10	1.0
Carbon disulfide	1.0	U	ug/L	1.0	2.0	1.0
Carbon tetrachloride	0.42	U	ug/L	0.42	1.0	1.0
Chlorobenzene	0.63	U	ug/L	0.63	1.0	1.0
Chloroethane	2.5	U	ug/L	2.5	5.0	1.0
Chloromethane	1.0	U	ug/L	1.0	4.0	1.0
cis-1,2-Dichloroethene	0.65	U	ug/L	0.65	1.0	1.0
cis-1,3-Dichloropropene	0.14	U	ug/L	0.14	1.0	1.0
Dibromochloromethane	0.34	U	ug/L	0.34	1.0	1.0
Dibromomethane	0.41	U	ug/L	0.41	1.0	1.0
1,2-Dichlorobenzene	0.44	U	ug/L	0.44	1.0	1.0
1,4-Dichlorobenzene	0.52	U	ug/L	0.52	1.0	1.0
1,1-Dichloroethane	0.52	U	ug/L	0.52	1.0	1.0
1,2-Dichloroethane	0.57	U	ug/L	0.57	1.0	1.0
1,1-Dichloroethene	0.45	U	ug/L	0.45	1.0	1.0
1,2-Dichloropropane	0.52	U	ug/L	0.52	1.0	1.0
Ethylbenzene	0.44	U	ug/L	0.44	1.0	1.0
2-Hexanone	4.4	U	ug/L	4.4	10	1.0
Iodomethane	2.5	U	ug/L	2.5	5.0	1.0
Methylene Chloride	4.0	U	ug/L	4.0	5.0	1.0
4-Methyl-2-pentanone	3.8	U	ug/L	3.8	10	1.0
Styrene	0.98	U	ug/L	0.98	2.0	1.0
1,1,1,2-Tetrachloroethane	0.63	U	ug/L	0.63	1.0	1.0
1,1,2,2-Tetrachloroethane	0.15	U	ug/L	0.15	1.0	1.0
Tetrachloroethene	0.50	U	ug/L	0.50	1.0	1.0
Toluene	0.51	U	ug/L	0.51	1.0	1.0
trans-1,4-Dichloro-2-butene	2.5	U	ug/L	2.5	10	1.0
trans-1,2-Dichloroethene	0.44	U	ug/L	0.44	1.0	1.0
trans-1,3-Dichloropropene	0.14	U	ug/L	0.14	1.0	1.0
1,1,1-Trichloroethane	0.46	U	ug/L	0.46	1.0	1.0
1,1,2-Trichloroethane	0.47	U	ug/L	0.47	1.0	1.0
Trichloroethene	0.50	U	ug/L	0.50	1.0	1.0

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Job Number: 660-39904-1

Client Sample ID: BLANK, TRAVEL
Lab Sample ID: 660-39904-10

Date Sampled: 02/24/2011 1023
Date Received: 02/24/2011 1445
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Trichlorofluoromethane	2.5	U	ug/L	2.5	5.0	1.0
Trichloromethane	0.90	U	ug/L	0.90	1.0	1.0
1,2,3-Trichloropropane	0.18	U	ug/L	0.18	1.0	1.0
Vinyl acetate	1.5	U	ug/L	1.5	10	1.0
Vinyl chloride	0.50	U	ug/L	0.50	1.0	1.0
Xylenes, Total	0.50	U	ug/L	0.50	3.0	1.0
Surrogate	Acceptance Limits					
4-Bromofluorobenzene	100		%		70 - 130	
Dibromofluoromethane	101		%		70 - 130	
Toluene-d8 (Surr)	101		%		70 - 130	

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Job Number: 660-39904-1

Client Sample ID: TH-42 WACS#823
Lab Sample ID: 660-39916-1

Date Sampled: 02/25/2011 1008
Date Received: 02/25/2011 1350
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Method: Total Recoverable-6010B			Date Analyzed:		03/01/2011 1013	
Prep Method: 3005A			Date Prepared:		02/28/2011 0908	
Arsenic	4.0	U	ug/L	4.0	10	1.0
Cadmium	1.0	U	ug/L	1.0	4.0	1.0
Chromium	9.3	I	ug/L	2.0	10	1.0
Iron	1200		ug/L	50	200	1.0
Lead	19		ug/L	2.0	10	1.0
Sodium	15		mg/L	0.31	0.50	1.0
Method: 300.0			Date Analyzed:		03/01/2011 1516	
Chloride	18		mg/L	0.20	0.50	1.0
Method: 350.1			Date Analyzed:		03/01/2011 1049	
Ammonia as N	0.19		mg/L	0.010	0.020	1.0

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Job Number: 660-39904-1

Client Sample ID: TH-42 WACS#823
Lab Sample ID: 660-39916-1

Date Sampled: 02/25/2011 1008
Date Received: 02/25/2011 1350
Client Matrix: Water

Analyte	Result/Qualifier	Unit	NONE	NONE	Dilution
Method: Field Sampling		Date Analyzed:	02/25/2011 1008		
Field pH	7.29	SU			1.0
Field Temperature	23.66	Degrees C			1.0
Oxygen, Dissolved	2.26	mg/L			1.0
Specific Conductance	541	umhos/cm			1.0
Turbidity	41.1	NTU			1.0

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Job Number: 660-39904-1

Client Sample ID: TH-42 WACS#823
Lab Sample ID: 660-39916-1

Date Sampled: 02/25/2011 1008
Date Received: 02/25/2011 1350
Client Matrix: Water

Analyte	Result/Qualifier	Unit	PQL	PQL	Dilution
Method: SM 2540C					
Total Dissolved Solids	320	mg/L	5.0	5.0	1.0

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Job Number: 660-39904-1

Client Sample ID: TH-19 WACS# 821
Lab Sample ID: 660-39916-2

Date Sampled: 02/25/2011 1047
Date Received: 02/25/2011 1350
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Method: Total Recoverable-6010B			Date Analyzed: 03/01/2011 1032			
Prep Method: 3005A			Date Prepared: 02/28/2011 0908			
Arsenic	4.0	U	ug/L	4.0	10	1.0
Cadmium	1.0	U	ug/L	1.0	4.0	1.0
Chromium	2.0	U	ug/L	2.0	10	1.0
Iron	50	U	ug/L	50	200	1.0
Lead	2.0	U	ug/L	2.0	10	1.0
Sodium	14		mg/L	0.31	0.50	1.0
Method: 300.0			Date Analyzed: 03/01/2011 1527			
Chloride	8.3		mg/L	0.20	0.50	1.0
Method: 350.1			Date Analyzed: 03/01/2011 1053			
Ammonia as N	0.21		mg/L	0.010	0.020	1.0

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Job Number: 660-39904-1

Client Sample ID: TH-19 WACS# 821
Lab Sample ID: 660-39916-2

Date Sampled: 02/25/2011 1047
Date Received: 02/25/2011 1350
Client Matrix: Water

Analyte	Result/Qualifier	Unit	NONE	NONE	Dilution
Method: Field Sampling		Date Analyzed:	02/25/2011 1047		
Field pH	7.45	SU			1.0
Field Temperature	23.37	Degrees C			1.0
Oxygen, Dissolved	0.82	mg/L			1.0
Specific Conductance	432	umhos/cm			1.0
Turbidity	0.6	NTU			1.0

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Job Number: 660-39904-1

Client Sample ID: TH-19 WACS# 821
Lab Sample ID: 660-39916-2

Date Sampled: 02/25/2011 1047
Date Received: 02/25/2011 1350
Client Matrix: Water

Analyte	Result/Qualifier	Unit	PQL	PQL	Dilution
Method: SM 2540C					
Total Dissolved Solids	250	mg/L	5.0	5.0	1.0

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Job Number: 660-39904-1

Client Sample ID: Sup 1 WACS# 27755
Lab Sample ID: 660-39916-3

Date Sampled: 02/25/2011 1154
Date Received: 02/25/2011 1350
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Method: Total Recoverable-6010B			Date Analyzed: 03/01/2011 1035			
Prep Method: 3005A			Date Prepared: 02/28/2011 0908			
Arsenic	4.0	U	ug/L	4.0	10	1.0
Cadmium	1.0	U	ug/L	1.0	4.0	1.0
Chromium	2.0	U	ug/L	2.0	10	1.0
Iron	50	U	ug/L	50	200	1.0
Lead	25		ug/L	2.0	10	1.0
Sodium	8.7		mg/L	0.31	0.50	1.0
Method: 300.0			Date Analyzed: 03/01/2011 1539			
Chloride	9.9		mg/L	0.20	0.50	1.0
Method: 350.1			Date Analyzed: 03/01/2011 1054			
Ammonia as N	0.096		mg/L	0.010	0.020	1.0

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Job Number: 660-39904-1

Client Sample ID: Sup 1 WACS# 27755
Lab Sample ID: 660-39916-3

Date Sampled: 02/25/2011 1154
Date Received: 02/25/2011 1350
Client Matrix: Water

Analyte	Result/Qualifier	Unit	NONE	NONE	Dilution
Method: Field Sampling		Date Analyzed: 02/25/2011 1154			
Field pH	7.66	SU			1.0
Field Temperature	24.48	Degrees C			1.0
Oxygen, Dissolved	0.05	mg/L			1.0
Specific Conductance	373	umhos/cm			1.0
Turbidity	0.1	NTU			1.0

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Job Number: 660-39904-1

Client Sample ID: Sup 1 WACS# 27755
Lab Sample ID: 660-39916-3

Date Sampled: 02/25/2011 1154
Date Received: 02/25/2011 1350
Client Matrix: Water

Analyte	Result/Qualifier	Unit	PQL	PQL	Dilution
Method: SM 2540C					
Total Dissolved Solids	220	mg/L	5.0	5.0	1.0

Date Analyzed: 02/28/2011 1358

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Job Number: 660-39904-1

Client Sample ID: Sup 2 WACS# 27756
Lab Sample ID: 660-39916-4

Date Sampled: 02/25/2011 1119
Date Received: 02/25/2011 1350
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Method: Total Recoverable-6010B			Date Analyzed: 03/01/2011 1039			
Prep Method: 3005A			Date Prepared: 02/28/2011 0908			
Arsenic	4.0	U	ug/L	4.0	10	1.0
Cadmium	1.0	U	ug/L	1.0	4.0	1.0
Chromium	2.0	U	ug/L	2.0	10	1.0
Iron	50	U	ug/L	50	200	1.0
Lead	2.0	U	ug/L	2.0	10	1.0
Sodium	8.7		mg/L	0.31	0.50	1.0
Method: 300.0			Date Analyzed: 03/01/2011 1550			
Chloride	11		mg/L	0.20	0.50	1.0
Method: 350.1			Date Analyzed: 03/01/2011 1055			
Ammonia as N	0.065		mg/L	0.010	0.020	1.0

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Job Number: 660-39904-1

Client Sample ID: Sup 2 WACS# 27756
Lab Sample ID: 660-39916-4

Date Sampled: 02/25/2011 1119
Date Received: 02/25/2011 1350
Client Matrix: Water

Analyte	Result/Qualifier	Unit	NONE	NONE	Dilution
Method: Field Sampling		Date Analyzed:	02/25/2011 1119		
Field pH	7.69	SU			1.0
Field Temperature	24.45	Degrees C			1.0
Oxygen, Dissolved	0.07	mg/L			1.0
Specific Conductance	381	umhos/cm			1.0
Turbidity	0.1	NTU			1.0

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Job Number: 660-39904-1

Client Sample ID: Sup 2 WACS# 27756
Lab Sample ID: 660-39916-4

Date Sampled: 02/25/2011 1119
Date Received: 02/25/2011 1350
Client Matrix: Water

Analyte	Result/Qualifier	Unit	PQL	PQL	Dilution
Method: SM 2540C					
Total Dissolved Solids	230	mg/L	5.0	5.0	1.0

DATA REPORTING QUALIFIERS

Client: Hillsborough County

Job Number: 660-39904-1

Lab Section	Qualifier	Description
GC/MS VOA		
	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.
GC/MS Semi VOA		
	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.
Metals		
	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.
	L	Off-scale high. Actual value is known to be greater than the value given.

Morris, John R.

From: Adams, David [AdamsDS@HillsboroughCounty.ORG]
Sent: Thursday, March 24, 2011 2:22 PM
To: Morris, John R.
Subject: FW: Files from 660-39745-1 Southeast Landfill
Attachments: J39745-1 FI_L2_SmpSort Final Report.pdf

Quarterly sampling event.

2/14 & 2/15/11 I AM
LOCATIONS

EVENT #9

From: Robertson, Nancy [mailto:nancy.robertson@testamericainc.com]
Sent: Wednesday, March 09, 2011 1:11 PM
To: Adams, David; Clayton, James; Townsel, Michael
Subject: Files from 660-39745-1 Southeast Landfill

1, 22, 23-40, 66-80, 91-95, 102-104,
109-129, 132-135

NANCY ROBERTSON

TestAmerica Tampa

THE LEADER IN ENVIRONMENTAL TESTING

Tel: 813.885.7427
www.testamericainc.com

Reference: [058859]
Attachments: 1

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IDENTICAL FIELD
MEASUREMENTS
REPORTED AT TH 79 &
TH-40 (ALL 5 PARAMETERS)

ANALYTICAL REPORT

Job Number: 660-39745-1

Job Description: Southeast Landfill

For:
Hillsborough County
Solid Waste Management Department
601 East Kennedy Blvd
24th Floor County Center
Tampa, FL 33601

Attention: Mr. David S Adams



Approved for release.
Nancy Robertson
Project Manager II
3/9/2011 1:06 PM

Nancy Robertson
Project Manager II
nancy.robertson@testamericainc.com
03/09/2011

cc: Mr. Jim Clayton
Mr. Michael Townsel

Methods: FDEP, DOH Certification #: TestAmerica Tampa E84282
TestAmerica Tallahassee E81005
TestAmerica Savannah E87052
TestAmerica Orlando E83012

These test results meet all the requirements of NELAC unless specified in the case narrative. All questions regarding this test report should be directed to the TestAmerica Project Manager who signed this test report. The estimated uncertainty associated with these reported results is available upon request. The results contained in this test report relate only to these samples included herein.

TestAmerica Laboratories, Inc.

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

Tel (813) 885-7427 Fax (813) 885-7049 www.testamericainc.com



SAMPLE SUMMARY

Client: Hillsborough County

Job Number: 660-39745-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
660-39745-1	Barnes	Water	02/14/2011 1133	02/14/2011 1710
660-39745-2	Holland	Water	02/14/2011 1057	02/14/2011 1710
660-39745-3	Weeks	Water	02/14/2011 1018	02/14/2011 1710
660-39745-4	Equipment Blank	Water	02/14/2011 0955	02/14/2011 1710
660-39746-2	Surface Site 3B2B WACS# 837	Water	02/14/2011 1345	02/14/2011 1710
660-39746-3	Surface Site 3A WACS# 836	Water	02/14/2011 1535	02/14/2011 1710
660-39746-4	Mine Cut #1D WACS# 834	Water	02/14/2011 1512	02/14/2011 1710
660-39749-1	Blank, Travel 39749	Water	02/14/2011 1212	02/14/2011 1710
660-39749-3	TH-40 WACS# 822	Water	02/14/2011 1255	02/14/2011 1710
660-39749-4	TH-19 WACS# 19	Water	02/14/2011 1436	02/14/2011 1710
660-39749-5	TH-72	Water	02/14/2011 1000	02/14/2011 1710
660-39775-1	TH-71A WACS# 22960	Water	02/15/2011 1405	02/15/2011 1725
660-39775-2	TH-36-A WACS# 20329	Water	02/15/2011 1445	02/15/2011 1725
660-39775-3	TH-28A WACS# 19862	Water	02/15/2011 1054	02/15/2011 1725
660-39775-4	Blank, Equipment 39775	Water	02/15/2011 0950	02/15/2011 1725
660-39775-5	TH-57 WACS# 1570	Water	02/15/2011 1022	02/15/2011 1725
660-39775-6	Duplicate 39775	Water	02/15/2011 0000	02/15/2011 1725
660-39775-7	TH-30 WACS# 1065	Water	02/15/2011 1242	02/15/2011 1725
660-39775-8	TH-58 WACS# 1571	Water	02/15/2011 1200	02/15/2011 1725
660-39775-9	TH-73 WACS# 27754	Water	02/15/2011 1133	02/15/2011 1725
660-39775-10	SUP 2 WACS# 27756	Water	02/15/2011 1519	02/15/2011 1725
660-39775-11	SUP 1 WACS# 27755	Water	02/15/2011 1547	02/15/2011 1725
660-39775-12	TH-42 WACS# 823	Water	02/15/2011 1327	02/15/2011 1725
660-39775-13	Blank, Travel 39775	Water	02/15/2011 0945	02/15/2011 1725
660-39797-1	TH-73 2.15.11	Water	02/16/2011 1722	02/16/2011 1905
660-39797-2EB	TH-73 Equipment Blank 39797	Water	02/16/2011 1640	02/16/2011 1905
660-39798-1	TH-22A WACS# 19861	Water	02/16/2011 1024	02/16/2011 1905
660-39798-2	Blank, Equipment 39798	Water	02/16/2011 0940	02/16/2011 1905
660-39798-3	TH-66 WACS# 20531	Water	02/16/2011 1144	02/16/2011 1905
660-39798-4	TH-61A WACS# 22595	Water	02/16/2011 1340	02/16/2011 1905
660-39798-5	TH-69A WACS# 22958	Water	02/16/2011 1425	02/16/2011 1905
660-39798-6	TH-68 WACS# 22039	Water	02/16/2011 1244	02/16/2011 1905
660-39798-7	Duplicate 39798	Water	02/16/2011 0000	02/16/2011 1905
660-39798-8	TH-64 WACS# 20494	Water	02/16/2011 1319	02/16/2011 1905
660-39798-9	TH-65 WACS# 20530	Water	02/16/2011 1209	02/16/2011 1905
660-39798-10	TH-67 WACS# 20532	Water	02/16/2011 1114	02/16/2011 1905
660-39798-11	Blank, Travel 39798	Water	02/16/2011 0935	02/16/2011 1905

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Job Number: 660-39745-1

Client Sample ID: Barnes
Lab Sample ID: 660-39745-1

Date Sampled: 02/14/2011 1133
Date Received: 02/14/2011 1710
Client Matrix: Water
Percent Solids:

Analyte	Result/Qualifier	Unit	PQL	Dilution
Method: 900.0 Gross Alpha	5.4+-1.3	pCi/L	1.1	1.0
Method: 903.0 Radium-226	2.9+-0.8	pCi/L	0.6	1.0
Method: Ra-05 Radium-228	0.5+-0.8	pCi/L	1.0	1.0

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Job Number: 660-39745-1

Client Sample ID: Barnes
Lab Sample ID: 660-39745-1

Date Sampled: 02/14/2011 1133
Date Received: 02/14/2011 1710
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Method: 8260B			Date Analyzed:	02/16/2011 1427		
Prep Method: 5030B			Date Prepared:	02/16/2011 1427		
Acetone	9.9	U	ug/L	9.9	20	1.0
Acrylonitrile	1.2	U	ug/L	1.2	10	1.0
Benzene	0.50	U	ug/L	0.50	1.0	1.0
Bromochloromethane	0.58	U	ug/L	0.58	1.0	1.0
Bromodichloromethane	0.35	U	ug/L	0.35	1.0	1.0
Bromoform	0.58	U	ug/L	0.58	1.0	1.0
Bromomethane	2.5	U	ug/L	2.5	5.0	1.0
2-Butanone	8.4	U	ug/L	8.4	10	1.0
Carbon disulfide	1.0	U	ug/L	1.0	2.0	1.0
Carbon tetrachloride	0.42	U	ug/L	0.42	1.0	1.0
Chlorobenzene	0.63	U	ug/L	0.63	1.0	1.0
Chloroethane	2.5	U	ug/L	2.5	5.0	1.0
Chloroform	0.90	U	ug/L	0.90	1.0	1.0
Chloromethane	1.0	U	ug/L	1.0	4.0	1.0
cis-1,2-Dichloroethene	0.65	U	ug/L	0.65	1.0	1.0
cis-1,3-Dichloropropene	0.14	U	ug/L	0.14	1.0	1.0
Dibromochloromethane	0.34	U	ug/L	0.34	1.0	1.0
Dibromomethane	0.41	U	ug/L	0.41	1.0	1.0
1,2-Dichlorobenzene	0.44	U	ug/L	0.44	1.0	1.0
1,4-Dichlorobenzene	0.52	U	ug/L	0.52	1.0	1.0
1,1-Dichloroethane	0.52	U	ug/L	0.52	1.0	1.0
1,2-Dichloroethane	0.57	U	ug/L	0.57	1.0	1.0
1,1-Dichloroethene	0.45	U	ug/L	0.45	1.0	1.0
1,2-Dichloropropane	0.52	U	ug/L	0.52	1.0	1.0
Ethylbenzene	0.44	U	ug/L	0.44	1.0	1.0
2-Hexanone	4.4	U	ug/L	4.4	10	1.0
Iodomethane	2.5	U J3	ug/L	2.5	5.0	1.0
Methylene Chloride	4.0	U	ug/L	4.0	5.0	1.0
4-Methyl-2-pentanone	3.8	U	ug/L	3.8	10	1.0
Styrene	0.98	U	ug/L	0.98	2.0	1.0
1,1,1,2-Tetrachloroethane	0.63	U	ug/L	0.63	1.0	1.0
1,1,2,2-Tetrachloroethane	0.15	U	ug/L	0.15	1.0	1.0
Tetrachloroethene	0.50	U	ug/L	0.50	1.0	1.0
Toluene	0.51	U	ug/L	0.51	1.0	1.0
trans-1,4-Dichloro-2-butene	2.5	U	ug/L	2.5	10	1.0
trans-1,2-Dichloroethene	0.44	U	ug/L	0.44	1.0	1.0
trans-1,3-Dichloropropene	0.14	U	ug/L	0.14	1.0	1.0
1,1,1-Trichloroethane	0.46	U	ug/L	0.46	1.0	1.0
1,1,2-Trichloroethane	0.47	U	ug/L	0.47	1.0	1.0

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Job Number: 660-39745-1

Client Sample ID: Barnes
Lab Sample ID: 660-39745-1

Date Sampled: 02/14/2011 1133
Date Received: 02/14/2011 1710
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Trichloroethene	0.50	U	ug/L	0.50	1.0	1.0
Trichlorofluoromethane	2.5	U	ug/L	2.5	5.0	1.0
1,2,3-Trichloropropane	0.18	U	ug/L	0.18	1.0	1.0
Vinyl acetate	1.5	U	ug/L	1.5	10	1.0
Vinyl chloride	0.50	U	ug/L	0.50	1.0	1.0
Xylenes, Total	0.50	U	ug/L	0.50	3.0	1.0
Surrogate	Acceptance Limits					
4-Bromofluorobenzene	103		%		70 - 130	
Dibromofluoromethane	99		%		70 - 130	
Toluene-d8 (Surr)	103		%		70 - 130	
Method: 8011				Date Analyzed: 02/24/2011 2355		
Prep Method: 8011				Date Prepared: 02/24/2011 1548		
1,2-Dibromo-3-Chloropropane	0.011	U	ug/L	0.011	0.021	1.0
Ethylene Dibromide	0.011	U	ug/L	0.011	0.021	1.0
Surrogate	Acceptance Limits					
1,1,1,2-Tetrachloroethane	81		%		60 - 140	
Method: Total Recoverable-6020A				Date Analyzed: 02/26/2011 0232		
Prep Method: 3005A				Date Prepared: 02/21/2011 1227		
Antimony	2.3	U	ug/L	2.3	5.0	1.0
Arsenic	1.3	U	ug/L	1.3	2.5	1.0
Barium	5.1		ug/L	1.3	5.0	1.0
Beryllium	0.25	U	ug/L	0.25	0.50	1.0
Cadmium	0.095	U	ug/L	0.095	0.50	1.0
Chromium	2.5	U	ug/L	2.5	5.0	1.0
Cobalt	0.15	U	ug/L	0.15	0.50	1.0
Copper	1.1	U	ug/L	1.1	5.0	1.0
Iron	33	U	ug/L	33	100	1.0
Lead	1.3	I	ug/L	0.20	1.5	1.0
Nickel	2.0	U	ug/L	2.0	5.0	1.0
Selenium	1.0	U	ug/L	1.0	2.5	1.0
Silver	0.25	U	ug/L	0.25	1.0	1.0
Sodium	15		mg/L	0.25	0.50	1.0
Thallium	0.50	U	ug/L	0.50	1.0	1.0
Vanadium	3.8	U	ug/L	3.8	10	1.0
Zinc	150		ug/L	8.3	20	1.0
Method: 7470A				Date Analyzed: 02/17/2011 1841		
Prep Method: 7470A				Date Prepared: 02/17/2011 0950		
Mercury	0.091	U	ug/L	0.091	0.20	1.0

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Job Number: 660-39745-1

Client Sample ID: Barnes
Lab Sample ID: 660-39745-1

Date Sampled: 02/14/2011 1133
Date Received: 02/14/2011 1710
Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
Method: 300.0 Chloride	8.2	mg/L	0.20	0.50	1.0
Method: 350.1 Ammonia as N	0.083	mg/L	0.010	0.020	1.0
Method: 353.2 Nitrate as N	0.12 I	mg/L	0.10	0.50	1.0
Method: SM 5310C Total Organic Carbon	2.4	mg/L	0.35	1.0	1.0

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Job Number: 660-39745-1

Client Sample ID: Barnes
Lab Sample ID: 660-39745-1

Date Sampled: 02/14/2011 1133
Date Received: 02/14/2011 1710
Client Matrix: Water

Analyte	Result/Qualifier	Unit	NONE	NONE	Dilution
Method: Field Sampling		Date Analyzed:	02/14/2011 1133		
Field pH	7.41	SU			1.0
Field Temperature	21.9	Degrees C			1.0
Oxygen, Dissolved	2.85	mg/L			1.0
Specific Conductance	314	umhos/cm			1.0
Turbidity	2.30	NTU			1.0

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Job Number: 660-39745-1

Client Sample ID: Barnes
Lab Sample ID: 660-39745-1

Date Sampled: 02/14/2011 1133
Date Received: 02/14/2011 1710
Client Matrix: Water

Analyte	Result/Qualifier	Unit	PQL	PQL	Dilution
Method: SM 2540C			Date Analyzed:	02/17/2011 1524	
Total Dissolved Solids	210	mg/L	5.0	5.0	1.0
Method: SM 2540D			Date Analyzed:	02/17/2011 1638	
Total Suspended Solids	1.0 U	mg/L	1.0	1.0	1.0

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Job Number: 660-39745-1

Client Sample ID: Holland
Lab Sample ID: 660-39745-2

Date Sampled: 02/14/2011 1057
Date Received: 02/14/2011 1710
Client Matrix: Water
Percent Solids:

Analyte	Result/Qualifier	Unit	PQL	Dilution
Method: 900.0 Gross Alpha	3.6+-1.2	pCi/L	1.1	1.0
Method: 903.0 Radium-226	2.3+-0.7	pCi/L	0.5	1.0
Method: Ra-05 Radium-228	0.7+-0.7	pCi/L	1.0	1.0

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Job Number: 660-39745-1

Client Sample ID: Holland
Lab Sample ID: 660-39745-2

Date Sampled: 02/14/2011 1057
Date Received: 02/14/2011 1710
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Method: 8260B			Date Analyzed:	02/17/2011 0833		
Prep Method: 5030B			Date Prepared:	02/17/2011 0833		
Acetone	9.9	U	ug/L	9.9	20	1.0
Acrylonitrile	1.2	U	ug/L	1.2	10	1.0
Benzene	0.50	U	ug/L	0.50	1.0	1.0
Bromochloromethane	0.58	U	ug/L	0.58	1.0	1.0
Bromodichloromethane	0.35	U	ug/L	0.35	1.0	1.0
Bromoform	0.58	U	ug/L	0.58	1.0	1.0
Bromomethane	2.5	U	ug/L	2.5	5.0	1.0
2-Butanone	8.4	U	ug/L	8.4	10	1.0
Carbon disulfide	1.0	U	ug/L	1.0	2.0	1.0
Carbon tetrachloride	0.42	U	ug/L	0.42	1.0	1.0
Chlorobenzene	0.63	U	ug/L	0.63	1.0	1.0
Chloroethane	2.5	U	ug/L	2.5	5.0	1.0
Chloroform	0.90	U	ug/L	0.90	1.0	1.0
Chloromethane	1.0	U	ug/L	1.0	4.0	1.0
cis-1,2-Dichloroethene	0.65	U	ug/L	0.65	1.0	1.0
cis-1,3-Dichloropropene	0.14	U	ug/L	0.14	1.0	1.0
Dibromochloromethane	0.34	U	ug/L	0.34	1.0	1.0
Dibromomethane	0.41	U	ug/L	0.41	1.0	1.0
1,2-Dichlorobenzene	0.44	U	ug/L	0.44	1.0	1.0
1,4-Dichlorobenzene	0.52	U	ug/L	0.52	1.0	1.0
1,1-Dichloroethane	0.52	U	ug/L	0.52	1.0	1.0
1,2-Dichloroethane	0.57	U	ug/L	0.57	1.0	1.0
1,1-Dichloroethene	0.45	U	ug/L	0.45	1.0	1.0
1,2-Dichloropropane	0.52	U	ug/L	0.52	1.0	1.0
Ethylbenzene	0.44	U	ug/L	0.44	1.0	1.0
2-Hexanone	4.4	U	ug/L	4.4	10	1.0
Iodomethane	2.5	U	ug/L	2.5	5.0	1.0
Methylene Chloride	4.0	U	ug/L	4.0	5.0	1.0
4-Methyl-2-pentanone	3.8	U	ug/L	3.8	10	1.0
Styrene	0.98	U	ug/L	0.98	2.0	1.0
1,1,1,2-Tetrachloroethane	0.63	U	ug/L	0.63	1.0	1.0
1,1,2,2-Tetrachloroethane	0.15	U	ug/L	0.15	1.0	1.0
Tetrachloroethene	0.50	U	ug/L	0.50	1.0	1.0
Toluene	0.51	U	ug/L	0.51	1.0	1.0
trans-1,4-Dichloro-2-butene	2.5	U	ug/L	2.5	10	1.0
trans-1,2-Dichloroethene	0.44	U	ug/L	0.44	1.0	1.0
trans-1,3-Dichloropropene	0.14	U	ug/L	0.14	1.0	1.0
1,1,1-Trichloroethane	0.46	U	ug/L	0.46	1.0	1.0
1,1,2-Trichloroethane	0.47	U	ug/L	0.47	1.0	1.0

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Job Number: 660-39745-1

Client Sample ID: Holland
Lab Sample ID: 660-39745-2

Date Sampled: 02/14/2011 1057
Date Received: 02/14/2011 1710
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Trichloroethene	0.50	U	ug/L	0.50	1.0	1.0
Trichlorofluoromethane	2.5	U	ug/L	2.5	5.0	1.0
1,2,3-Trichloropropane	0.18	U	ug/L	0.18	1.0	1.0
Vinyl acetate	1.5	U	ug/L	1.5	10	1.0
Vinyl chloride	0.50	U	ug/L	0.50	1.0	1.0
Xylenes, Total	0.50	U	ug/L	0.50	3.0	1.0
Surrogate	Acceptance Limits					
4-Bromofluorobenzene	103		%		70 - 130	
Dibromofluoromethane	96		%		70 - 130	
Toluene-d8 (Surr)	102		%		70 - 130	
Method: 8011	Date Analyzed: 02/25/2011 0015					
Prep Method: 8011	Date Prepared: 02/24/2011 1548					
1,2-Dibromo-3-Chloropropane	0.0097	U	ug/L	0.0097	0.019	1.0
Ethylene Dibromide	0.0097	U	ug/L	0.0097	0.019	1.0
Surrogate	Acceptance Limits					
1,1,1,2-Tetrachloroethane	65		%		60 - 140	
Method: Total Recoverable-6020A	Date Analyzed: 02/26/2011 0240					
Prep Method: 3005A	Date Prepared: 02/21/2011 1227					
Antimony	2.3	U	ug/L	2.3	5.0	1.0
Arsenic	1.3	U	ug/L	1.3	2.5	1.0
Barium	4.0	I	ug/L	1.3	5.0	1.0
Beryllium	0.25	U	ug/L	0.25	0.50	1.0
Cadmium	0.095	U	ug/L	0.095	0.50	1.0
Chromium	2.5	U	ug/L	2.5	5.0	1.0
Cobalt	0.15	U	ug/L	0.15	0.50	1.0
Copper	1.1	U	ug/L	1.1	5.0	1.0
Iron	1600		ug/L	33	100	1.0
Lead	0.20	U	ug/L	0.20	1.5	1.0
Nickel	6.1		ug/L	2.0	5.0	1.0
Selenium	1.0	U	ug/L	1.0	2.5	1.0
Silver	0.25	U	ug/L	0.25	1.0	1.0
Sodium	5.4		mg/L	0.25	0.50	1.0
Thallium	0.50	U	ug/L	0.50	1.0	1.0
Vanadium	3.8	U	ug/L	3.8	10	1.0
Zinc	22		ug/L	8.3	20	1.0
Method: 7470A	Date Analyzed: 02/17/2011 1844					
Prep Method: 7470A	Date Prepared: 02/17/2011 0950					
Mercury	0.091	U	ug/L	0.091	0.20	1.0

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Job Number: 660-39745-1

Client Sample ID: Holland
Lab Sample ID: 660-39745-2

Date Sampled: 02/14/2011 1057
Date Received: 02/14/2011 1710
Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
Method: 300.0 Chloride	20	mg/L	0.20	0.50	1.0
Method: 350.1 Ammonia as N	0.016 I	mg/L	0.010	0.020	1.0
Method: 353.2 Nitrate as N	0.10 U	mg/L	0.10	0.50	1.0
Method: SM 5310C Total Organic Carbon	1.7	mg/L	0.35	1.0	1.0

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Job Number: 660-39745-1

Client Sample ID: Holland
Lab Sample ID: 660-39745-2

Date Sampled: 02/14/2011 1057
Date Received: 02/14/2011 1710
Client Matrix: Water

Analyte	Result/Qualifier	Unit	NONE	NONE	Dilution
Method: Field Sampling		Date Analyzed:	02/14/2011 1057		
Field pH	7.19	SU			1.0
Field Temperature	23.9	Degrees C			1.0
Oxygen, Dissolved	0.51	mg/L			1.0
Specific Conductance	340	umhos/cm			1.0
Turbidity	0.10	NTU			1.0

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Job Number: 660-39745-1

Client Sample ID: Holland
Lab Sample ID: 660-39745-2

Date Sampled: 02/14/2011 1057
Date Received: 02/14/2011 1710
Client Matrix: Water

Analyte	Result/Qualifier	Unit	PQL	PQL	Dilution
Method: SM 2540C			Date Analyzed:	02/17/2011 1524	
Total Dissolved Solids	210	mg/L	5.0	5.0	1.0
Method: SM 2540D			Date Analyzed:	02/17/2011 1638	
Total Suspended Solids	4.8	mg/L	1.0	1.0	1.0

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Job Number: 660-39745-1

Client Sample ID: Weeks
Lab Sample ID: 660-39745-3

Date Sampled: 02/14/2011 1018
Date Received: 02/14/2011 1710
Client Matrix: Water
Percent Solids:

Analyte	Result/Qualifier	Unit	PQL	Dilution
Method: 900.0 Gross Alpha	16.1+-2.2	pCi/L	1.3	1.0
Method: 903.0 Radium-226	12.2+-1.6	pCi/L	0.7	1.0
Method: Ra-05 Radium-228	0.0+-0.7	pCi/L	1.0	1.0

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Job Number: 660-39745-1

Client Sample ID: Weeks
Lab Sample ID: 660-39745-3

Date Sampled: 02/14/2011 1018
Date Received: 02/14/2011 1710
Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
Method: 8260B			Date Analyzed:	02/17/2011 0853	
Prep Method: 5030B			Date Prepared:	02/17/2011 0853	
Acetone	9.9 U	ug/L	9.9	20	1.0
Acrylonitrile	1.2 U	ug/L	1.2	10	1.0
Benzene	0.50 U	ug/L	0.50	1.0	1.0
Bromochloromethane	0.58 U	ug/L	0.58	1.0	1.0
Bromodichloromethane	0.35 U	ug/L	0.35	1.0	1.0
Bromoform	0.58 U	ug/L	0.58	1.0	1.0
Bromomethane	2.5 U	ug/L	2.5	5.0	1.0
2-Butanone	8.4 U	ug/L	8.4	10	1.0
Carbon disulfide	1.0 U	ug/L	1.0	2.0	1.0
Carbon tetrachloride	0.42 U J3	ug/L	0.42	1.0	1.0
Chlorobenzene	0.63 U	ug/L	0.63	1.0	1.0
Chloroethane	2.5 U	ug/L	2.5	5.0	1.0
Chloroform	0.90 U	ug/L	0.90	1.0	1.0
Chloromethane	1.0 U	ug/L	1.0	4.0	1.0
cis-1,2-Dichloroethene	0.65 U	ug/L	0.65	1.0	1.0
cis-1,3-Dichloropropene	0.14 U	ug/L	0.14	1.0	1.0
Dibromochloromethane	0.34 U	ug/L	0.34	1.0	1.0
Dibromomethane	0.41 U	ug/L	0.41	1.0	1.0
1,2-Dichlorobenzene	0.44 U	ug/L	0.44	1.0	1.0
1,4-Dichlorobenzene	0.52 U	ug/L	0.52	1.0	1.0
1,1-Dichloroethane	0.52 U	ug/L	0.52	1.0	1.0
1,2-Dichloroethane	0.57 U	ug/L	0.57	1.0	1.0
1,1-Dichloroethene	0.45 U	ug/L	0.45	1.0	1.0
1,2-Dichloropropane	0.52 U	ug/L	0.52	1.0	1.0
Ethylbenzene	0.44 U	ug/L	0.44	1.0	1.0
2-Hexanone	4.4 U	ug/L	4.4	10	1.0
Iodomethane	2.5 U	ug/L	2.5	5.0	1.0
Methylene Chloride	4.0 U	ug/L	4.0	5.0	1.0
4-Methyl-2-pentanone	3.8 U	ug/L	3.8	10	1.0
Styrene	0.98 U	ug/L	0.98	2.0	1.0
1,1,1,2-Tetrachloroethane	0.63 U	ug/L	0.63	1.0	1.0
1,1,2,2-Tetrachloroethane	0.15 U	ug/L	0.15	1.0	1.0
Tetrachloroethene	0.50 U	ug/L	0.50	1.0	1.0
Toluene	0.51 U	ug/L	0.51	1.0	1.0
trans-1,4-Dichloro-2-butene	2.5 U	ug/L	2.5	10	1.0
trans-1,2-Dichloroethene	0.44 U	ug/L	0.44	1.0	1.0
trans-1,3-Dichloropropene	0.14 U	ug/L	0.14	1.0	1.0
1,1,1-Trichloroethane	0.46 U	ug/L	0.46	1.0	1.0
1,1,2-Trichloroethane	0.47 U	ug/L	0.47	1.0	1.0

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Job Number: 660-39745-1

Client Sample ID: Weeks
Lab Sample ID: 660-39745-3

Date Sampled: 02/14/2011 1018
Date Received: 02/14/2011 1710
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Trichloroethene	0.50	U	ug/L	0.50	1.0	1.0
Trichlorofluoromethane	2.5	U	ug/L	2.5	5.0	1.0
1,2,3-Trichloropropane	0.18	U	ug/L	0.18	1.0	1.0
Vinyl acetate	1.5	U	ug/L	1.5	10	1.0
Vinyl chloride	0.50	U	ug/L	0.50	1.0	1.0
Xylenes, Total	0.50	U	ug/L	0.50	3.0	1.0
Surrogate	Acceptance Limits					
4-Bromofluorobenzene	103		%		70 - 130	
Dibromofluoromethane	97		%		70 - 130	
Toluene-d8 (Surr)	101		%		70 - 130	
Method: 8011			Date Analyzed: 02/25/2011 0036			
Prep Method: 8011			Date Prepared: 02/24/2011 1548			
1,2-Dibromo-3-Chloropropane	0.010	U	ug/L	0.010	0.020	1.0
Ethylene Dibromide	0.010	U	ug/L	0.010	0.020	1.0
Surrogate	Acceptance Limits					
1,1,1,2-Tetrachloroethane	88		%		60 - 140	
Method: Total Recoverable-6020A			Date Analyzed: 02/26/2011 0301			
Prep Method: 3005A			Date Prepared: 02/21/2011 1227			
Antimony	2.3	U	ug/L	2.3	5.0	1.0
Arsenic	3.9		ug/L	1.3	2.5	1.0
Barium	5.0		ug/L	1.3	5.0	1.0
Beryllium	0.25	U	ug/L	0.25	0.50	1.0
Cadmium	0.095	U	ug/L	0.095	0.50	1.0
Chromium	2.5	U	ug/L	2.5	5.0	1.0
Cobalt	0.15	U	ug/L	0.15	0.50	1.0
Copper	1.1	U	ug/L	1.1	5.0	1.0
Iron	490		ug/L	33	100	1.0
Lead	0.68	I	ug/L	0.20	1.5	1.0
Nickel	2.0	U	ug/L	2.0	5.0	1.0
Selenium	1.0	U	ug/L	1.0	2.5	1.0
Silver	0.25	U	ug/L	0.25	1.0	1.0
Sodium	8.6		mg/L	0.25	0.50	1.0
Thallium	0.50	U	ug/L	0.50	1.0	1.0
Vanadium	3.8	U	ug/L	3.8	10	1.0
Zinc	68		ug/L	8.3	20	1.0
Method: 7470A			Date Analyzed: 02/17/2011 1854			
Prep Method: 7470A			Date Prepared: 02/17/2011 0950			
Mercury	0.091	U	ug/L	0.091	0.20	1.0

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Job Number: 660-39745-1

Client Sample ID: Weeks
Lab Sample ID: 660-39745-3

Date Sampled: 02/14/2011 1018
Date Received: 02/14/2011 1710
Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
Method: 300.0 Chloride	39	mg/L	0.20	0.50	1.0
Method: 350.1 Ammonia as N	0.058	mg/L	0.010	0.020	1.0
Method: 353.2 Nitrate as N	0.10 U	mg/L	0.10	0.50	1.0
Method: SM 5310C Total Organic Carbon	3.0	mg/L	0.35	1.0	1.0

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Job Number: 660-39745-1

Client Sample ID: Weeks
Lab Sample ID: 660-39745-3

Date Sampled: 02/14/2011 1018
Date Received: 02/14/2011 1710
Client Matrix: Water

Analyte	Result/Qualifier	Unit	NONE	NONE	Dilution
Method: Field Sampling		Date Analyzed:	02/14/2011 1018		
Field pH	7.09	SU			1.0
Field Temperature	23.5	Degrees C			1.0
Oxygen, Dissolved	1.27	mg/L			1.0
Specific Conductance	466	umhos/cm			1.0
Turbidity	0.5	NTU			1.0

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Job Number: 660-39745-1

Client Sample ID: Weeks
Lab Sample ID: 660-39745-3

Date Sampled: 02/14/2011 1018
Date Received: 02/14/2011 1710
Client Matrix: Water

Analyte	Result/Qualifier	Unit	PQL	PQL	Dilution
Method: SM 2540C					
Total Dissolved Solids	310	mg/L	5.0	5.0	1.0
Method: SM 2540D					
Total Suspended Solids	1.0 U	mg/L	1.0	1.0	1.0

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Job Number: 660-39745-1

Client Sample ID: TH-40 WACS# 822
Lab Sample ID: 660-39749-3

Date Sampled: 02/14/2011 1255
Date Received: 02/14/2011 1710
Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
Method: 8260B			Date Analyzed: 02/17/2011 1058		
Prep Method: 5030B			Date Prepared: 02/17/2011 1058		
Acetone ✓	9.9 U	ug/L	9.9 ✓	20	1.0
Acrylonitrile ✓ <i>Palco 20</i>	1.2 U	ug/L	1.2 <i>0.06</i>	10	1.0
Benzene ✓	0.50 U	ug/L	0.50 ✓	1.0	1.0
Bromochloromethane ✓	0.58 U	ug/L	0.58 ✓	1.0	1.0
Bromodichloromethane ✓	0.35 U	ug/L	0.35 ✓	1.0	1.0
Bromoform ✓	0.58 U	ug/L	0.58 ✓	1.0	1.0
Bromomethane ✓	2.5 U	ug/L	2.5 ✓	5.0	1.0
2-Butanone ✓	8.4 U	ug/L	8.4 ✓	10	1.0
Carbon disulfide ✓	1.0 U	ug/L	1.0 ✓	2.0	1.0
Carbon tetrachloride ✓	0.42 U	ug/L	0.42 ✓	1.0	1.0
Chlorobenzene ✓	0.63 U	ug/L	0.63 ✓	1.0	1.0
Chloroethane ✓	2.5 U	ug/L	2.5 ✓	5.0	1.0
Chloromethane ✓	1.0 U	ug/L	1.0 ✓	4.0	1.0
cis-1,2-Dichloroethene ✓	0.65 U	ug/L	0.65 ✓	1.0	1.0
cis-1,3-Dichloropropene ✓	0.14 U	ug/L	0.14 ✓	1.0	1.0
Dibromochloromethane ✓	0.34 U	ug/L	0.34 ✓	1.0	1.0
Dibromomethane ✓	0.41 U	ug/L	0.41 ✓	1.0	1.0
1,2-Dichlorobenzene ✓	0.44 U	ug/L	0.44 ✓	1.0	1.0
1,4-Dichlorobenzene ✓	0.52 U	ug/L	0.52 ✓	1.0	1.0
1,1-Dichloroethane ✓	0.52 U	ug/L	0.52 ✓	1.0	1.0
1,2-Dichloroethane ✓	0.57 U	ug/L	0.57 ✓	1.0	1.0
1,1-Dichloroethene ✓	0.45 U	ug/L	0.45 ✓	1.0	1.0
1,2-Dichloropropane ✓	0.52 U	ug/L	0.52 ✓	1.0	1.0
Ethylbenzene ✓	0.44 U	ug/L	0.44 ✓	1.0	1.0
2-Hexanone ✓	4.4 U	ug/L	4.4 ✓	10	1.0
Iodomethane ✓	2.5 U	ug/L	2.5 <i>NE</i>	5.0	1.0
Methylene Chloride ✓	4.0 U	ug/L	4.0 ✓	5.0	1.0
4-Methyl-2-pentanone ✓	3.8 U	ug/L	3.8 ✓	10	1.0
Styrene ✓	0.98 U	ug/L	0.98 ✓	2.0	1.0
1,1,1,2-Tetrachloroethane ✓	0.63 U	ug/L	0.63 ✓	1.0	1.0
1,1,2,2-Tetrachloroethane ✓	0.15 U	ug/L	0.15 ✓	1.0	1.0
Tetrachloroethene ✓	0.50 U	ug/L	0.50 ✓	1.0	1.0
Toluene ✓	0.51 U	ug/L	0.51 ✓	1.0	1.0
trans-1,4-Dichloro-2-butene ✓	2.5 U	ug/L	2.5 <i>NE</i>	10	1.0
trans-1,2-Dichloroethene ✓	0.44 U	ug/L	0.44 ✓	1.0	1.0
trans-1,3-Dichloropropene ✓	0.14 U	ug/L	0.14 ✓	1.0	1.0
1,1,1-Trichloroethane ✓	0.46 U	ug/L	0.46 ✓	1.0	1.0
1,1,2-Trichloroethane ✓	0.47 U	ug/L	0.47 ✓	1.0	1.0
Trichloroethene ✓	0.50 U	ug/L	0.50 ✓	1.0	1.0

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Job Number: 660-39745-1

Client Sample ID: TH-40 WACS# 822
Lab Sample ID: 660-39749-3

Date Sampled: 02/14/2011 1255
Date Received: 02/14/2011 1710
Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
Trichlorofluoromethane /	2.5 U	ug/L	2.5 /	5.0	1.0
Trichloromethane /	0.90 U	ug/L	0.90 /	1.0	1.0
1,2,3-Trichloropropane / PQL C2 OK	0.18 U	ug/L	0.18 0.02	1.0	1.0
Vinyl acetate /	1.5 U	ug/L	1.5 /	10	1.0
Vinyl chloride /	0.50 U	ug/L	0.50 /	1.0	1.0
Xylenes, Total /	0.50 U	ug/L	0.50 /	3.0	1.0
Surrogate			Acceptance Limits		
4-Bromofluorobenzene	103	%		70 - 130	
Dibromofluoromethane	106	%		70 - 130	
Toluene-d8 (Surr)	104	%		70 - 130	
Method: 8011			Date Analyzed: 02/25/2011 0116		
Prep Method: 8011			Date Prepared: 02/24/2011 1548		
1,2-Dibromo-3-Chloropropane /	0.0098 U	ug/L	0.0098 /	0.020	1.0
Ethylene Dibromide /	0.0098 U	ug/L	0.0098 /	0.020	1.0
Surrogate			Acceptance Limits		
1,1,1,2-Tetrachloroethane	76	%		60 - 140	
Method: Total Recoverable-6020A			Date Analyzed: 02/26/2011 1554		
Prep Method: 3005A			Date Prepared: 02/23/2011 1559		
Antimony /	2.3 U	ug/L	2.3 /	5.0	1.0
Arsenic /	1.3 U	ug/L	1.3 /	2.5	1.0
Barium /	6.8	ug/L	1.3 /	5.0	1.0
Beryllium /	0.25 U	ug/L	0.25 /	0.50	1.0
Cadmium /	0.095 U	ug/L	0.095 /	0.50	1.0
Chromium /	2.5 U	ug/L	2.5 /	5.0	1.0
Cobalt /	0.15 U	ug/L	0.15 /	0.50	1.0
Copper /	1.1 U	ug/L	1.1 /	5.0	1.0
Iron /	73 I	ug/L	33 /	100	1.0
Lead /	0.24 I	ug/L	0.20 /	1.5	1.0
Nickel /	2.0 U	ug/L	2.0 /	5.0	1.0
Selenium /	1.0 U	ug/L	1.0 /	2.5	1.0
Silver /	0.25 U	ug/L	0.25 /	1.0	1.0
Sodium /	18 J3	mg/L	0.25 /	0.50	1.0
Thallium /	0.50 U	ug/L	0.50 /	1.0	1.0
Vanadium /	3.8 U	ug/L	3.8 /	10	1.0
Zinc /	8.5 I	ug/L	8.3 /	20	1.0
Method: 7470A			Date Analyzed: 02/17/2011 1831		
Prep Method: 7470A			Date Prepared: 02/17/2011 0941		
Mercury /	0.17 I	ug/L	0.091 /	0.20	1.0

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Job Number: 660-39745-1

Client Sample ID: TH-40 WACS# 822
Lab Sample ID: 660-39749-3

Date Sampled: 02/14/2011 1255
Date Received: 02/14/2011 1710
Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
Method: 300.0 Chloride /	8.2	mg/L	0.20 /	0.50	1.0
Method: 350.1 Ammonia as N /	0.38	mg/L	0.010 /	0.020	1.0
Method: 353.2 Nitrate as N /	0.10 U	mg/L	0.10 /	0.50	1.0

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Job Number: 660-39745-1

Client Sample ID: TH-40 WACS# 822

Lab Sample ID: 660-39749-3

Date Sampled: 02/14/2011 1255

Date Received: 02/14/2011 1710

Client Matrix: Water

Analyte	Result/Qualifier	Unit	NONE	NONE	Dilution
Method: Field Sampling		Date Analyzed:	02/14/2011 1255		
Field pH	7.58	SU			1.0
Field Temperature	23.2	Degrees C			1.0
Oxygen, Dissolved	0.92	mg/L			1.0
Specific Conductance	325	umhos/cm			1.0
Turbidity	0.50	NTU			1.0

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Job Number: 660-39745-1

Client Sample ID: TH-40 WACS# 822
Lab Sample ID: 660-39749-3

Date Sampled: 02/14/2011 1255
Date Received: 02/14/2011 1710
Client Matrix: Water

Analyte	Result/Qualifier	Unit	PQL	PQL	Dilution
Method: SM 2540C Total Dissolved Solids /	230	mg/L	5.0 /	5.0	1.0

Date Analyzed: 02/17/2011 1527

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Job Number: 660-39745-1

Client Sample ID: TH-19 WACS# 19
Lab Sample ID: 660-39749-4

Date Sampled: 02/14/2011 1436
Date Received: 02/14/2011 1710
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Method: 8260B			Date Analyzed:	02/17/2011 1119		
Prep Method: 5030B			Date Prepared:	02/17/2011 1119		
Acetone	9.9	U	ug/L	9.9	20	1.0
Acrylonitrile	1.2	U	ug/L	1.2	10	1.0
Benzene	0.50	U	ug/L	0.50	1.0	1.0
Bromochloromethane	0.58	U	ug/L	0.58	1.0	1.0
Bromodichloromethane	0.35	U	ug/L	0.35	1.0	1.0
Bromoform	0.58	U	ug/L	0.58	1.0	1.0
Bromomethane	2.5	U	ug/L	2.5	5.0	1.0
2-Butanone	8.4	U	ug/L	8.4	10	1.0
Carbon disulfide	1.0	U	ug/L	1.0	2.0	1.0
Carbon tetrachloride	0.42	U	ug/L	0.42	1.0	1.0
Chlorobenzene	0.63	U	ug/L	0.63	1.0	1.0
Chloroethane	2.5	U	ug/L	2.5	5.0	1.0
Chloromethane	1.0	U	ug/L	1.0	4.0	1.0
cis-1,2-Dichloroethene	0.65	U	ug/L	0.65	1.0	1.0
cis-1,3-Dichloropropene	0.14	U	ug/L	0.14	1.0	1.0
Dibromochloromethane	0.34	U	ug/L	0.34	1.0	1.0
Dibromomethane	0.41	U	ug/L	0.41	1.0	1.0
1,2-Dichlorobenzene	0.44	U	ug/L	0.44	1.0	1.0
1,4-Dichlorobenzene	0.52	U	ug/L	0.52	1.0	1.0
1,1-Dichloroethane	0.52	U	ug/L	0.52	1.0	1.0
1,2-Dichloroethane	0.57	U	ug/L	0.57	1.0	1.0
1,1-Dichloroethene	0.45	U	ug/L	0.45	1.0	1.0
1,2-Dichloropropane	0.52	U	ug/L	0.52	1.0	1.0
Ethylbenzene	0.44	U	ug/L	0.44	1.0	1.0
2-Hexanone	4.4	U	ug/L	4.4	10	1.0
Iodomethane	2.5	U	ug/L	2.5	5.0	1.0
Methylene Chloride	4.0	U	ug/L	4.0	5.0	1.0
4-Methyl-2-pentanone	3.8	U	ug/L	3.8	10	1.0
Styrene	0.98	U	ug/L	0.98	2.0	1.0
1,1,1,2-Tetrachloroethane	0.63	U	ug/L	0.63	1.0	1.0
1,1,2,2-Tetrachloroethane	0.15	U	ug/L	0.15	1.0	1.0
Tetrachloroethene	0.50	U	ug/L	0.50	1.0	1.0
Toluene	0.51	U	ug/L	0.51	1.0	1.0
trans-1,4-Dichloro-2-butene	2.5	U	ug/L	2.5	10	1.0
trans-1,2-Dichloroethene	0.44	U	ug/L	0.44	1.0	1.0
trans-1,3-Dichloropropene	0.14	U	ug/L	0.14	1.0	1.0
1,1,1-Trichloroethane	0.46	U	ug/L	0.46	1.0	1.0
1,1,2-Trichloroethane	0.47	U	ug/L	0.47	1.0	1.0
Trichloroethene	0.50	U	ug/L	0.50	1.0	1.0

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Job Number: 660-39745-1

Client Sample ID: TH-19 WACS# 19
Lab Sample ID: 660-39749-4

Date Sampled: 02/14/2011 1436
Date Received: 02/14/2011 1710
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Trichlorofluoromethane	2.5	U	ug/L	2.5	5.0	1.0
Trichloromethane	0.90	U	ug/L	0.90	1.0	1.0
1,2,3-Trichloropropane	0.18	U	ug/L	0.18	1.0	1.0
Vinyl acetate	1.5	U	ug/L	1.5	10	1.0
Vinyl chloride	0.50	U	ug/L	0.50	1.0	1.0
Xylenes, Total	0.50	U	ug/L	0.50	3.0	1.0
Surrogate	Acceptance Limits					
4-Bromofluorobenzene	102		%		70 - 130	
Dibromofluoromethane	103		%		70 - 130	
Toluene-d8 (Surr)	105		%		70 - 130	
Method: 8011	Date Analyzed: 02/25/2011 0137					
Prep Method: 8011	Date Prepared: 02/24/2011 1548					
1,2-Dibromo-3-Chloropropane	0.010	U	ug/L	0.010	0.021	1.0
Ethylene Dibromide	0.010	U	ug/L	0.010	0.021	1.0
Surrogate	Acceptance Limits					
1,1,1,2-Tetrachloroethane	84		%		60 - 140	
Method: Total Recoverable-6020A	Date Analyzed: 02/26/2011 1613					
Prep Method: 3005A	Date Prepared: 02/23/2011 1559					
Antimony	2.3	U	ug/L	2.3	5.0	1.0
Arsenic	1.3	U	ug/L	1.3	2.5	1.0
Barium	5.8		ug/L	1.3	5.0	1.0
Beryllium	0.25	U	ug/L	0.25	0.50	1.0
Cadmium	0.095	U	ug/L	0.095	0.50	1.0
Chromium	2.5	U	ug/L	2.5	5.0	1.0
Cobalt	0.15	U	ug/L	0.15	0.50	1.0
Copper	1.1	U	ug/L	1.1	5.0	1.0
Iron	33	I	ug/L	33	100	1.0
Lead	0.20	I	ug/L	0.20	1.5	1.0
Nickel	2.0	U	ug/L	2.0	5.0	1.0
Selenium	1.0	U	ug/L	1.0	2.5	1.0
Silver	0.25	U	ug/L	0.25	1.0	1.0
Sodium	15		mg/L	0.25	0.50	1.0
Thallium	0.50	U	ug/L	0.50	1.0	1.0
Vanadium	3.8	U	ug/L	3.8	10	1.0
Zinc	8.3	U	ug/L	8.3	20	1.0
Method: 7470A	Date Analyzed: 02/17/2011 1834					
Prep Method: 7470A	Date Prepared: 02/17/2011 0941					
Mercury	0.091	U	ug/L	0.091	0.20	1.0

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Job Number: 660-39745-1

Client Sample ID: TH-19 WACS# 19
Lab Sample ID: 660-39749-4

Date Sampled: 02/14/2011 1436
Date Received: 02/14/2011 1710
Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
Method: 300.0 Chloride	8.4	mg/L	0.20	0.50	1.0
Method: 350.1 Ammonia as N	0.25	mg/L	0.010	0.020	1.0
Method: 353.2 Nitrate as N	0.10 U	mg/L	0.10	0.50	1.0

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Job Number: 660-39745-1

Client Sample ID: TH-19 WACS# 19
Lab Sample ID: 660-39749-4

Date Sampled: 02/14/2011 1436
Date Received: 02/14/2011 1710
Client Matrix: Water

Analyte	Result/Qualifier	Unit	NONE	NONE	Dilution
Method: Field Sampling		Date Analyzed:	02/14/2011 1436		
Field pH	7.58	SU			1.0
Field Temperature	23.2	Degrees C			1.0
Oxygen, Dissolved	0.92	mg/L			1.0
Specific Conductance	325	umhos/cm			1.0
Turbidity	0.50	NTU			1.0

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Job Number: 660-39745-1

Client Sample ID: TH-19 WACS# 19
Lab Sample ID: 660-39749-4

Date Sampled: 02/14/2011 1436
Date Received: 02/14/2011 1710
Client Matrix: Water

Analyte	Result/Qualifier	Unit	PQL	PQL	Dilution
Method: SM 2540C			Date Analyzed:	02/17/2011 1528	
Total Dissolved Solids	240	mg/L	5.0	5.0	1.0

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Job Number: 660-39745-1

Client Sample ID: TH-72
Lab Sample ID: 660-39749-5

Date Sampled: 02/14/2011 1000
Date Received: 02/14/2011 1710
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Method: 8260B			Date Analyzed:		02/17/2011 1139	
Prep Method: 5030B			Date Prepared:		02/17/2011 1139	
Acetone	9.9	U	ug/L	9.9	20	1.0
Acrylonitrile	1.2	U	ug/L	1.2	10	1.0
Benzene	0.50	U	ug/L	0.50	1.0	1.0
Bromochloromethane	0.58	U	ug/L	0.58	1.0	1.0
Bromodichloromethane	0.35	U	ug/L	0.35	1.0	1.0
Bromoform	0.58	U	ug/L	0.58	1.0	1.0
Bromomethane	2.5	U	ug/L	2.5	5.0	1.0
2-Butanone	8.4	U	ug/L	8.4	10	1.0
Carbon disulfide	1.0	U	ug/L	1.0	2.0	1.0
Carbon tetrachloride	0.42	U	ug/L	0.42	1.0	1.0
Chlorobenzene	0.63	U	ug/L	0.63	1.0	1.0
Chloroethane	2.5	U	ug/L	2.5	5.0	1.0
Chloromethane	1.0	U	ug/L	1.0	4.0	1.0
cis-1,2-Dichloroethene	0.65	U	ug/L	0.65	1.0	1.0
cis-1,3-Dichloropropene	0.14	U	ug/L	0.14	1.0	1.0
Dibromochloromethane	0.34	U	ug/L	0.34	1.0	1.0
Dibromomethane	0.41	U	ug/L	0.41	1.0	1.0
1,2-Dichlorobenzene	0.44	U	ug/L	0.44	1.0	1.0
1,4-Dichlorobenzene	0.52	U	ug/L	0.52	1.0	1.0
1,1-Dichloroethane	0.52	U	ug/L	0.52	1.0	1.0
1,2-Dichloroethane	0.57	U	ug/L	0.57	1.0	1.0
1,1-Dichloroethene	0.45	U	ug/L	0.45	1.0	1.0
1,2-Dichloropropane	0.52	U	ug/L	0.52	1.0	1.0
Ethylbenzene	0.44	U	ug/L	0.44	1.0	1.0
2-Hexanone	4.4	U	ug/L	4.4	10	1.0
Iodomethane	2.5	U	ug/L	2.5	5.0	1.0
Methylene Chloride	4.0	U	ug/L	4.0	5.0	1.0
4-Methyl-2-pentanone	3.8	U	ug/L	3.8	10	1.0
Styrene	0.98	U	ug/L	0.98	2.0	1.0
1,1,1,2-Tetrachloroethane	0.63	U	ug/L	0.63	1.0	1.0
1,1,2,2-Tetrachloroethane	0.15	U	ug/L	0.15	1.0	1.0
Tetrachloroethene	0.50	U	ug/L	0.50	1.0	1.0
Toluene	0.51	U	ug/L	0.51	1.0	1.0
trans-1,4-Dichloro-2-butene	2.5	U	ug/L	2.5	10	1.0
trans-1,2-Dichloroethene	0.44	U	ug/L	0.44	1.0	1.0
trans-1,3-Dichloropropene	0.14	U	ug/L	0.14	1.0	1.0
1,1,1-Trichloroethane	0.46	U	ug/L	0.46	1.0	1.0
1,1,2-Trichloroethane	0.47	U	ug/L	0.47	1.0	1.0
Trichloroethene	0.50	U	ug/L	0.50	1.0	1.0

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Job Number: 660-39745-1

Client Sample ID: TH-72
Lab Sample ID: 660-39749-5

Date Sampled: 02/14/2011 1000
Date Received: 02/14/2011 1710
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Trichlorofluoromethane	2.5	U	ug/L	2.5	5.0	1.0
Trichloromethane	0.90	U	ug/L	0.90	1.0	1.0
1,2,3-Trichloropropane	0.18	U	ug/L	0.18	1.0	1.0
Vinyl acetate	1.5	U	ug/L	1.5	10	1.0
Vinyl chloride	0.50	U	ug/L	0.50	1.0	1.0
Xylenes, Total	0.50	U	ug/L	0.50	3.0	1.0
Surrogate	Acceptance Limits					
4-Bromofluorobenzene	103		%		70 - 130	
Dibromofluoromethane	103		%		70 - 130	
Toluene-d8 (Surr)	104		%		70 - 130	
Method: 8011				Date Analyzed: 02/25/2011 0239		
Prep Method: 8011				Date Prepared: 02/24/2011 1548		
1,2-Dibromo-3-Chloropropane	0.010	U	ug/L	0.010	0.020	1.0
Ethylene Dibromide	0.010	U	ug/L	0.010	0.020	1.0
Surrogate	Acceptance Limits					
1,1,1,2-Tetrachloroethane	76		%		60 - 140	
Method: Total Recoverable-6020A				Date Analyzed: 02/26/2011 1616		
Prep Method: 3005A				Date Prepared: 02/23/2011 1559		
Antimony	2.3	U	ug/L	2.3	5.0	1.0
Arsenic	1.3	U	ug/L	1.3	2.5	1.0
Barium	11		ug/L	1.3	5.0	1.0
Beryllium	0.25	U	ug/L	0.25	0.50	1.0
Cadmium	0.095	U	ug/L	0.095	0.50	1.0
Chromium	2.5	U	ug/L	2.5	5.0	1.0
Cobalt	0.15	U	ug/L	0.15	0.50	1.0
Copper	1.6	I	ug/L	1.1	5.0	1.0
Iron	580		ug/L	33	100	1.0
Lead	0.20	U	ug/L	0.20	1.5	1.0
Nickel	2.0	U	ug/L	2.0	5.0	1.0
Selenium	1.0	U	ug/L	1.0	2.5	1.0
Silver	0.25	U	ug/L	0.25	1.0	1.0
Sodium	32		mg/L	0.25	0.50	1.0
Thallium	0.50	U	ug/L	0.50	1.0	1.0
Vanadium	3.8	U	ug/L	3.8	10	1.0
Zinc	8.3	U	ug/L	8.3	20	1.0
Method: 7470A				Date Analyzed: 02/17/2011 1837		
Prep Method: 7470A				Date Prepared: 02/17/2011 0941		
Mercury	0.091	U	ug/L	0.091	0.20	1.0

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Job Number: 660-39745-1

Client Sample ID: TH-72
Lab Sample ID: 660-39749-5

Date Sampled: 02/14/2011 1000
Date Received: 02/14/2011 1710
Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
Method: 300.0 Chloride	32	mg/L	0.20	0.50	1.0
Method: 350.1 Ammonia as N	0.24	mg/L	0.010	0.020	1.0
Method: 353.2 Nitrate as N	0.10 U	mg/L	0.10	0.50	1.0

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Job Number: 660-39745-1

Client Sample ID: TH-72
Lab Sample ID: 660-39749-5

Date Sampled: 02/14/2011 1000
Date Received: 02/14/2011 1710
Client Matrix: Water

Analyte	Result/Qualifier	Unit	NONE	NONE	Dilution
Method: Field Sampling		Date Analyzed:	02/14/2011 1000		
Field pH	7.36	SU			1.0
Field Temperature	22.7	Degrees C			1.0
Oxygen, Dissolved	1.15	mg/L			1.0
Specific Conductance	483	umhos/cm			1.0
Turbidity	3.5	NTU			1.0

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Job Number: 660-39745-1

Client Sample ID: TH-72
Lab Sample ID: 660-39749-5

Date Sampled: 02/14/2011 1000
Date Received: 02/14/2011 1710
Client Matrix: Water

Analyte	Result/Qualifier	Unit	PQL	PQL	Dilution
Method: SM 2540C			Date Analyzed:	02/17/2011 1528	
Total Dissolved Solids	320	mg/L	5.0	5.0	1.0

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Job Number: 660-39745-1

Client Sample ID: TH-28A WACS# 19862
Lab Sample ID: 660-39775-3

Date Sampled: 02/15/2011 1054
Date Received: 02/15/2011 1725
Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
Method: 8260B			Date Analyzed:	02/18/2011 1129	
Prep Method: 5030B			Date Prepared:	02/18/2011 1129	
Acetone	9.9 U J3	ug/L	9.9	20	1.0
Acrylonitrile	1.2 U	ug/L	1.2	10	1.0
Benzene	0.50 U	ug/L	0.50	1.0	1.0
Bromochloromethane	0.58 U	ug/L	0.58	1.0	1.0
Bromodichloromethane	0.35 U	ug/L	0.35	1.0	1.0
Bromoform	0.58 U	ug/L	0.58	1.0	1.0
Bromomethane	2.5 U	ug/L	2.5	5.0	1.0
2-Butanone	8.4 U J3	ug/L	8.4	10	1.0
Carbon disulfide	1.0 U	ug/L	1.0	2.0	1.0
Carbon tetrachloride	0.42 U	ug/L	0.42	1.0	1.0
Chlorobenzene	0.63 U	ug/L	0.63	1.0	1.0
Chloroethane	2.5 U	ug/L	2.5	5.0	1.0
Chloromethane	1.0 U	ug/L	1.0	4.0	1.0
cis-1,2-Dichloroethene	0.65 U	ug/L	0.65	1.0	1.0
cis-1,3-Dichloropropene	0.14 U	ug/L	0.14	1.0	1.0
Dibromochloromethane	0.34 U	ug/L	0.34	1.0	1.0
Dibromomethane	0.41 U	ug/L	0.41	1.0	1.0
1,2-Dichlorobenzene	0.44 U	ug/L	0.44	1.0	1.0
1,4-Dichlorobenzene	0.52 U	ug/L	0.52	1.0	1.0
1,1-Dichloroethane	0.52 U	ug/L	0.52	1.0	1.0
1,2-Dichloroethane	0.57 U	ug/L	0.57	1.0	1.0
1,1-Dichloroethene	0.45 U	ug/L	0.45	1.0	1.0
1,2-Dichloropropane	0.52 U	ug/L	0.52	1.0	1.0
Ethylbenzene	0.44 U	ug/L	0.44	1.0	1.0
2-Hexanone	4.4 U	ug/L	4.4	10	1.0
Iodomethane	2.5 U	ug/L	2.5	5.0	1.0
Methylene Chloride	4.0 U	ug/L	4.0	5.0	1.0
4-Methyl-2-pentanone	3.8 U	ug/L	3.8	10	1.0
Styrene	0.98 U	ug/L	0.98	2.0	1.0
1,1,1,2-Tetrachloroethane	0.63 U	ug/L	0.63	1.0	1.0
1,1,2,2-Tetrachloroethane	0.15 U	ug/L	0.15	1.0	1.0
Tetrachloroethene	0.50 U	ug/L	0.50	1.0	1.0
Toluene	0.51 U	ug/L	0.51	1.0	1.0
trans-1,4-Dichloro-2-butene	2.5 U	ug/L	2.5	10	1.0
trans-1,2-Dichloroethene	0.44 U	ug/L	0.44	1.0	1.0
trans-1,3-Dichloropropene	0.14 U	ug/L	0.14	1.0	1.0
1,1,1-Trichloroethane	0.46 U	ug/L	0.46	1.0	1.0
1,1,2-Trichloroethane	0.47 U	ug/L	0.47	1.0	1.0
Trichloroethene	0.50 U	ug/L	0.50	1.0	1.0

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Job Number: 660-39745-1

Client Sample ID: TH-28A WACS# 19862
Lab Sample ID: 660-39775-3

Date Sampled: 02/15/2011 1054
Date Received: 02/15/2011 1725
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Trichlorofluoromethane	2.5	U	ug/L	2.5	5.0	1.0
Trichloromethane	0.90	U	ug/L	0.90	1.0	1.0
1,2,3-Trichloropropane	0.18	U	ug/L	0.18	1.0	1.0
Vinyl acetate	1.5	U	ug/L	1.5	10	1.0
Vinyl chloride	0.50	U	ug/L	0.50	1.0	1.0
Xylenes, Total	0.50	U	ug/L	0.50	3.0	1.0
Surrogate	Acceptance Limits					
4-Bromofluorobenzene	105		%		70 - 130	
Dibromofluoromethane	101		%		70 - 130	
Toluene-d8 (Surr)	101		%		70 - 130	
Method: 8011			Date Analyzed: 02/25/2011 0924			
Prep Method: 8011			Date Prepared: 02/24/2011 1548			
1,2-Dibromo-3-Chloropropane	0.010	U	ug/L	0.010	0.020	1.0
Ethylene Dibromide	0.010	U	ug/L	0.010	0.020	1.0
Surrogate	Acceptance Limits					
1,1,1,2-Tetrachloroethane	88		%		60 - 140	
Method: Total Recoverable-6020A			Date Analyzed: 02/26/2011 1635			
Prep Method: 3005A			Date Prepared: 02/23/2011 1559			
Antimony	2.3	U	ug/L	2.3	5.0	1.0
Arsenic	2.2	I	ug/L	1.3	2.5	1.0
Barium	1.7	I	ug/L	1.3	5.0	1.0
Beryllium	0.25	U	ug/L	0.25	0.50	1.0
Cadmium	0.095	U	ug/L	0.095	0.50	1.0
Chromium	2.5	U	ug/L	2.5	5.0	1.0
Cobalt	0.46	I	ug/L	0.15	0.50	1.0
Copper	1.1	U	ug/L	1.1	5.0	1.0
Iron	2500		ug/L	33	100	1.0
Lead	0.20	U	ug/L	0.20	1.5	1.0
Nickel	2.0	U	ug/L	2.0	5.0	1.0
Selenium	1.0	U	ug/L	1.0	2.5	1.0
Silver	0.25	U	ug/L	0.25	1.0	1.0
Sodium	18		mg/L	0.25	0.50	1.0
Thallium	0.50	U	ug/L	0.50	1.0	1.0
Vanadium	3.8	U	ug/L	3.8	10	1.0
Zinc	8.3	U	ug/L	8.3	20	1.0
Method: 7470A			Date Analyzed: 02/23/2011 1304			
Prep Method: 7470A			Date Prepared: 02/22/2011 1444			
Mercury	0.091	U	ug/L	0.091	0.20	1.0

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Job Number: 660-39745-1

Client Sample ID: TH-28A WACS# 19862

Lab Sample ID: 660-39775-3

Date Sampled: 02/15/2011 1054

Date Received: 02/15/2011 1725

Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
Method: 300.0 Chloride	46 J3	mg/L	0.20	0.50	1.0
Method: 350.1 Ammonia as N	1.2	mg/L	0.010	0.020	1.0
Method: 353.2 Nitrate as N	0.10 U	mg/L	0.10	0.50	1.0

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Job Number: 660-39745-1

Client Sample ID: TH-28A WACS# 19862
Lab Sample ID: 660-39775-3

Date Sampled: 02/15/2011 1054
Date Received: 02/15/2011 1725
Client Matrix: Water

Analyte	Result/Qualifier	Unit	NONE	NONE	Dilution
Method: Field Sampling		Date Analyzed:	02/15/2011 1054		
Field pH	5.14	SU			1.0
Field Temperature	25.2	Degrees C			1.0
Oxygen, Dissolved	0.84	mg/L			1.0
Specific Conductance	183	umhos/cm			1.0
Turbidity	0.90	NTU			1.0

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Job Number: 660-39745-1

Client Sample ID: TH-28A WACS# 19862
Lab Sample ID: 660-39775-3

Date Sampled: 02/15/2011 1054
Date Received: 02/15/2011 1725
Client Matrix: Water

Analyte	Result/Qualifier	Unit	PQL	PQL	Dilution
Method: SM 2540C			Date Analyzed:	02/18/2011 1502	
Total Dissolved Solids	120	mg/L	5.0	5.0	1.0

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Job Number: 660-39745-1

Client Sample ID: TH-57 WACS# 1570
Lab Sample ID: 660-39775-5

Date Sampled: 02/15/2011 1022
Date Received: 02/15/2011 1725
Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
Method: 8260B			Date Analyzed:	02/18/2011 1149	
Prep Method: 5030B			Date Prepared:	02/18/2011 1149	
Acetone	9.9 U J3	ug/L	9.9	20	1.0
Acrylonitrile	1.2 U	ug/L	1.2	10	1.0
Benzene	0.50 U	ug/L	0.50	1.0	1.0
Bromochloromethane	0.58 U	ug/L	0.58	1.0	1.0
Bromodichloromethane	0.35 U	ug/L	0.35	1.0	1.0
Bromoform	0.58 U	ug/L	0.58	1.0	1.0
Bromomethane	2.5 U	ug/L	2.5	5.0	1.0
2-Butanone	8.4 U J3	ug/L	8.4	10	1.0
Carbon disulfide	1.0 U	ug/L	1.0	2.0	1.0
Carbon tetrachloride	0.42 U	ug/L	0.42	1.0	1.0
Chlorobenzene	0.63 U	ug/L	0.63	1.0	1.0
Chloroethane	2.5 U	ug/L	2.5	5.0	1.0
Chloromethane	1.0 U	ug/L	1.0	4.0	1.0
cis-1,2-Dichloroethene	0.65 U	ug/L	0.65	1.0	1.0
cis-1,3-Dichloropropene	0.14 U	ug/L	0.14	1.0	1.0
Dibromochloromethane	0.34 U	ug/L	0.34	1.0	1.0
Dibromomethane	0.41 U	ug/L	0.41	1.0	1.0
1,2-Dichlorobenzene	0.44 U	ug/L	0.44	1.0	1.0
1,4-Dichlorobenzene	0.52 U	ug/L	0.52	1.0	1.0
1,1-Dichloroethane	0.52 U	ug/L	0.52	1.0	1.0
1,2-Dichloroethane	0.57 U	ug/L	0.57	1.0	1.0
1,1-Dichloroethene	0.45 U	ug/L	0.45	1.0	1.0
1,2-Dichloropropane	0.52 U	ug/L	0.52	1.0	1.0
Ethylbenzene	0.44 U	ug/L	0.44	1.0	1.0
2-Hexanone	4.4 U	ug/L	4.4	10	1.0
Iodomethane	2.5 U	ug/L	2.5	5.0	1.0
Methylene Chloride	4.0 U	ug/L	4.0	5.0	1.0
4-Methyl-2-pentanone	3.8 U	ug/L	3.8	10	1.0
Styrene	0.98 U	ug/L	0.98	2.0	1.0
1,1,1,2-Tetrachloroethane	0.63 U	ug/L	0.63	1.0	1.0
1,1,2,2-Tetrachloroethane	0.15 U	ug/L	0.15	1.0	1.0
Tetrachloroethene	0.50 U	ug/L	0.50	1.0	1.0
Toluene	0.51 U	ug/L	0.51	1.0	1.0
trans-1,4-Dichloro-2-butene	2.5 U	ug/L	2.5	10	1.0
trans-1,2-Dichloroethene	0.44 U	ug/L	0.44	1.0	1.0
trans-1,3-Dichloropropene	0.14 U	ug/L	0.14	1.0	1.0
1,1,1-Trichloroethane	0.46 U	ug/L	0.46	1.0	1.0
1,1,2-Trichloroethane	0.47 U	ug/L	0.47	1.0	1.0
Trichloroethene	0.50 U	ug/L	0.50	1.0	1.0

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Job Number: 660-39745-1

Client Sample ID: TH-57 WACS# 1570
Lab Sample ID: 660-39775-5

Date Sampled: 02/15/2011 1022
Date Received: 02/15/2011 1725
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Trichlorofluoromethane	2.5	U	ug/L	2.5	5.0	1.0
Trichloromethane	0.90	U	ug/L	0.90	1.0	1.0
1,2,3-Trichloropropane	0.18	U	ug/L	0.18	1.0	1.0
Vinyl acetate	1.5	U	ug/L	1.5	10	1.0
Vinyl chloride	0.50	U	ug/L	0.50	1.0	1.0
Xylenes, Total	0.50	U	ug/L	0.50	3.0	1.0
Surrogate	Acceptance Limits					
4-Bromofluorobenzene	105		%		70 - 130	
Dibromofluoromethane	102		%		70 - 130	
Toluene-d8 (Surr)	103		%		70 - 130	
Method: 8011			Date Analyzed: 02/25/2011 1141			
Prep Method: 8011			Date Prepared: 02/24/2011 1548			
1,2-Dibromo-3-Chloropropane	0.010	U	ug/L	0.010	0.021	1.0
Ethylene Dibromide	0.010	U	ug/L	0.010	0.021	1.0
Surrogate	Acceptance Limits					
1,1,1,2-Tetrachloroethane	92		%		60 - 140	
Method: Total Recoverable-6020A			Date Analyzed: 02/26/2011 1643			
Prep Method: 3005A			Date Prepared: 02/23/2011 1559			
Antimony	2.3	U	ug/L	2.3	5.0	1.0
Arsenic	1.3	U	ug/L	1.3	2.5	1.0
Barium	6.9		ug/L	1.3	5.0	1.0
Beryllium	0.25	U	ug/L	0.25	0.50	1.0
Cadmium	0.095	U	ug/L	0.095	0.50	1.0
Chromium	2.5	U	ug/L	2.5	5.0	1.0
Cobalt	0.15	U	ug/L	0.15	0.50	1.0
Copper	1.1	U	ug/L	1.1	5.0	1.0
Iron	510		ug/L	33	100	1.0
Lead	0.20	U	ug/L	0.20	1.5	1.0
Nickel	2.0	U	ug/L	2.0	5.0	1.0
Selenium	1.0	U	ug/L	1.0	2.5	1.0
Silver	0.25	U	ug/L	0.25	1.0	1.0
Sodium	13		mg/L	0.25	0.50	1.0
Thallium	0.50	U	ug/L	0.50	1.0	1.0
Vanadium	3.8	U	ug/L	3.8	10	1.0
Zinc	8.3	U	ug/L	8.3	20	1.0
Method: 7470A			Date Analyzed: 02/23/2011 1310			
Prep Method: 7470A			Date Prepared: 02/22/2011 1444			
Mercury	0.091	U	ug/L	0.091	0.20	1.0

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Job Number: 660-39745-1

Client Sample ID: TH-57 WACS# 1570
Lab Sample ID: 660-39775-5

Date Sampled: 02/15/2011 1022
Date Received: 02/15/2011 1725
Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
Method: 300.0 Chloride	37	mg/L	0.20	0.50	1.0
Method: 350.1 Ammonia as N	1.0	mg/L	0.010	0.020	1.0
Method: 353.2 Nitrate as N	0.10 U	mg/L	0.10	0.50	1.0

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Job Number: 660-39745-1

Client Sample ID: TH-57 WACS# 1570
Lab Sample ID: 660-39775-5

Date Sampled: 02/15/2011 1022
Date Received: 02/15/2011 1725
Client Matrix: Water

Analyte	Result/Qualifier	Unit	NONE	NONE	Dilution
Method: Field Sampling		Date Analyzed:	02/15/2011 1022		
Field pH	5.24	SU			1.0
Field Temperature	25.9	Degrees C			1.0
Oxygen, Dissolved	0.50	mg/L			1.0
Specific Conductance	152	umhos/cm			1.0
Turbidity	0.20	NTU			1.0

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Job Number: 660-39745-1

Client Sample ID: TH-57 WACS# 1570
Lab Sample ID: 660-39775-5

Date Sampled: 02/15/2011 1022
Date Received: 02/15/2011 1725
Client Matrix: Water

Analyte	Result/Qualifier	Unit	PQL	PQL	Dilution
Method: SM 2540C			Date Analyzed:	02/18/2011 1503	
Total Dissolved Solids	98	mg/L	5.0	5.0	1.0

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Job Number: 660-39745-1

Client Sample ID: TH-30 WACS# 1065
Lab Sample ID: 660-39775-7

Date Sampled: 02/15/2011 1242
Date Received: 02/15/2011 1725
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Method: Total Recoverable-6010B			Date Analyzed:	02/18/2011 0917		
Prep Method: 3005A			Date Prepared:	02/17/2011 0856		
Arsenic	4.0	U	ug/L	4.0	10	1.0
Cadmium	1.0	U	ug/L	1.0	4.0	1.0
Chromium	2.0	U	ug/L	2.0	10	1.0
Iron	200		ug/L	50	200	1.0
Lead	2.0	U	ug/L	2.0	10	1.0
Sodium	20		mg/L	0.31	0.50	1.0
Method: 300.0			Date Analyzed:	02/28/2011 1524		
Chloride	57		mg/L	0.40	1.0	2.0
Method: 350.1			Date Analyzed:	02/28/2011 1336		
Ammonia as N	1.0		mg/L	0.010	0.020	1.0

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Job Number: 660-39745-1

Client Sample ID: TH-30 WACS# 1065
Lab Sample ID: 660-39775-7

Date Sampled: 02/15/2011 1242
Date Received: 02/15/2011 1725
Client Matrix: Water

Analyte	Result/Qualifier	Unit	NONE	NONE	Dilution
Method: Field Sampling		Date Analyzed:	02/15/2011 1242		
Field pH	4.45	SU			1.0
Field Temperature	23.7	Degrees C			1.0
Oxygen, Dissolved	0.30	mg/L			1.0
Specific Conductance	192	umhos/cm			1.0
Turbidity	1.80	NTU			1.0

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Job Number: 660-39745-1

Client Sample ID: TH-30 WACS# 1065
Lab Sample ID: 660-39775-7

Date Sampled: 02/15/2011 1242
Date Received: 02/15/2011 1725
Client Matrix: Water

Analyte	Result/Qualifier	Unit	PQL	PQL	Dilution
Method: SM 2540C			Date Analyzed: 02/18/2011 1504		
Total Dissolved Solids	150	mg/L	5.0	5.0	1.0

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Job Number: 660-39745-1

Client Sample ID: TH-58 WACS# 1571
Lab Sample ID: 660-39775-8

Date Sampled: 02/15/2011 1200
Date Received: 02/15/2011 1725
Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
Method: 8260B			Date Analyzed:	02/18/2011 1229	
Prep Method: 5030B			Date Prepared:	02/18/2011 1229	
Acetone	9.9 U J3	ug/L	9.9	20	1.0
Acrylonitrile	1.2 U	ug/L	1.2	10	1.0
Benzene	0.50 U	ug/L	0.50	1.0	1.0
Bromochloromethane	0.58 U	ug/L	0.58	1.0	1.0
Bromodichloromethane	0.35 U	ug/L	0.35	1.0	1.0
Bromoform	0.58 U	ug/L	0.58	1.0	1.0
Bromomethane	2.5 U	ug/L	2.5	5.0	1.0
2-Butanone	8.4 U J3	ug/L	8.4	10	1.0
Carbon disulfide	1.0 U	ug/L	1.0	2.0	1.0
Carbon tetrachloride	0.42 U	ug/L	0.42	1.0	1.0
Chlorobenzene	0.63 U	ug/L	0.63	1.0	1.0
Chloroethane	2.5 U	ug/L	2.5	5.0	1.0
Chloromethane	1.0 U	ug/L	1.0	4.0	1.0
cis-1,2-Dichloroethene	0.65 U	ug/L	0.65	1.0	1.0
cis-1,3-Dichloropropene	0.14 U	ug/L	0.14	1.0	1.0
Dibromochloromethane	0.34 U	ug/L	0.34	1.0	1.0
Dibromomethane	0.41 U	ug/L	0.41	1.0	1.0
1,2-Dichlorobenzene	0.44 U	ug/L	0.44	1.0	1.0
1,4-Dichlorobenzene	0.52 U	ug/L	0.52	1.0	1.0
1,1-Dichloroethane	0.52 U	ug/L	0.52	1.0	1.0
1,2-Dichloroethane	0.57 U	ug/L	0.57	1.0	1.0
1,1-Dichloroethene	0.45 U	ug/L	0.45	1.0	1.0
1,2-Dichloropropane	0.52 U	ug/L	0.52	1.0	1.0
Ethylbenzene	0.44 U	ug/L	0.44	1.0	1.0
2-Hexanone	4.4 U	ug/L	4.4	10	1.0
Iodomethane	2.5 U	ug/L	2.5	5.0	1.0
Methylene Chloride	4.0 U	ug/L	4.0	5.0	1.0
4-Methyl-2-pentanone	3.8 U	ug/L	3.8	10	1.0
Styrene	0.98 U	ug/L	0.98	2.0	1.0
1,1,1,2-Tetrachloroethane	0.63 U	ug/L	0.63	1.0	1.0
1,1,2,2-Tetrachloroethane	0.15 U	ug/L	0.15	1.0	1.0
Tetrachloroethene	0.50 U	ug/L	0.50	1.0	1.0
Toluene	0.51 U	ug/L	0.51	1.0	1.0
trans-1,4-Dichloro-2-butene	2.5 U	ug/L	2.5	10	1.0
trans-1,2-Dichloroethene	0.44 U	ug/L	0.44	1.0	1.0
trans-1,3-Dichloropropene	0.14 U	ug/L	0.14	1.0	1.0
1,1,1-Trichloroethane	0.46 U	ug/L	0.46	1.0	1.0
1,1,2-Trichloroethane	0.47 U	ug/L	0.47	1.0	1.0
Trichloroethene	0.50 U	ug/L	0.50	1.0	1.0

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Job Number: 660-39745-1

Client Sample ID: TH-58 WACS# 1571
Lab Sample ID: 660-39775-8

Date Sampled: 02/15/2011 1200
Date Received: 02/15/2011 1725
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Trichlorofluoromethane	2.5	U	ug/L	2.5	5.0	1.0
Trichloromethane	0.90	U	ug/L	0.90	1.0	1.0
1,2,3-Trichloropropane	0.18	U	ug/L	0.18	1.0	1.0
Vinyl acetate	1.5	U	ug/L	1.5	10	1.0
Vinyl chloride	0.50	U	ug/L	0.50	1.0	1.0
Xylenes, Total	0.50	U	ug/L	0.50	3.0	1.0
Surrogate	Acceptance Limits					
4-Bromofluorobenzene	104		%		70 - 130	
Dibromofluoromethane	103		%		70 - 130	
Toluene-d8 (Surr)	104		%		70 - 130	
Method: 8011			Date Analyzed: 02/25/2011 1222			
Prep Method: 8011			Date Prepared: 02/24/2011 1548			
1,2-Dibromo-3-Chloropropane	0.010	U	ug/L	0.010	0.020	1.0
Ethylene Dibromide	0.010	U	ug/L	0.010	0.020	1.0
Surrogate	Acceptance Limits					
1,1,1,2-Tetrachloroethane	92		%		60 - 140	
Method: Total Recoverable-6020A			Date Analyzed: 02/26/2011 1650			
Prep Method: 3005A			Date Prepared: 02/23/2011 1559			
Antimony	2.3	U	ug/L	2.3	5.0	1.0
Arsenic	27		ug/L	1.3	2.5	1.0
Barium	22		ug/L	1.3	5.0	1.0
Beryllium	0.25	U	ug/L	0.25	0.50	1.0
Cadmium	0.095	U	ug/L	0.095	0.50	1.0
Chromium	2.5	U	ug/L	2.5	5.0	1.0
Cobalt	0.34	I	ug/L	0.15	0.50	1.0
Copper	1.1	U	ug/L	1.1	5.0	1.0
Iron	4700		ug/L	33	100	1.0
Lead	0.20	U	ug/L	0.20	1.5	1.0
Nickel	2.0	U	ug/L	2.0	5.0	1.0
Selenium	1.0	U	ug/L	1.0	2.5	1.0
Silver	0.25	U	ug/L	0.25	1.0	1.0
Sodium	20		mg/L	0.25	0.50	1.0
Thallium	0.50	U	ug/L	0.50	1.0	1.0
Vanadium	6.0	I	ug/L	3.8	10	1.0
Zinc	8.3	U	ug/L	8.3	20	1.0
Method: 7470A			Date Analyzed: 02/23/2011 1317			
Prep Method: 7470A			Date Prepared: 02/22/2011 1444			
Mercury	0.091	U	ug/L	0.091	0.20	1.0

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Job Number: 660-39745-1

Client Sample ID: TH-58 WACS# 1571
Lab Sample ID: 660-39775-8

Date Sampled: 02/15/2011 1200
Date Received: 02/15/2011 1725
Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
Method: 300.0 Chloride	85	mg/L	0.40	1.0	2.0
Method: 350.1 Ammonia as N	0.91	mg/L	0.010	0.020	1.0
Method: 353.2 Nitrate as N	0.10 U	mg/L	0.10	0.50	1.0

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Job Number: 660-39745-1

Client Sample ID: TH-58 WACS# 1571
Lab Sample ID: 660-39775-8

Date Sampled: 02/15/2011 1200
Date Received: 02/15/2011 1725
Client Matrix: Water

Analyte	Result/Qualifier	Unit	NONE	NONE	Dilution
Method: Field Sampling		Date Analyzed:	02/15/2011 1200		
Field pH	5.72	SU			1.0
Field Temperature	25.7	Degrees C			1.0
Oxygen, Dissolved	0.58	mg/L			1.0
Specific Conductance	521	umhos/cm			1.0
Turbidity	0.60	NTU			1.0

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Job Number: 660-39745-1

Client Sample ID: TH-58 WACS# 1571
Lab Sample ID: 660-39775-8

Date Sampled: 02/15/2011 1200
Date Received: 02/15/2011 1725
Client Matrix: Water

Analyte	Result/Qualifier	Unit	PQL	PQL	Dilution
Method: SM 2540C			Date Analyzed:	02/18/2011 1504	
Total Dissolved Solids	340	mg/L	5.0	5.0	1.0

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Job Number: 660-39745-1

Client Sample ID: TH-73 WACS# 27754
Lab Sample ID: 660-39775-9

Date Sampled: 02/15/2011 1133
Date Received: 02/15/2011 1725
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Method: 8260B			Date Analyzed:	02/18/2011	1250	
Prep Method: 5030B			Date Prepared:	02/18/2011	1250	
Acetone	9.9	U J3	ug/L	9.9	20	1.0
Acrylonitrile	1.2	U	ug/L	1.2	10	1.0
Benzene	0.50	U	ug/L	0.50	1.0	1.0
Bromochloromethane	0.58	U	ug/L	0.58	1.0	1.0
Bromodichloromethane	0.35	U	ug/L	0.35	1.0	1.0
Bromoform	0.58	U	ug/L	0.58	1.0	1.0
Bromomethane	2.5	U	ug/L	2.5	5.0	1.0
2-Butanone	8.4	U J3	ug/L	8.4	10	1.0
Carbon disulfide	1.0	U	ug/L	1.0	2.0	1.0
Carbon tetrachloride	0.42	U	ug/L	0.42	1.0	1.0
Chlorobenzene	0.63	U	ug/L	0.63	1.0	1.0
Chloroethane	2.5	U	ug/L	2.5	5.0	1.0
Chloromethane	1.0	U	ug/L	1.0	4.0	1.0
cis-1,2-Dichloroethene	0.65	U	ug/L	0.65	1.0	1.0
cis-1,3-Dichloropropene	0.14	U	ug/L	0.14	1.0	1.0
Dibromochloromethane	0.34	U	ug/L	0.34	1.0	1.0
Dibromomethane	0.41	U	ug/L	0.41	1.0	1.0
1,2-Dichlorobenzene	0.44	U	ug/L	0.44	1.0	1.0
1,4-Dichlorobenzene	0.52	U	ug/L	0.52	1.0	1.0
1,1-Dichloroethane	0.52	U	ug/L	0.52	1.0	1.0
1,2-Dichloroethane	0.57	U	ug/L	0.57	1.0	1.0
1,1-Dichloroethene	0.45	U	ug/L	0.45	1.0	1.0
1,2-Dichloropropane	0.52	U	ug/L	0.52	1.0	1.0
Ethylbenzene	0.44	U	ug/L	0.44	1.0	1.0
2-Hexanone	4.4	U	ug/L	4.4	10	1.0
Iodomethane	2.5	U	ug/L	2.5	5.0	1.0
Methylene Chloride	4.0	U	ug/L	4.0	5.0	1.0
4-Methyl-2-pentanone	3.8	U	ug/L	3.8	10	1.0
Styrene	0.98	U	ug/L	0.98	2.0	1.0
1,1,1,2-Tetrachloroethane	0.63	U	ug/L	0.63	1.0	1.0
1,1,2,2-Tetrachloroethane	0.15	U	ug/L	0.15	1.0	1.0
Tetrachloroethene	0.50	U	ug/L	0.50	1.0	1.0
Toluene	0.51	U	ug/L	0.51	1.0	1.0
trans-1,4-Dichloro-2-butene	2.5	U	ug/L	2.5	10	1.0
trans-1,2-Dichloroethene	0.44	U	ug/L	0.44	1.0	1.0
trans-1,3-Dichloropropene	0.14	U	ug/L	0.14	1.0	1.0
1,1,1-Trichloroethane	0.46	U	ug/L	0.46	1.0	1.0
1,1,2-Trichloroethane	0.47	U	ug/L	0.47	1.0	1.0
Trichloroethene	0.50	U	ug/L	0.50	1.0	1.0

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Job Number: 660-39745-1

Client Sample ID: TH-73 WACS# 27754
Lab Sample ID: 660-39775-9

Date Sampled: 02/15/2011 1133
Date Received: 02/15/2011 1725
Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
Trichlorofluoromethane	2.5 U	ug/L	2.5	5.0	1.0
Trichloromethane	0.90 U	ug/L	0.90	1.0	1.0
1,2,3-Trichloropropane	0.18 U	ug/L	0.18	1.0	1.0
Vinyl acetate	1.5 U	ug/L	1.5	10	1.0
Vinyl chloride	0.50 U	ug/L	0.50	1.0	1.0
Xylenes, Total	0.50 U	ug/L	0.50	3.0	1.0
Surrogate			Acceptance Limits		
4-Bromofluorobenzene	105	%		70 - 130	
Dibromofluoromethane	102	%		70 - 130	
Toluene-d8 (Surr)	102	%		70 - 130	
Method: Total Recoverable-6010B			Date Analyzed:	02/18/2011 0930	
Prep Method: 3005A			Date Prepared:	02/17/2011 0856	
Arsenic	4.0 U	ug/L	4.0	10	1.0
Cadmium	1.0 U	ug/L	1.0	4.0	1.0
Chromium	3.4 I	ug/L	2.0	10	1.0
Iron	34000	ug/L	50	200	1.0
Lead	2.0 U	ug/L	2.0	10	1.0
Sodium	24	mg/L	0.31	0.50	1.0
Method: 300.0			Date Analyzed:	02/28/2011 1547	
Chloride	55	mg/L	0.40	1.0	2.0
Method: 350.1			Date Analyzed:	02/28/2011 1339	
Ammonia as N	2.6	mg/L	0.010	0.020	1.0

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Job Number: 660-39745-1

Client Sample ID: TH-73 WACS# 27754
Lab Sample ID: 660-39775-9

Date Sampled: 02/15/2011 1133
Date Received: 02/15/2011 1725
Client Matrix: Water

Analyte	Result/Qualifier	Unit	NONE	NONE	Dilution
Method: Field Sampling		Date Analyzed:	02/15/2011 1133		
Field pH	5.54	SU			1.0
Field Temperature	26.0	Degrees C			1.0
Oxygen, Dissolved	0.56	mg/L			1.0
Specific Conductance	312	umhos/cm			1.0
Turbidity	15.5	NTU			1.0

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Job Number: 660-39745-1

Client Sample ID: TH-73 WACS# 27754
Lab Sample ID: 660-39775-9

Date Sampled: 02/15/2011 1133
Date Received: 02/15/2011 1725
Client Matrix: Water

Analyte	Result/Qualifier	Unit	PQL	PQL	Dilution
Method: SM 2540C			Date Analyzed:	02/18/2011 1505	
Total Dissolved Solids	190	mg/L	5.0	5.0	1.0

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Job Number: 660-39745-1

Client Sample ID: SUP 2 WACS# 27756
Lab Sample ID: 660-39775-10

Date Sampled: 02/15/2011 1519
Date Received: 02/15/2011 1725
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Method: Total Recoverable-6010B			Date Analyzed:	02/18/2011 0933		
Prep Method: 3005A			Date Prepared:	02/17/2011 0856		
Arsenic	4.0	U	ug/L	4.0	10	1.0
Cadmium	1.0	U	ug/L	1.0	4.0	1.0
Chromium	2.0	U	ug/L	2.0	10	1.0
Iron	50	U	ug/L	50	200	1.0
Lead	2.0	U	ug/L	2.0	10	1.0
Sodium	8.8		mg/L	0.31	0.50	1.0
Method: 300.0			Date Analyzed:	02/25/2011 1936		
Chloride	11	J3	mg/L	0.20	0.50	1.0
Method: 350.1			Date Analyzed:	02/28/2011 1340		
Ammonia as N	0.084		mg/L	0.010	0.020	1.0

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Job Number: 660-39745-1

Client Sample ID: SUP 2 WACS# 27756
Lab Sample ID: 660-39775-10

Date Sampled: 02/15/2011 1519
Date Received: 02/15/2011 1725
Client Matrix: Water

Analyte	Result/Qualifier	Unit	NONE	NONE	Dilution
Method: Field Sampling		Date Analyzed:	02/15/2011 1519		
Field pH	7.59	SU			1.0
Field Temperature	24.5	Degrees C			1.0
Oxygen, Dissolved	0.35	mg/L			1.0
Specific Conductance	296	umhos/cm			1.0
Turbidity	0.20	NTU			1.0

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Job Number: 660-39745-1

Client Sample ID: SUP 2 WACS# 27756
Lab Sample ID: 660-39775-10

Date Sampled: 02/15/2011 1519
Date Received: 02/15/2011 1725
Client Matrix: Water

Analyte	Result/Qualifier	Unit	PQL	PQL	Dilution
Method: SM 2540C			Date Analyzed:	02/22/2011 1122	
Total Dissolved Solids	200	mg/L	5.0	5.0	1.0

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Job Number: 660-39745-1

Client Sample ID: SUP 1 WACS# 27755
Lab Sample ID: 660-39775-11

Date Sampled: 02/15/2011 1547
Date Received: 02/15/2011 1725
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Method: Total Recoverable-6010B			Date Analyzed:	02/18/2011 0936		
Prep Method: 3005A			Date Prepared:	02/17/2011 0856		
Arsenic	4.0	U	ug/L	4.0	10	1.0
Cadmium	1.0	U	ug/L	1.0	4.0	1.0
Chromium	2.0	U	ug/L	2.0	10	1.0
Iron	50	U	ug/L	50	200	1.0
Lead	2.0	U	ug/L	2.0	10	1.0
Sodium	8.5		mg/L	0.31	0.50	1.0
Method: 300.0			Date Analyzed:	02/25/2011 2003		
Chloride	10		mg/L	0.20	0.50	1.0
Method: 350.1			Date Analyzed:	02/28/2011 1344		
Ammonia as N	0.084	J3	mg/L	0.010	0.020	1.0

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Job Number: 660-39745-1

Client Sample ID: SUP 1 WACS# 27755
Lab Sample ID: 660-39775-11

Date Sampled: 02/15/2011 1547
Date Received: 02/15/2011 1725
Client Matrix: Water

Analyte	Result/Qualifier	Unit	NONE	NONE	Dilution
Method: Field Sampling		Date Analyzed:	02/15/2011 1547		
Field pH	7.60	SU			1.0
Field Temperature	24.3	Degrees C			1.0
Oxygen, Dissolved	0.33	mg/L			1.0
Specific Conductance	289	umhos/cm			1.0
Turbidity	0.20	NTU			1.0

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Job Number: 660-39745-1

Client Sample ID: SUP 1 WACS# 27755
Lab Sample ID: 660-39775-11

Date Sampled: 02/15/2011 1547
Date Received: 02/15/2011 1725
Client Matrix: Water

Analyte	Result/Qualifier	Unit	PQL	PQL	Dilution
Method: SM 2540C					
Total Dissolved Solids	190	mg/L	5.0	5.0	1.0

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Job Number: 660-39745-1

Client Sample ID: TH-42 WACS# 823
Lab Sample ID: 660-39775-12

Date Sampled: 02/15/2011 1327
Date Received: 02/15/2011 1725
Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
Method: Total Recoverable-6010B			Date Analyzed:	02/18/2011 0946	
Prep Method: 3005A			Date Prepared:	02/17/2011 0856	
Arsenic	4.0 U	ug/L	4.0	10	1.0
Cadmium	1.0 U	ug/L	1.0	4.0	1.0
Chromium	12	ug/L	2.0	10	1.0
Iron	1600	ug/L	50	200	1.0
Lead	21	ug/L	2.0	10	1.0
Sodium	16	mg/L	0.31	0.50	1.0
Method: 300.0			Date Analyzed:	02/25/2011 2029	
Chloride	19	mg/L	0.20	0.50	1.0
Method: 350.1			Date Analyzed:	02/28/2011 1347	
Ammonia as N	0.26	mg/L	0.010	0.020	1.0

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Job Number: 660-39745-1

Client Sample ID: TH-42 WACS# 823
Lab Sample ID: 660-39775-12

Date Sampled: 02/15/2011 1327
Date Received: 02/15/2011 1725
Client Matrix: Water

Analyte	Result/Qualifier	Unit	NONE	NONE	Dilution
Method: Field Sampling		Date Analyzed:	02/15/2011 1327		
Field pH	7.28	SU			1.0
Field Temperature	23.7	Degrees C			1.0
Oxygen, Dissolved	0.49	mg/L			1.0
Specific Conductance	420	umhos/cm			1.0
Turbidity	55.0	NTU			1.0

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Job Number: 660-39745-1

Client Sample ID: TH-42 WACS# 823
Lab Sample ID: 660-39775-12

Date Sampled: 02/15/2011 1327
Date Received: 02/15/2011 1725
Client Matrix: Water

Analyte	Result/Qualifier	Unit	PQL	PQL	Dilution
Method: SM 2540C					
Total Dissolved Solids	300	mg/L	5.0	5.0	1.0

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Job Number: 660-39745-1

Client Sample ID: TH-73 2.15.11
Lab Sample ID: 660-39797-1

Date Sampled: 02/16/2011 1722
Date Received: 02/16/2011 1905
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Method: 8270C			Date Analyzed:	02/23/2011 2239		
Prep Method: 3520C			Date Prepared:	02/18/2011 1128		
Benzyl alcohol	2.8	U	ug/L	2.8	9.6	1.0
Bis(2-chloroethoxy)methane	1.9	U	ug/L	1.9	9.6	1.0
Bis(2-chloroethyl)ether	2.5	U	ug/L	2.5	9.6	1.0
bis(2 chloro-1-methylethyl) ether	2.0	U	ug/L	2.0	9.6	1.0
Bis(2-ethylhexyl) phthalate	1.2	U	ug/L	1.2	5.8	1.0
4-Bromophenyl phenyl ether	1.6	U	ug/L	1.6	9.6	1.0
Butyl benzyl phthalate	1.2	U	ug/L	1.2	9.6	1.0
4-Chloroaniline	2.0	U	ug/L	2.0	19	1.0
4-Chloro-3-methylphenol	1.6	U	ug/L	1.6	9.6	1.0
2-Chloronaphthalene	1.5	U	ug/L	1.5	9.6	1.0
2-Chlorophenol	2.0	U	ug/L	2.0	9.6	1.0
4-Chlorophenyl phenyl ether	1.7	U	ug/L	1.7	9.6	1.0
Dibenzofuran	1.5	U	ug/L	1.5	9.6	1.0
1,2-Dichlorobenzene	1.1	U	ug/L	1.1	9.6	1.0
1,3-Dichlorobenzene	1.1	U	ug/L	1.1	9.6	1.0
1,4-Dichlorobenzene	1.2	U	ug/L	1.2	9.6	1.0
3,3'-Dichloroberizidine	1.5	U	ug/L	1.5	19	1.0
2,4-Dichlorophenol	1.7	U	ug/L	1.7	9.6	1.0
Diethyl phthalate	2.4	U	ug/L	2.4	9.6	1.0
2,4-Dimethylphenol	1.7	U	ug/L	1.7	9.6	1.0
Dimethyl phthalate	2.4	U	ug/L	2.4	9.6	1.0
Di-n-butyl phthalate	2.4	U	ug/L	2.4	9.6	1.0
1,3-Dinitrobenzene	0.95	U	ug/L	0.95	9.6	1.0
4,6-Dinitro-2-methylphenol	1.4	U	ug/L	1.4	48	1.0
2,4-Dinitrophenol	6.0	U	ug/L	6.0	48	1.0
2,4-Dinitrotoluene	0.88	U	ug/L	0.88	9.6	1.0
2,6-Dinitrotoluene	0.69	U	ug/L	0.69	9.6	1.0
Di-n-octyl phthalate	2.4	U	ug/L	2.4	9.6	1.0
Hexachlorobenzene	1.6	U	ug/L	1.6	3.8	1.0
Hexachlorobutadiene	0.96	U	ug/L	0.96	9.6	1.0
Hexachlorocyclopentadiene	1.2	U	ug/L	1.2	9.6	1.0
Hexachloroethane	0.82	U	ug/L	0.82	9.6	1.0
Isophorone	1.3	U	ug/L	1.3	9.6	1.0
2-Methylphenol	2.2	U	ug/L	2.2	9.6	1.0
3 & 4 Methylphenol	2.3	U	ug/L	2.3	9.6	1.0
2-Nitroaniline	1.3	U	ug/L	1.3	48	1.0
3-Nitroaniline	1.2	U	ug/L	1.2	48	1.0
4-Nitroaniline	1.3	U	ug/L	1.3	48	1.0
Nitrobenzene	1.8	U	ug/L	1.8	9.6	1.0

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Job Number: 660-39745-1

Client Sample ID: TH-73 2.15.11
Lab Sample ID: 660-39797-1

Date Sampled: 02/16/2011 1722
Date Received: 02/16/2011 1905
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
2-Nitrophenol	1.2	U	ug/L	1.2	9.6	1.0
4-Nitrophenol	6.0	U	ug/L	6.0	48	1.0
N-Nitrosodimethylamine	2.3	U	ug/L	2.3	9.6	1.0
N-Nitrosodi-n-propylamine	1.8	U	ug/L	1.8	9.6	1.0
N-Nitrosodiphenylamine	1.5	U	ug/L	1.5	9.6	1.0
Pentachlorophenol	1.4	U	ug/L	1.4	14	1.0
Phenol	2.3	U	ug/L	2.3	3.8	1.0
2,3,4,6-Tetrachlorophenol	0.62	U	ug/L	0.62	9.6	1.0
1,2,4-Trichlorobenzene	1.2	U	ug/L	1.2	9.6	1.0
2,4,5-Trichlorophenol	2.0	U	ug/L	2.0	9.6	1.0
2,4,6-Trichlorophenol	1.8	U	ug/L	1.8	9.6	1.0
Surrogate	Acceptance Limits					
2-Fluorobiphenyl	78		%		36 - 124	
2-Fluorophenol	49		%		29 - 121	
Nitrobenzene-d5	82		%		34 - 130	
Phenol-d6 (Surr)	47		%		25 - 128	
Terphenyl-d14	29		%		14 - 148	
2,4,6-Tribromophenol	54		%		29 - 143	
Method: 8270C						
Prep Method: 3520C						
Acetophenone	1.4	U	ug/L	1.4	9.6	1.0
2-Acetylaminofluorene	0.74	U	ug/L	0.74	9.6	1.0
4-Aminobiphenyl	0.78	U	ug/L	0.78	9.6	1.0
Diallate	1.3	U	ug/L	1.3	9.6	1.0
2,6-Dichlorophenol	1.5	U	ug/L	1.5	9.6	1.0
7,12-Dimethylbenz(a)anthracene	0.88	U	ug/L	0.88	9.6	1.0
3,3'-Dimethylbenzidine	13	U	ug/L	13	19	1.0
Ethyl methanesulfonate	1.2	U	ug/L	1.2	9.6	1.0
Hexachloropropene	0.63	U	ug/L	0.63	9.6	1.0
Isosafrole	1.5	U	ug/L	1.5	9.6	1.0
Kepone	36	U	ug/L	36	48	1.0
Methapyrilene	1.1	U	ug/L	1.1	1900	1.0
3-Methylcholanthrene	0.54	U	ug/L	0.54	9.6	1.0
Methyl methanesulfonate	1.2	U	ug/L	1.2	9.6	1.0
1,4-Naphthoquinone	1.1	U	ug/L	1.1	9.6	1.0
1-Naphthylamine	0.81	U	ug/L	0.81	9.6	1.0
2-Naphthylamine	0.96	U	ug/L	0.96	9.6	1.0
N-Nitro-o-toluidine	0.87	U	ug/L	0.87	9.6	1.0
N-Nitrosodiethylamine	1.4	U	ug/L	1.4	9.6	1.0
N-Nitrosodi-n-butylamine	1.4	U	ug/L	1.4	9.6	1.0

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Job Number: 660-39745-1

Client Sample ID: TH-73 2.15.11

Lab Sample ID: 660-39797-1

Date Sampled: 02/16/2011 1722

Date Received: 02/16/2011 1905

Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
N-Nitrosomethylethylamine	1.5	U	ug/L	1.5	9.6	1.0
N-Nitrosopiperidine	0.84	U	ug/L	0.84	9.6	1.0
N-Nitrosopyrrolidine	1.2	U	ug/L	1.2	9.6	1.0
o,o',o"-Triethylphosphorothioate	1.7	U	ug/L	1.7	9.6	1.0
p-Dimethylamino azobenzene	0.64	U	ug/L	0.64	9.6	1.0
Pentachlorobenzene	0.95	U	ug/L	0.95	9.6	1.0
Pentachloronitrobenzene	1.4	U	ug/L	1.4	9.6	1.0
Phenacetin	0.81	U	ug/L	0.81	9.6	1.0
p-Phenylene diamine	3.0	U	ug/L	3.0	1900	1.0
Pronamide	0.67	U	ug/L	0.67	9.6	1.0
Safrole, Total	1.2	U	ug/L	1.2	9.6	1.0
1,2,4,5-Tetrachlorobenzene	1.1	U	ug/L	1.1	9.6	1.0
2-Toluidine	1.2	U	ug/L	1.2	9.6	1.0
1,3,5-Trinitrobenzene	0.59	U	ug/L	0.59	9.6	1.0

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Job Number: 660-39745-1

Client Sample ID: TH-73 2.15.11

Lab Sample ID: 660-39797-1

Date Sampled: 02/16/2011 1722

Date Received: 02/16/2011 1905

Client Matrix: Water

Analyte	Result/Qualifier	Unit	NONE	NONE	Dilution
Method: Field Sampling		Date Analyzed:	02/16/2011 1722		
Field pH	5.37	SU			1.0
Field Temperature	26.0	Degrees C			1.0
Oxygen, Dissolved	1.22	mg/L			1.0
Specific Conductance	265	umhos/cm			1.0
Turbidity	15.8	NTU			1.0