Southeast ACCUTEST Laboratories

10/24/05

Technical Report for

S M Stoller

Quarterly Sampling, STAR Center, Largo, FL

110406202

Accutest Job Number: F33211

Sampling Dates: 07/13/05 - 07/14/05

Report to:

S M Stoller

Cathy.Kelleher@gjo.doe.gov

ATTN: Cathy Kelleher

Total number of pages in report: **28**

ACCREDITED IN ACCORDANCE WITH nelac

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Conference and/or state specific certification programs as applicable.

Harry Behzadi, Ph.D.
Laboratory Director

Certifications: FL (DOH E83510), NC (573), NJ (FL002), MA (FL946), IA (366), LA (03051), KS (E-10327), SC, AK

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Sample Summary

S M Stoller

Job No: F33211

Quarterly Sampling, STAR Center, Largo, FL
Project No: 110406202

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
F33211-1	07/13/05	10:29	JPC	07/15/05	AQ	Ground Water	PIN06-0500-N001
F33211-2	07/13/05	10:46	JPC	07/15/05	AQ	Ground Water	PIN09-0500-N001
F33211-3	07/13/05	13:26	JPC	07/15/05	AQ	Ground Water	PIN10-0500-N001
F33211-4	07/13/05	13:44	JPC	07/15/05	AQ	Ground Water	PIN06-0501-N001
F33211-5	07/14/05	08:07	JPC	07/15/05	AQ	Ground Water	PIN12-0510-N001
F33211-6	07/14/05	08:34	JPC	07/15/05	AQ	Ground Water	PIN18-0525-N001
F33211-7	07/14/05	08:58	JPC	07/15/05	AQ	Ground Water	PIN18-0523-N001
F33211-8	07/14/05	09:13	JPC	07/15/05	AQ	Ground Water	PIN18-0524-N001
F33211-9	07/14/05	09:39	JPC	07/15/05	AQ	Ground Water	PIN18-0522-N001
F33211-10	07/14/05	09:55	JPC	07/15/05	AQ	Ground Water	PIN18-0521-N001

SAMPLE DELIVERY GROUP CASE NARRATIVE

Client: S M Stoller **Job No:** F33211

Site: Quarterly Sampling, STAR Center, Largo, FL **Report Date** 7/25/2005 11:45:44

10 Samples were collected on between 07/13/2005 and 07/14/2005 and were received at Accutest on 07/15/2005 properly preserved, at 3 Deg. C and intact. These Samples received an Accutest job number of F33211.A listing of the Laboratory Sample ID, Client Sample ID and dates of collection are presented in the Results Summary Section of this report.

Except as noted below, all method specified calibrations and quality control performance criteria were met for this job. For more information, please refer to QC summary pages.

Metals By Method SW846 6010B

Matrix: AQ **Batch ID:** MP8289

Samples F33021-3MS, F33021-3MSD, F33021-3SDL, F33021-3DUP were used as the QC samples for metals.

All method blanks for this batch meet method specific criteria.

RPD for Serial Dilution for Arsenic is outside control limits for sample MP8289-SD1. Percent difference acceptable due to low initial sample concentration (< 50 times IDL).

RPD for Duplicate for Arsenic is outside control limits for sample MP8289-D1. RPD acceptable due to low duplicate and sample concentrations.

Matrix: AQ **Batch ID:** MP8299

Samples F33023-3DUP, F33023-3MS, F33023-3MSD, F33023-3SDL were used as the QC samples for metals.

All method blanks for this batch meet method specific criteria.

Accutest Laboratories Southeast (ALSE) certifies that this report meets the project requirements for analytical data produced for the samples as received at ALSE and as stated on the COC. ALSE certifies that the data meets the Data QualityObjectives for precision, accuracy and completeness as specified in the ALSE Quality Manual except as noted above. This report is to be used in its entirety. ALSE is not responsible for any assumptions of data quality if partial data packages are used.

Narrative prepared by:

Date: July 25, 2005

Sue O. Bell, Project Manager (signature on file)

Report of Analysis

Client Sample ID:	PIN06-0500-N001		
Lab Sample ID:	F33211-1	**Date Sampled:**	07/13/05
Matrix:	AQ - Ground Water	**Date Received:**	07/15/05
		Percent Solids:	n/a
Project:	Quarterly Sampling, STAR Center, Largo, FL		

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed By	Method	Prep Method
Arsenic	8.4 I	10	2.9	ug/l	1	07/18/05	07/19/05 JM	SW846 6010B [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA4448
(2) Prep QC Batch: MP8289

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
I = Indicates a result > = MDL but < RL

Report of Analysis

Client Sample ID:	PIN09-0500-N001		
Lab Sample ID:	F33211-2	**Date Sampled:**	07/13/05
Matrix:	AQ - Ground Water	**Date Received:**	07/15/05
		Percent Solids:	n/a
Project:	Quarterly Sampling, STAR Center, Largo, FL		

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed By	Method	Prep Method
Arsenic	10.4	10	2.9	ug/l	1	07/18/05	07/19/05 JM	SW846 6010B [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA4448
(2) Prep QC Batch: MP8289

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
I = Indicates a result > = MDL but < RL

Report of Analysis

Client Sample ID:	PIN10-0500-N001		
Lab Sample ID:	F33211-3	**Date Sampled:**	07/13/05
Matrix:	AQ - Ground Water	**Date Received:**	07/15/05
		Percent Solids:	n/a
Project:	Quarterly Sampling, STAR Center, Largo, FL		

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed By	Method	Prep Method
Arsenic	14.6	10	2.9	ug/l	1	07/18/05	07/19/05 JM	SW846 6010B [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA4448
(2) Prep QC Batch: MP8289

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
I = Indicates a result > = MDL but < RL

Report of Analysis

Client Sample ID:	PIN06-0501-N001		
Lab Sample ID:	F33211-4	**Date Sampled:**	07/13/05
Matrix:	AQ - Ground Water	**Date Received:**	07/15/05
		Percent Solids:	n/a
Project:	Quarterly Sampling, STAR Center, Largo, FL		

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	11.4	10	2.9	ug/l	1	07/18/05	07/19/05	JM	SW846 6010B [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA4448
(2) Prep QC Batch: MP8289

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
I = Indicates a result > = MDL but < RL

Report of Analysis

Client Sample ID:	PIN12-0510-N001		
Lab Sample ID:	F33211-5	**Date Sampled:**	07/14/05
Matrix:	AQ - Ground Water	**Date Received:**	07/15/05
		Percent Solids:	n/a
Project:	Quarterly Sampling, STAR Center, Largo, FL		

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	2.9 U	10	2.9	ug/l	1	07/18/05	07/19/05	JM	SW846 6010B [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA4448
(2) Prep QC Batch: MP8289

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
I = Indicates a result > = MDL but < RL

Report of Analysis

Client Sample ID:	PIN18-0525-N001		
Lab Sample ID:	F33211-6	**Date Sampled:**	07/14/05
Matrix:	AQ - Ground Water	**Date Received:**	07/15/05
		Percent Solids:	n/a
Project:	Quarterly Sampling, STAR Center, Largo, FL		

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed By	Method	Prep Method
Arsenic	53.6	10	2.9	ug/l	1	07/18/05	07/19/05 JM	SW846 6010B [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA4448
(2) Prep QC Batch: MP8289

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
I = Indicates a result > = MDL but < RL

Report of Analysis

Client Sample ID:	PIN18-0523-N001		
Lab Sample ID:	F33211-7	**Date Sampled:**	07/14/05
Matrix:	AQ - Ground Water	**Date Received:**	07/15/05
		Percent Solids:	n/a
Project:	Quarterly Sampling, STAR Center, Largo, FL		

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed By	Method	Prep Method
Arsenic	2.9 U	10	2.9	ug/l	1	07/18/05	07/19/05 JM	SW846 6010B [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA4448
(2) Prep QC Batch: MP8289

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
I = Indicates a result > = MDL but < RL

Report of Analysis

Client Sample ID:	PIN18-0524-N001		
Lab Sample ID:	F33211-8	**Date Sampled:**	07/14/05
Matrix:	AQ - Ground Water	**Date Received:**	07/15/05
		Percent Solids:	n/a
Project:	Quarterly Sampling, STAR Center, Largo, FL		

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed By	Method	Prep Method
Arsenic	23.1	10	2.9	ug/l	1	07/19/05	07/20/05 JM	SW846 6010B [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA4451
(2) Prep QC Batch: MP8299

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
I = Indicates a result > = MDL but < RL

Report of Analysis

Client Sample ID:	PIN18-0522-N001		
Lab Sample ID:	F33211-9	**Date Sampled:**	07/14/05
Matrix:	AQ - Ground Water	**Date Received:**	07/15/05
		Percent Solids:	n/a
Project:	Quarterly Sampling, STAR Center, Largo, FL		

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed By		Method	Prep Method
Arsenic	15.4	10	2.9	ug/l	1	07/19/05	07/20/05	JM	SW846 6010B [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA4451
(2) Prep QC Batch: MP8299

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
I = Indicates a result > = MDL but < RL

Report of Analysis

Client Sample ID:	PIN18-0521-N001		
Lab Sample ID:	F33211-10	**Date Sampled:**	07/14/05
Matrix:	AQ - Ground Water	**Date Received:**	07/15/05
		Percent Solids:	n/a
Project:	Quarterly Sampling, STAR Center, Largo, FL		

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed By	Method	Prep Method
Arsenic	2.9 U	10	2.9	ug/l	1	07/19/05	07/20/05 JM	SW846 6010B [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA4451
(2) Prep QC Batch: MP8299

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
I = Indicates a result > = MDL but < RL

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

CHAIN OF CUSTODY and SAMPLE SUBMITTAL FORM

Young-Rainey Star Center 4.5 Acre Quarterly Sampling

S.M. Stoller, 7887 Bryan Dairy Rd. Suite 260, Largo, FL 33777, tel. 727-541-8103, fax 727-549-1121

ACCUTEST JOB NUMBER F33211

4405 Vineland Rd. Suite C-15, Orlando, FL 32811 tel 407-425-6700 fax 407-425-0707

Sample Matrix is Groundwater, samples are preserved on ice. Temp._____ C

Sample number	Sample ID	Date	Time	Sampled by	No. Bottles	VOC 8260 preserved w/HCl	Arsenic preserved w/HNO3	Fl-Pro preserved w/HCl				Samplers Notes	Lab Use Only
1	PIN06-0500-N001	7-13-05	1029	JPC	1		1						
2	PIN09-0500-N001	↓	1046	JPC	1		1						
3	PIN10-0500-N001	↓	1326	JPC	1		1						
4	PIN06-0501-N001	↓	1344	JPC	1		1						
5	PIN12-0510-N001	7-14-05	0807	JPC	1		1						
6	PIN18-0525-N001	↓	0834	JPC	1		1						
7	PIN18-0523-N001	↓	0858	JPC	1		1						
8	PIN18-0524-N001	↓	0913	JPC	1		1						
9	PIN18-0522-N001	↓	0939	JPC	1		1						
10	PIN18-0521-N001	↓	0955	JPC	1		1						

This is a preprinted list. Samples not included in this shipment are lined out

Relinquished by Sampler	Date	Time	Received by Courier	Date	Time
[signature]	7-14-05	1200	[signature]	7-14-05	1:30
Relinquished by Courier	**Date**	**Time**	**Received by Laboratory**	**Date**	**Time**
[signature]	7-14-05	3:35	[signature]	7-14-05	3:35

Data Turnaround	
std	
48 hr	
24 hr	

F33211: Chain of Custody
Page 1 of 2

ACCUTEST LABORATORIES SAMPLE RECEIPT CONFIRMATION

ACCUTEST'S JOB NUMBER: F33211 CLIENT: S.M. Stoller PROJECT: Young-Rainey

DATE/TIME RECEIVED: 7-14-05/ 13:35 # OF COOLERS RECEIVED: 1 COOLER TEMPS: 3.0

METHOD OF DELIVERY: FEDEX UPS (ACCUTEST COURIER) GREYHOUND DELIVERY OTHER

AIRBILL NUMBERS:

COOLER INFORMATION

- [ ] CUSTODY SEAL NOT PRESENT OR NOT INTACT
- [ ] NO COC RECEIVED
- [ ] ANALYSIS REQUESTED IS UNCLEAR OR MISSING
- [ ] SAMPLE DATES OR TIMES UNCLEAR OR MISSING
- [ ] TEMPERATURE CRITERIA NOT MET

TRIP BLANK INFORMATION

- [X] TRIP BLANK NOT PROVIDED
- [X] TRIP BLANK NOT ON COC
- [ ] TRIP BLANK INTACT
- [ ] TRIP BLANK NOT INTACT
- [ ] RECEIVED WATER TRIP BLANK
- [ ] RECEIVED SOIL TRIP BLANK

SAMPLE INFORMATION

- [ ] SAMPLE LABELS PRESENT ON ALL BOTTLES
- [ ] CORRECT NUMBER OF CONTAINERS USED
- [ ] SAMPLE RECEIVED IMPROPERLY PRESERVED
- [ ] INSUFFICIENT VOLUME FOR ANALYSIS
- [ ] TIMES ON COC DON'T MATCH LABEL
- [ ] ID'S ON COC DON'T MATCH LABEL
- [ ] VOC VIALS HAVE HEADSPACE (MACRO BUBBLES)
- [ ] BOTTLES RECEIVED BUT ANALYSIS NOT REQUESTED
- [ ] NO BOTTLES RECEIVED FOR ANALYSIS REQUESTED
- [ ] UNCLEAR FILTERING INSTRUCTIONS
- [ ] UNCLEAR COMPOSITING INSTRUCTIONS
- [ ] SAMPLE(S) RECEIVED BROKEN
- [ ] % SOLIDS JAR NOT RECEIVED

SOIL INFORMATION

NUMBER OF ENCORES ? Ø

NUMBER OF 5035 FIELD KITS ? Ø

SUMMARY OF COMMENTS:

TECHNICIAN SIGNATURE/DATE Steven Crown / 7-14-05 TECHNICIAN SIGNATURE/DATE CP

ASBD06/22/05

4.1

4

F33211: Chain of Custody
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Metals Analysis

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Matrix Spike and Duplicate Summaries
- Blank Spike and Lab Control Sample Summaries
- Serial Dilution Summaries

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: F33211
Account: STOLCOGJ - S M Stoller
Project: Quarterly Sampling, STAR Center, Largo, FL

QC Batch ID: MP8289
Matrix Type: AQUEOUS

Methods: SW846 6010B
Units: ug/l

Prep Date: 07/18/05

Metal	RL	IDL	MB raw	final
Aluminum	200	6.6		
Antimony	5.0	1.5		
Arsenic	10	2.8	1.1	<10
Barium	200	.5		
Beryllium	4.0	.3		
Cadmium	5.0	.3	anr	
Calcium	1000	3.8		
Chromium	10	.4	anr	
Cobalt	50	.5		
Copper	25	.4		
Iron	300	7.1	anr	
Lead	5.0	1.2	anr	
Magnesium	5000	9.9		
Manganese	15	.2	anr	
Molybdenum	50	.8		
Nickel	40	1.1		
Potassium	5000	14		
Selenium	10	2		
Silver	10	.6		
Sodium	5000	150		
Thallium	10	1.5		
Tin	50	1.5		
Vanadium	50	.5		
Zinc	20	.6		

Associated samples MP8289: F33211-1, F33211-2, F33211-3, F33211-4, F33211-5, F33211-6, F33211-7

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: F33211
Account: STOLCOGJ - S M Stoller
Project: Quarterly Sampling, STAR Center, Largo, FL

QC Batch ID: MP8289
Matrix Type: AQUEOUS

Methods: SW846 6010B
Units: ug/l

Prep Date:			07/18/05					07/18/05	
Metal	F33021-3 Original	DUP	RPD	QC Limits	F33021-3 Original	MS	Spikelot MPFLICP	% Rec	QC Limits
Aluminum									
Antimony									
Arsenic	4.5	0.0	200.0(a)	0-12	4.5	3630	4000	90.6	83-116
Barium									
Beryllium									
Cadmium	anr								
Calcium									
Chromium	anr								
Cobalt									
Copper									
Iron	anr								
Lead	anr								
Magnesium									
Manganese	anr								
Molybdenum									
Nickel									
Potassium									
Selenium									
Silver									
Sodium									
Thallium									
Tin									
Vanadium									
Zinc									

Associated samples MP8289: F33211-1, F33211-2, F33211-3, F33211-4, F33211-5, F33211-6, F33211-7

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested
(a) RPD acceptable due to low duplicate and sample concentrations.

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: F33211
Account: STOLCOGJ - S M Stoller
Project: Quarterly Sampling, STAR Center, Largo, FL

QC Batch ID: MP8289
Matrix Type: AQUEOUS

Methods: SW846 6010B
Units: ug/l

Prep Date: 07/18/05

Metal	F33021-3 Original	MSD	Spikelot MPFLICP	% Rec	MSD RPD	QC Limit
Aluminum						
Antimony						
Arsenic	4.5	3670	4000	91.6	1.1	20
Barium						
Beryllium						
Cadmium	anr					
Calcium						
Chromium	anr					
Cobalt						
Copper						
Iron	anr					
Lead	anr					
Magnesium						
Manganese	anr					
Molybdenum						
Nickel						
Potassium						
Selenium						
Silver						
Sodium						
Thallium						
Tin						
Vanadium						
Zinc						

Associated samples MP8289: F33211-1, F33211-2, F33211-3, F33211-4, F33211-5, F33211-6, F33211-7

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: F33211
Account: STOLCOGJ - S M Stoller
Project: Quarterly Sampling, STAR Center, Largo, FL

QC Batch ID: MP8289
Matrix Type: AQUEOUS

Methods: SW846 6010B
Units: ug/l

Prep Date: 07/18/05

Metal	BSP Result	Spikelot MPFLICP	% Rec	QC Limits
Aluminum				
Antimony				
Arsenic	3800	4000	95.0	80-120
Barium				
Beryllium				
Cadmium	anr			
Calcium				
Chromium	anr			
Cobalt				
Copper				
Iron	anr			
Lead	anr			
Magnesium				
Manganese	anr			
Molybdenum				
Nickel				
Potassium				
Selenium				
Silver				
Sodium				
Thallium				
Tin				
Vanadium				
Zinc				

Associated samples MP8289: F33211-1, F33211-2, F33211-3, F33211-4, F33211-5, F33211-6, F33211-7

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

SERIAL DILUTION RESULTS SUMMARY

Login Number: F33211
Account: STOLCOGJ - S M Stoller
Project: Quarterly Sampling, STAR Center, Largo, FL

QC Batch ID: MP8289
Matrix Type: AQUEOUS

Methods: SW846 6010B
Units: ug/l

Prep Date: 07/18/05

Metal	F33021-3 Original	SDL 1:5	RPD	QC Limits
Aluminum				
Antimony				
Arsenic	4.48	0.00	100.0(a)	0-10
Barium				
Beryllium				
Cadmium	anr			
Calcium				
Chromium	anr			
Cobalt				
Copper				
Iron	anr			
Lead	anr			
Magnesium				
Manganese	anr			
Molybdenum				
Nickel				
Potassium				
Selenium				
Silver				
Sodium				
Thallium				
Tin				
Vanadium				
Zinc				

Associated samples MP8289: F33211-1, F33211-2, F33211-3, F33211-4, F33211-5, F33211-6, F33211-7

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested
(a) Percent difference acceptable due to low initial sample concentration (< 50 times IDL).

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: F33211
Account: STOLCOGJ - S M Stoller
Project: Quarterly Sampling, STAR Center, Largo, FL

QC Batch ID: MP8299
Matrix Type: AQUEOUS

Methods: SW846 6010B
Units: ug/l

Prep Date: 07/19/05

Metal	RL	IDL	MB raw	final
Aluminum	200	6.6		
Antimony	5.0	1.5		
Arsenic	10	2.8	-1.2	<10
Barium	200	.5		
Beryllium	4.0	.3		
Cadmium	5.0	.3		
Calcium	1000	3.8		
Chromium	10	.4		
Cobalt	50	.5		
Copper	25	.4		
Iron	300	7.1		
Lead	5.0	1.2	anr	
Magnesium	5000	9.9		
Manganese	15	.2		
Molybdenum	50	.8		
Nickel	40	1.1		
Potassium	5000	14		
Selenium	10	2		
Silver	10	.6		
Sodium	5000	150		
Thallium	10	1.5		
Tin	50	1.5		
Vanadium	50	.5	anr	
Zinc	20	.6		

Associated samples MP8299: F33211-8, F33211-9, F33211-10

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: F33211
Account: STOLCOGJ - S M Stoller
Project: Quarterly Sampling, STAR Center, Largo, FL

QC Batch ID: MP8299
Matrix Type: AQUEOUS

Methods: SW846 6010B
Units: ug/l

Prep Date:			07/19/05					07/19/05	
Metal	F33023-3 Original	DUP	RPD	QC Limits	F33023-3 Original	MS	Spikelot MPFLICP	% Rec	QC Limits
Aluminum									
Antimony									
Arsenic	0.0	0.0	NC	0-12	0.0	3840	4000	96.0	83-116
Barium									
Beryllium									
Cadmium									
Calcium									
Chromium									
Cobalt									
Copper									
Iron									
Lead	anr								
Magnesium									
Manganese									
Molybdenum									
Nickel									
Potassium									
Selenium									
Silver									
Sodium									
Thallium									
Tin									
Vanadium	anr								
Zinc									

Associated samples MP8299: F33211-8, F33211-9, F33211-10

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: F33211
Account: STOLCOGJ - S M Stoller
Project: Quarterly Sampling, STAR Center, Largo, FL

QC Batch ID: MP8299
Matrix Type: AQUEOUS

Methods: SW846 6010B
Units: ug/l

Prep Date: 07/19/05

Metal	F33023-3 Original	MSD	Spikelot MPFLICP	% Rec	MSD RPD	QC Limit
Aluminum						
Antimony						
Arsenic	0.0	3820	4000	95.5	0.5	20
Barium						
Beryllium						
Cadmium						
Calcium						
Chromium						
Cobalt						
Copper						
Iron						
Lead	anr					
Magnesium						
Manganese						
Molybdenum						
Nickel						
Potassium						
Selenium						
Silver						
Sodium						
Thallium						
Tin						
Vanadium	anr					
Zinc						

Associated samples MP8299: F33211-8, F33211-9, F33211-10

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: F33211
Account: STOLCOGJ - S M Stoller
Project: Quarterly Sampling, STAR Center, Largo, FL

QC Batch ID: MP8299
Matrix Type: AQUEOUS

Methods: SW846 6010B
Units: ug/l

Prep Date: 07/19/05

Metal	BSP Result	Spikelot MPFLICP	% Rec	QC Limits
Aluminum				
Antimony				
Arsenic	3780	4000	94.5	80-120
Barium				
Beryllium				
Cadmium				
Calcium				
Chromium				
Cobalt				
Copper				
Iron				
Lead	anr			
Magnesium				
Manganese				
Molybdenum				
Nickel				
Potassium				
Selenium				
Silver				
Sodium				
Thallium				
Tin				
Vanadium	anr			
Zinc				

Associated samples MP8299: F33211-8, F33211-9, F33211-10

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

SERIAL DILUTION RESULTS SUMMARY

Login Number: F33211
Account: STOLCOGJ - S M Stoller
Project: Quarterly Sampling, STAR Center, Largo, FL

QC Batch ID: MP8299
Matrix Type: AQUEOUS

Methods: SW846 6010B
Units: ug/l

Prep Date: 07/19/05

Metal	F33023-3 Original	SDL 1:5	RPD	QC Limits
Aluminum				
Antimony				
Arsenic	0.00	0.00	NC	0-10
Barium				
Beryllium				
Cadmium				
Calcium				
Chromium				
Cobalt				
Copper				
Iron				
Lead	anr			
Magnesium				
Manganese				
Molybdenum				
Nickel				
Potassium				
Selenium				
Silver				
Sodium				
Thallium				
Tin				
Vanadium	anr			
Zinc				

Associated samples MP8299: F33211-8, F33211-9, F33211-10

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

Southeast ACCUTEST Laboratories

10/24/05

Technical Report for

S M Stoller

Quarterly Sampling, STAR Center, Largo, FL

110406202

Accutest Job Number: F33212

Sampling Dates: 07/13/05 - 07/14/05

Report to:

S M Stoller

Cathy.Kelleher@gjo.doe.gov

ATTN: Cathy Kelleher

Total number of pages in report: **51**

ACCREDITED IN ACCORDANCE WITH nelac

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Conference and/or state specific certification programs as applicable.

Harry Behzadi, Ph.D.
Laboratory Director

Certifications: FL (DOH E83510), NC (573), NJ (FL002), MA (FL946), IA (366), LA (03051), KS (E-10327), SC, AK

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Sample Summary

S M Stoller

Job No: F33212

Quarterly Sampling, STAR Center, Largo, FL
Project No: 110406202

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
F33212-1	07/13/05	10:10	SC	07/14/05	AQ	Ground Water	PIN24-0505-N001
F33212-2	07/13/05	10:55	SC	07/14/05	AQ	Ground Water	PIN20-MWL6-N001
F33212-3	07/13/05	13:45	SC	07/14/05	AQ	Ground Water	PIN20-MWL4-N001
F33212-4	07/13/05	14:30	SC	07/14/05	AQ	Ground Water	PIN20-MWL3-N001
F33212-5	07/13/05	15:50	SC	07/14/05	AQ	Ground Water	PIN20-MWL2-N001
F33212-6	07/13/05	15:58	SC	07/14/05	AQ	Ground Water	PIN24-0504-N001
F33212-7	07/14/05	08:00	SC	07/14/05	AQ	Ground Water	PIN20-M035-N001
F33212-8	07/14/05	08:40	SC	07/14/05	AQ	Ground Water	PIN20-M055-N001
F33212-9	07/14/05	09:10	SC	07/14/05	AQ	Ground Water	PIN20-M056-N001
F33212-10	07/14/05	09:40	SC	07/14/05	AQ	Ground Water	PIN20-M053-N001
F33212-11	07/14/05	10:15	SC	07/14/05	AQ	Ground Water	PIN20-M057-N001
F33212-12	07/14/05	10:45	SC	07/14/05	AQ	Ground Water	PIN20-M18D-N001

SAMPLE DELIVERY GROUP CASE NARRATIVE

Client: S M Stoller **Job No:** F33212

Site: Quarterly Sampling, STAR Center, Largo, FL **Report Date** 8/1/2005

12 Samples were collected on between 07/13/2005 and 07/14/2005 and were received at Accutest on 07/14/2005 properly preserved, at 3 Deg. C and intact. These Samples received an Accutest job number of F33212.A listing of the Laboratory Sample ID, Client Sample ID and dates of collection are presented in the Results Summary Section of this report.

Except as noted below, all method specified calibrations and quality control performance criteria were met for this job. For more information, please refer to QC summary pages.

Volatiles by GCMS By Method SW846 8260B

Matrix: AQ **Batch ID:** VJ704

Samples F33212-1MS, F33212-1MSD were used as the QC samples indicated.

All method blanks for this batch meet method specific criteria.

MS/MSD recoveries for 2-Chloroethyl vinyl ether are outside control limits. Probable cause due to matrix interference.

Matrix: AQ **Batch ID:** VJ705

All method blanks for this batch meet method specific criteria.

Samples F33219-10MS, F33219-10MSD were used as the QC samples indicated.

MS/MSD recoveries for 2-Chloroethyl vinyl ether are outside control limits. Probable cause due to matrix interference.

Matrix: AQ **Batch ID:** VJ706

Samples F33447-3MS, F33447-3MSD were used as the QC samples indicated.

All method blanks for this batch meet method specific criteria.

The following samples were run outside of holding time for method SW846 8260B: F33212-8 Sample re-analyzed beyond hold time. The sample was analyzed at 50X within holding time, but then the sample needed to be run again at 1X. This run at 1X was done 1 day outside of the recommended 14 day holding time. Reported results are considered minimum values.

MS/MSD recoveries for 2-Chloroethyl vinyl ether are outside control limits. Probable cause due to matrix interference.

RPDs for MS/MSD for m,p-Xylene are outside control limits for sample F33447-3MSD. Probable cause due to sample homogeneity.

Metals By Method SW846 6010B

Matrix: AQ **Batch ID:** MP8299

Samples F33023-3DUP, F33023-3MS, F33023-3MSD, F33023-3SDL were used as the QC samples for metals.

All method blanks for this batch meet method specific criteria.

Accutest Laboratories Southeast (ALSE) certifies that this report meets the project requirements for analytical data produced for the samples as received at ALSE and as stated on the COC. ALSE certifies that the data meets the Data QualityObjectives for precision, accuracy and completeness as specified in the ALSE Quality Manual except as noted above. This report is to be used in its entirety. ALSE is not responsible for any assumptions of data quality if partial data packages are used.
Narrative prepared by:

Date: August 01, 2005

Sue O. Bell, Project Manager (signature on file)

Report of Analysis

Client Sample ID:	PIN24-0505-N001		
Lab Sample ID:	F33212-1	**Date Sampled:**	07/13/05
Matrix:	AQ - Ground Water	**Date Received:**	07/14/05
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Quarterly Sampling, STAR Center, Largo, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	J016885.D	1	07/27/05	MM	n/a	n/a	VJ704
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	0.50 U	1.0	0.50	ug/l	
75-27-4	Bromodichloromethane	0.50 U	1.0	0.50	ug/l	
75-25-2	Bromoform	0.50 U	1.0	0.50	ug/l	
108-90-7	Chlorobenzene	0.50 U	1.0	0.50	ug/l	
75-00-3	Chloroethane	1.0 U	2.0	1.0	ug/l	
67-66-3	Chloroform	0.50 U	1.0	0.50	ug/l	
110-75-8	2-Chloroethyl vinyl ether	2.5 U	5.0	2.5	ug/l	
56-23-5	Carbon tetrachloride	0.50 U	1.0	0.50	ug/l	
75-34-3	1,1-Dichloroethane	0.50 U	1.0	0.50	ug/l	
75-35-4	1,1-Dichloroethylene	0.50 U	1.0	0.50	ug/l	
107-06-2	1,2-Dichloroethane	0.50 U	1.0	0.50	ug/l	
78-87-5	1,2-Dichloropropane	0.50 U	1.0	0.50	ug/l	
124-48-1	Dibromochloromethane	0.40 U	1.0	0.40	ug/l	
75-71-8	Dichlorodifluoromethane	0.50 U	1.0	0.50	ug/l	
156-59-2	cis-1,2-Dichloroethylene	0.50 U	1.0	0.50	ug/l	
10061-01-5	cis-1,3-Dichloropropene	0.30 U	1.0	0.30	ug/l	
541-73-1	m-Dichlorobenzene	0.50 U	1.0	0.50	ug/l	
95-50-1	o-Dichlorobenzene	0.50 U	1.0	0.50	ug/l	
106-46-7	p-Dichlorobenzene	0.50 U	1.0	0.50	ug/l	
156-60-5	trans-1,2-Dichloroethylene	0.50 U	1.0	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	0.30 U	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	0.50 U	1.0	0.50	ug/l	
74-83-9	Methyl bromide	1.0 U	2.0	1.0	ug/l	
74-87-3	Methyl chloride	1.0 U	2.0	1.0	ug/l	
75-09-2	Methylene chloride	1.0 U	5.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	0.50 U	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	0.50 U	1.0	0.50	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	0.30 U	1.0	0.30	ug/l	
79-00-5	1,1,2-Trichloroethane	0.50 U	1.0	0.50	ug/l	
127-18-4	Tetrachloroethylene	0.50 U	1.0	0.50	ug/l	
108-88-3	Toluene	0.50 U	1.0	0.50	ug/l	
79-01-6	Trichloroethylene	0.50 U	1.0	0.50	ug/l	

U = Not detected MDL - Method Detection Limit
RL = Reporting Limit
L = Indicates value exceeds calibration range

I = Result > = MDL but < RL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	PIN24-0505-N001		
Lab Sample ID:	F33212-1	**Date Sampled:**	07/13/05
Matrix:	AQ - Ground Water	**Date Received:**	07/14/05
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Quarterly Sampling, STAR Center, Largo, FL		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-69-4	Trichlorofluoromethane	0.60 U	2.0	0.60	ug/l	
75-01-4	Vinyl chloride	0.50 U	1.0	0.50	ug/l	
	m,p-Xylene	0.50 U	2.0	0.50	ug/l	
95-47-6	o-Xylene	0.50 U	1.0	0.50	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	105%		86-115%
17060-07-0	1,2-Dichloroethane-D4	108%		73-126%
2037-26-5	Toluene-D8	98%		86-112%
460-00-4	4-Bromofluorobenzene	105%		83-119%

U = Not detected MDL - Method Detection Limit
RL = Reporting Limit
L = Indicates value exceeds calibration range

I = Result > = MDL but < RL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	PIN20-MWL6-N001		
Lab Sample ID:	F33212-2	**Date Sampled:**	07/13/05
Matrix:	AQ - Ground Water	**Date Received:**	07/14/05
		Percent Solids:	n/a
Project:	Quarterly Sampling, STAR Center, Largo, FL		

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	2.9 U	10	2.9	ug/l	1	07/19/05	07/20/05	JM	SW846 6010B [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA4451
(2) Prep QC Batch: MP8299

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
I = Indicates a result > = MDL but < RL

Report of Analysis

Client Sample ID:	PIN20-MWL4-N001		
Lab Sample ID:	F33212-3	**Date Sampled:**	07/13/05
Matrix:	AQ - Ground Water	**Date Received:**	07/14/05
		Percent Solids:	n/a
Project:	Quarterly Sampling, STAR Center, Largo, FL		

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed By	Method	Prep Method
Arsenic	2.9 U	10	2.9	ug/l	1	07/19/05	07/20/05 JM	SW846 6010B [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA4451
(2) Prep QC Batch: MP8299

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
I = Indicates a result > = MDL but < RL

Report of Analysis

Client Sample ID:	PIN20-MWL3-N001		
Lab Sample ID:	F33212-4	**Date Sampled:**	07/13/05
Matrix:	AQ - Ground Water	**Date Received:**	07/14/05
		Percent Solids:	n/a
Project:	Quarterly Sampling, STAR Center, Largo, FL		

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	4.1 I	10	2.9	ug/l	1	07/19/05	07/20/05	JM	SW846 6010B [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA4451
(2) Prep QC Batch: MP8299

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
I = Indicates a result > = MDL but < RL

Report of Analysis

Client Sample ID:	PIN20-MWL2-N001		
Lab Sample ID:	F33212-5	**Date Sampled:**	07/13/05
Matrix:	AQ - Ground Water	**Date Received:**	07/14/05
		Percent Solids:	n/a
Project:	Quarterly Sampling, STAR Center, Largo, FL		

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	2.9 U	10	2.9	ug/l	1	07/19/05	07/20/05	JM	SW846 6010B [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA4451
(2) Prep QC Batch: MP8299

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
I = Indicates a result > = MDL but < RL

Report of Analysis

Client Sample ID:	PIN24-0504-N001		
Lab Sample ID:	F33212-6	**Date Sampled:**	07/13/05
Matrix:	AQ - Ground Water	**Date Received:**	07/14/05
		Percent Solids:	n/a
Project:	Quarterly Sampling, STAR Center, Largo, FL		

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed By	Method	Prep Method
Arsenic	2.9 U	10	2.9	ug/l	1	07/19/05	07/20/05 JM	SW846 6010B [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA4451
(2) Prep QC Batch: MP8299

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
I = Indicates a result > = MDL but < RL

Report of Analysis

Client Sample ID:	PIN20-M035-N001		
Lab Sample ID:	F33212-7	**Date Sampled:**	07/14/05
Matrix:	AQ - Ground Water	**Date Received:**	07/14/05
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Quarterly Sampling, STAR Center, Largo, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	J016908.D	1	07/28/05	MM	n/a	n/a	VJ705
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	0.50 U	1.0	0.50	ug/l	
75-27-4	Bromodichloromethane	0.50 U	1.0	0.50	ug/l	
75-25-2	Bromoform	0.50 U	1.0	0.50	ug/l	
108-90-7	Chlorobenzene	0.50 U	1.0	0.50	ug/l	
75-00-3	Chloroethane	1.0 U	2.0	1.0	ug/l	
67-66-3	Chloroform	0.50 U	1.0	0.50	ug/l	
110-75-8	2-Chloroethyl vinyl ether	2.5 U	5.0	2.5	ug/l	
56-23-5	Carbon tetrachloride	0.50 U	1.0	0.50	ug/l	
75-34-3	1,1-Dichloroethane	0.50 U	1.0	0.50	ug/l	
75-35-4	1,1-Dichloroethylene	0.50 U	1.0	0.50	ug/l	
107-06-2	1,2-Dichloroethane	0.50 U	1.0	0.50	ug/l	
78-87-5	1,2-Dichloropropane	0.50 U	1.0	0.50	ug/l	
124-48-1	Dibromochloromethane	0.40 U	1.0	0.40	ug/l	
75-71-8	Dichlorodifluoromethane	0.50 U	1.0	0.50	ug/l	
156-59-2	cis-1,2-Dichloroethylene	2.2	1.0	0.50	ug/l	
10061-01-5	cis-1,3-Dichloropropene	0.30 U	1.0	0.30	ug/l	
541-73-1	m-Dichlorobenzene	0.50 U	1.0	0.50	ug/l	
95-50-1	o-Dichlorobenzene	0.50 U	1.0	0.50	ug/l	
106-46-7	p-Dichlorobenzene	0.50 U	1.0	0.50	ug/l	
156-60-5	trans-1,2-Dichloroethylene	0.50 U	1.0	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	0.30 U	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	0.50 U	1.0	0.50	ug/l	
74-83-9	Methyl bromide	1.0 U	2.0	1.0	ug/l	
74-87-3	Methyl chloride	1.0 U	2.0	1.0	ug/l	
75-09-2	Methylene chloride	1.0 U	5.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	0.50 U	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	0.50 U	1.0	0.50	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	0.30 U	1.0	0.30	ug/l	
79-00-5	1,1,2-Trichloroethane	0.50 U	1.0	0.50	ug/l	
127-18-4	Tetrachloroethylene	0.50 U	1.0	0.50	ug/l	
108-88-3	Toluene	0.50 U	1.0	0.50	ug/l	
79-01-6	Trichloroethylene	0.50 U	1.0	0.50	ug/l	

U = Not detected MDL - Method Detection Limit
RL = Reporting Limit
L = Indicates value exceeds calibration range

I = Result > = MDL but < RL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	PIN20-M035-N001		
Lab Sample ID:	F33212-7	**Date Sampled:**	07/14/05
Matrix:	AQ - Ground Water	**Date Received:**	07/14/05
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Quarterly Sampling, STAR Center, Largo, FL		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-69-4	Trichlorofluoromethane	0.60 U	2.0	0.60	ug/l	
75-01-4	Vinyl chloride	0.50 U	1.0	0.50	ug/l	
	m,p-Xylene	0.50 U	2.0	0.50	ug/l	
95-47-6	o-Xylene	0.50 U	1.0	0.50	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	108%		86-115%
17060-07-0	1,2-Dichloroethane-D4	113%		73-126%
2037-26-5	Toluene-D8	99%		86-112%
460-00-4	4-Bromofluorobenzene	105%		83-119%

U = Not detected MDL - Method Detection Limit
RL = Reporting Limit
L = Indicates value exceeds calibration range

I = Result > = MDL but < RL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	PIN20-M055-N001		
Lab Sample ID:	F33212-8	**Date Sampled:**	07/14/05
Matrix:	AQ - Ground Water	**Date Received:**	07/14/05
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Quarterly Sampling, STAR Center, Largo, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	J016932.D	1	07/29/05	MM	n/a	n/a	VJ706
Run #2 [b]	J016904.D	50	07/28/05	MM	n/a	n/a	VJ705

	Purge Volume
Run #1	5.0 ml
Run #2	5.0 ml

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	0.50 U	1.0	0.50	ug/l	
75-27-4	Bromodichloromethane	0.50 U	1.0	0.50	ug/l	
75-25-2	Bromoform	0.50 U	1.0	0.50	ug/l	
108-90-7	Chlorobenzene	0.50 U	1.0	0.50	ug/l	
75-00-3	Chloroethane	1.0 U	2.0	1.0	ug/l	
67-66-3	Chloroform	0.50 U	1.0	0.50	ug/l	
110-75-8	2-Chloroethyl vinyl ether	2.5 U	5.0	2.5	ug/l	
56-23-5	Carbon tetrachloride	0.50 U	1.0	0.50	ug/l	
75-34-3	1,1-Dichloroethane	0.50 U	1.0	0.50	ug/l	
75-35-4	1,1-Dichloroethylene	0.50 U	1.0	0.50	ug/l	
107-06-2	1,2-Dichloroethane	0.50 U	1.0	0.50	ug/l	
78-87-5	1,2-Dichloropropane	0.50 U	1.0	0.50	ug/l	
124-48-1	Dibromochloromethane	0.40 U	1.0	0.40	ug/l	
75-71-8	Dichlorodifluoromethane	0.50 U	1.0	0.50	ug/l	
156-59-2	cis-1,2-Dichloroethylene	0.50 U	1.0	0.50	ug/l	
10061-01-5	cis-1,3-Dichloropropene	0.30 U	1.0	0.30	ug/l	
541-73-1	m-Dichlorobenzene	0.50 U	1.0	0.50	ug/l	
95-50-1	o-Dichlorobenzene	0.50 U	1.0	0.50	ug/l	
106-46-7	p-Dichlorobenzene	0.50 U	1.0	0.50	ug/l	
156-60-5	trans-1,2-Dichloroethylene	0.50 U	1.0	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	0.30 U	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	0.50 U	1.0	0.50	ug/l	
74-83-9	Methyl bromide	1.0 U	2.0	1.0	ug/l	
74-87-3	Methyl chloride	1.0 U	2.0	1.0	ug/l	
75-09-2	Methylene chloride	1.0 U	5.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	0.50 U	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	0.50 U	1.0	0.50	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	0.30 U	1.0	0.30	ug/l	
79-00-5	1,1,2-Trichloroethane	0.50 U	1.0	0.50	ug/l	
127-18-4	Tetrachloroethylene	0.50 U	1.0	0.50	ug/l	
108-88-3	Toluene	0.50 U	1.0	0.50	ug/l	
79-01-6	Trichloroethylene	0.50 U	1.0	0.50	ug/l	

U = Not detected MDL - Method Detection Limit
RL = Reporting Limit
L = Indicates value exceeds calibration range

I = Result > = MDL but < RL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	PIN20-M055-N001		
Lab Sample ID:	F33212-8	**Date Sampled:**	07/14/05
Matrix:	AQ - Ground Water	**Date Received:**	07/14/05
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Quarterly Sampling, STAR Center, Largo, FL		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-69-4	Trichlorofluoromethane	0.60 U	2.0	0.60	ug/l	
75-01-4	Vinyl chloride	0.50 U	1.0	0.50	ug/l	
	m,p-Xylene	0.50 U	2.0	0.50	ug/l	
95-47-6	o-Xylene	0.50 U	1.0	0.50	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	105%	106%	86-115%
17060-07-0	1,2-Dichloroethane-D4	108%	108%	73-126%
2037-26-5	Toluene-D8	97%	98%	86-112%
460-00-4	4-Bromofluorobenzene	103%	104%	83-119%

(a) Sample re-analyzed beyond hold time; reported results are considered minimum values.
(b) Confirmation run.

U = Not detected MDL - Method Detection Limit
RL = Reporting Limit
L = Indicates value exceeds calibration range

I = Result > = MDL but < RL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	PIN20-M056-N001		
Lab Sample ID:	F33212-9	**Date Sampled:**	07/14/05
Matrix:	AQ - Ground Water	**Date Received:**	07/14/05
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Quarterly Sampling, STAR Center, Largo, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	J016909.D	1	07/28/05	MM	n/a	n/a	VJ705
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	0.50 U	1.0	0.50	ug/l	
75-27-4	Bromodichloromethane	0.50 U	1.0	0.50	ug/l	
75-25-2	Bromoform	0.50 U	1.0	0.50	ug/l	
108-90-7	Chlorobenzene	0.50 U	1.0	0.50	ug/l	
75-00-3	Chloroethane	1.0 U	2.0	1.0	ug/l	
67-66-3	Chloroform	0.50 U	1.0	0.50	ug/l	
110-75-8	2-Chloroethyl vinyl ether	2.5 U	5.0	2.5	ug/l	
56-23-5	Carbon tetrachloride	0.50 U	1.0	0.50	ug/l	
75-34-3	1,1-Dichloroethane	0.50 U	1.0	0.50	ug/l	
75-35-4	1,1-Dichloroethylene	0.50 U	1.0	0.50	ug/l	
107-06-2	1,2-Dichloroethane	0.50 U	1.0	0.50	ug/l	
78-87-5	1,2-Dichloropropane	0.50 U	1.0	0.50	ug/l	
124-48-1	Dibromochloromethane	0.40 U	1.0	0.40	ug/l	
75-71-8	Dichlorodifluoromethane	0.50 U	1.0	0.50	ug/l	
156-59-2	cis-1,2-Dichloroethylene	0.50 U	1.0	0.50	ug/l	
10061-01-5	cis-1,3-Dichloropropene	0.30 U	1.0	0.30	ug/l	
541-73-1	m-Dichlorobenzene	0.50 U	1.0	0.50	ug/l	
95-50-1	o-Dichlorobenzene	0.50 U	1.0	0.50	ug/l	
106-46-7	p-Dichlorobenzene	0.50 U	1.0	0.50	ug/l	
156-60-5	trans-1,2-Dichloroethylene	0.50 U	1.0	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	0.30 U	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	0.50 U	1.0	0.50	ug/l	
74-83-9	Methyl bromide	1.0 U	2.0	1.0	ug/l	
74-87-3	Methyl chloride	1.0 U	2.0	1.0	ug/l	
75-09-2	Methylene chloride	1.0 U	5.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	0.50 U	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	0.50 U	1.0	0.50	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	0.30 U	1.0	0.30	ug/l	
79-00-5	1,1,2-Trichloroethane	0.50 U	1.0	0.50	ug/l	
127-18-4	Tetrachloroethylene	0.50 U	1.0	0.50	ug/l	
108-88-3	Toluene	0.50 U	1.0	0.50	ug/l	
79-01-6	Trichloroethylene	0.50 U	1.0	0.50	ug/l	

U = Not detected MDL - Method Detection Limit
RL = Reporting Limit
L = Indicates value exceeds calibration range

I = Result > = MDL but < RL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	PIN20-M056-N001		
Lab Sample ID:	F33212-9	**Date Sampled:**	07/14/05
Matrix:	AQ - Ground Water	**Date Received:**	07/14/05
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Quarterly Sampling, STAR Center, Largo, FL		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-69-4	Trichlorofluoromethane	0.60 U	2.0	0.60	ug/l	
75-01-4	Vinyl chloride	1.9	1.0	0.50	ug/l	
	m,p-Xylene	0.50 U	2.0	0.50	ug/l	
95-47-6	o-Xylene	0.50 U	1.0	0.50	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	108%		86-115%
17060-07-0	1,2-Dichloroethane-D4	112%		73-126%
2037-26-5	Toluene-D8	99%		86-112%
460-00-4	4-Bromofluorobenzene	103%		83-119%

U = Not detected MDL - Method Detection Limit
RL = Reporting Limit
L = Indicates value exceeds calibration range

I = Result > = MDL but < RL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	PIN20-M053-N001		
Lab Sample ID:	F33212-10	**Date Sampled:**	07/14/05
Matrix:	AQ - Ground Water	**Date Received:**	07/14/05
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Quarterly Sampling, STAR Center, Largo, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	J016910.D	1	07/28/05	MM	n/a	n/a	VJ705
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	0.50 U	1.0	0.50	ug/l	
75-27-4	Bromodichloromethane	0.50 U	1.0	0.50	ug/l	
75-25-2	Bromoform	0.50 U	1.0	0.50	ug/l	
108-90-7	Chlorobenzene	0.50 U	1.0	0.50	ug/l	
75-00-3	Chloroethane	1.0 U	2.0	1.0	ug/l	
67-66-3	Chloroform	0.50 U	1.0	0.50	ug/l	
110-75-8	2-Chloroethyl vinyl ether	2.5 U	5.0	2.5	ug/l	
56-23-5	Carbon tetrachloride	0.50 U	1.0	0.50	ug/l	
75-34-3	1,1-Dichloroethane	0.50 U	1.0	0.50	ug/l	
75-35-4	1,1-Dichloroethylene	0.50 U	1.0	0.50	ug/l	
107-06-2	1,2-Dichloroethane	0.50 U	1.0	0.50	ug/l	
78-87-5	1,2-Dichloropropane	0.50 U	1.0	0.50	ug/l	
124-48-1	Dibromochloromethane	0.40 U	1.0	0.40	ug/l	
75-71-8	Dichlorodifluoromethane	0.50 U	1.0	0.50	ug/l	
156-59-2	cis-1,2-Dichloroethylene	0.50 U	1.0	0.50	ug/l	
10061-01-5	cis-1,3-Dichloropropene	0.30 U	1.0	0.30	ug/l	
541-73-1	m-Dichlorobenzene	0.50 U	1.0	0.50	ug/l	
95-50-1	o-Dichlorobenzene	0.50 U	1.0	0.50	ug/l	
106-46-7	p-Dichlorobenzene	0.50 U	1.0	0.50	ug/l	
156-60-5	trans-1,2-Dichloroethylene	0.50 U	1.0	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	0.30 U	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	0.50 U	1.0	0.50	ug/l	
74-83-9	Methyl bromide	1.0 U	2.0	1.0	ug/l	
74-87-3	Methyl chloride	1.0 U	2.0	1.0	ug/l	
75-09-2	Methylene chloride	1.0 U	5.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	0.50 U	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	0.50 U	1.0	0.50	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	0.30 U	1.0	0.30	ug/l	
79-00-5	1,1,2-Trichloroethane	0.50 U	1.0	0.50	ug/l	
127-18-4	Tetrachloroethylene	0.50 U	1.0	0.50	ug/l	
108-88-3	Toluene	0.50 U	1.0	0.50	ug/l	
79-01-6	Trichloroethylene	0.50 U	1.0	0.50	ug/l	

U = Not detected MDL - Method Detection Limit
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L = Indicates value exceeds calibration range

I = Result > = MDL but < RL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	PIN20-M053-N001		
Lab Sample ID:	F33212-10	**Date Sampled:**	07/14/05
Matrix:	AQ - Ground Water	**Date Received:**	07/14/05
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Quarterly Sampling, STAR Center, Largo, FL		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-69-4	Trichlorofluoromethane	0.60 U	2.0	0.60	ug/l	
75-01-4	Vinyl chloride	5.3	1.0	0.50	ug/l	
	m,p-Xylene	0.50 U	2.0	0.50	ug/l	
95-47-6	o-Xylene	0.50 U	1.0	0.50	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	109%		86-115%
17060-07-0	1,2-Dichloroethane-D4	114%		73-126%
2037-26-5	Toluene-D8	99%		86-112%
460-00-4	4-Bromofluorobenzene	104%		83-119%

U = Not detected MDL - Method Detection Limit
RL = Reporting Limit
L = Indicates value exceeds calibration range

I = Result > = MDL but < RL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	PIN20-M057-N001		
Lab Sample ID:	F33212-11	**Date Sampled:**	07/14/05
Matrix:	AQ - Ground Water	**Date Received:**	07/14/05
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Quarterly Sampling, STAR Center, Largo, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	J016911.D	1	07/28/05	MM	n/a	n/a	VJ705
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	0.50 U	1.0	0.50	ug/l	
75-27-4	Bromodichloromethane	0.50 U	1.0	0.50	ug/l	
75-25-2	Bromoform	0.50 U	1.0	0.50	ug/l	
108-90-7	Chlorobenzene	0.50 U	1.0	0.50	ug/l	
75-00-3	Chloroethane	1.0 U	2.0	1.0	ug/l	
67-66-3	Chloroform	0.50 U	1.0	0.50	ug/l	
110-75-8	2-Chloroethyl vinyl ether	2.5 U	5.0	2.5	ug/l	
56-23-5	Carbon tetrachloride	0.50 U	1.0	0.50	ug/l	
75-34-3	1,1-Dichloroethane	0.50 U	1.0	0.50	ug/l	
75-35-4	1,1-Dichloroethylene	0.50 U	1.0	0.50	ug/l	
107-06-2	1,2-Dichloroethane	0.50 U	1.0	0.50	ug/l	
78-87-5	1,2-Dichloropropane	0.50 U	1.0	0.50	ug/l	
124-48-1	Dibromochloromethane	0.40 U	1.0	0.40	ug/l	
75-71-8	Dichlorodifluoromethane	0.50 U	1.0	0.50	ug/l	
156-59-2	cis-1,2-Dichloroethylene	15.1	1.0	0.50	ug/l	
10061-01-5	cis-1,3-Dichloropropene	0.30 U	1.0	0.30	ug/l	
541-73-1	m-Dichlorobenzene	0.50 U	1.0	0.50	ug/l	
95-50-1	o-Dichlorobenzene	0.50 U	1.0	0.50	ug/l	
106-46-7	p-Dichlorobenzene	0.50 U	1.0	0.50	ug/l	
156-60-5	trans-1,2-Dichloroethylene	0.50 U	1.0	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	0.30 U	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	0.50 U	1.0	0.50	ug/l	
74-83-9	Methyl bromide	1.0 U	2.0	1.0	ug/l	
74-87-3	Methyl chloride	1.0 U	2.0	1.0	ug/l	
75-09-2	Methylene chloride	1.0 U	5.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	0.50 U	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	0.50 U	1.0	0.50	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	0.30 U	1.0	0.30	ug/l	
79-00-5	1,1,2-Trichloroethane	0.50 U	1.0	0.50	ug/l	
127-18-4	Tetrachloroethylene	0.50 U	1.0	0.50	ug/l	
108-88-3	Toluene	0.50 U	1.0	0.50	ug/l	
79-01-6	Trichloroethylene	0.50 U	1.0	0.50	ug/l	

U = Not detected MDL - Method Detection Limit
RL = Reporting Limit
L = Indicates value exceeds calibration range

I = Result > = MDL but < RL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	PIN20-M057-N001		
Lab Sample ID:	F33212-11	**Date Sampled:**	07/14/05
Matrix:	AQ - Ground Water	**Date Received:**	07/14/05
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Quarterly Sampling, STAR Center, Largo, FL		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-69-4	Trichlorofluoromethane	0.60 U	2.0	0.60	ug/l	
75-01-4	Vinyl chloride	3.6	1.0	0.50	ug/l	
	m,p-Xylene	0.50 U	2.0	0.50	ug/l	
95-47-6	o-Xylene	0.50 U	1.0	0.50	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	110%		86-115%
17060-07-0	1,2-Dichloroethane-D4	113%		73-126%
2037-26-5	Toluene-D8	99%		86-112%
460-00-4	4-Bromofluorobenzene	103%		83-119%

U = Not detected MDL - Method Detection Limit
RL = Reporting Limit
L = Indicates value exceeds calibration range

I = Result > = MDL but < RL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	PIN20-M18D-N001		
Lab Sample ID:	F33212-12	**Date Sampled:**	07/14/05
Matrix:	AQ - Ground Water	**Date Received:**	07/14/05
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Quarterly Sampling, STAR Center, Largo, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	J016912.D	1	07/28/05	MM	n/a	n/a	VJ705
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	0.50 U	1.0	0.50	ug/l	
75-27-4	Bromodichloromethane	0.50 U	1.0	0.50	ug/l	
75-25-2	Bromoform	0.50 U	1.0	0.50	ug/l	
108-90-7	Chlorobenzene	0.50 U	1.0	0.50	ug/l	
75-00-3	Chloroethane	1.0 U	2.0	1.0	ug/l	
67-66-3	Chloroform	0.50 U	1.0	0.50	ug/l	
110-75-8	2-Chloroethyl vinyl ether	2.5 U	5.0	2.5	ug/l	
56-23-5	Carbon tetrachloride	0.50 U	1.0	0.50	ug/l	
75-34-3	1,1-Dichloroethane	0.50 U	1.0	0.50	ug/l	
75-35-4	1,1-Dichloroethylene	0.50 U	1.0	0.50	ug/l	
107-06-2	1,2-Dichloroethane	0.50 U	1.0	0.50	ug/l	
78-87-5	1,2-Dichloropropane	0.50 U	1.0	0.50	ug/l	
124-48-1	Dibromochloromethane	0.40 U	1.0	0.40	ug/l	
75-71-8	Dichlorodifluoromethane	0.50 U	1.0	0.50	ug/l	
156-59-2	cis-1,2-Dichloroethylene	13.6	1.0	0.50	ug/l	
10061-01-5	cis-1,3-Dichloropropene	0.30 U	1.0	0.30	ug/l	
541-73-1	m-Dichlorobenzene	0.50 U	1.0	0.50	ug/l	
95-50-1	o-Dichlorobenzene	0.50 U	1.0	0.50	ug/l	
106-46-7	p-Dichlorobenzene	0.50 U	1.0	0.50	ug/l	
156-60-5	trans-1,2-Dichloroethylene	0.55	1.0	0.50	ug/l	I
10061-02-6	trans-1,3-Dichloropropene	0.30 U	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	0.50 U	1.0	0.50	ug/l	
74-83-9	Methyl bromide	1.0 U	2.0	1.0	ug/l	
74-87-3	Methyl chloride	1.0 U	2.0	1.0	ug/l	
75-09-2	Methylene chloride	1.0 U	5.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	0.50 U	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	0.50 U	1.0	0.50	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	0.30 U	1.0	0.30	ug/l	
79-00-5	1,1,2-Trichloroethane	0.50 U	1.0	0.50	ug/l	
127-18-4	Tetrachloroethylene	0.50 U	1.0	0.50	ug/l	
108-88-3	Toluene	0.50 U	1.0	0.50	ug/l	
79-01-6	Trichloroethylene	0.50 U	1.0	0.50	ug/l	

U = Not detected MDL - Method Detection Limit
RL = Reporting Limit
L = Indicates value exceeds calibration range

I = Result > = MDL but < RL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	PIN20-M18D-N001		
Lab Sample ID:	F33212-12	**Date Sampled:**	07/14/05
Matrix:	AQ - Ground Water	**Date Received:**	07/14/05
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Quarterly Sampling, STAR Center, Largo, FL		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-69-4	Trichlorofluoromethane	0.60 U	2.0	0.60	ug/l	
75-01-4	Vinyl chloride	6.8	1.0	0.50	ug/l	
	m,p-Xylene	0.50 U	2.0	0.50	ug/l	
95-47-6	o-Xylene	0.50 U	1.0	0.50	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	110%		86-115%
17060-07-0	1,2-Dichloroethane-D4	114%		73-126%
2037-26-5	Toluene-D8	100%		86-112%
460-00-4	4-Bromofluorobenzene	103%		83-119%

U = Not detected MDL - Method Detection Limit
RL = Reporting Limit
L = Indicates value exceeds calibration range

I = Result > = MDL but < RL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

F33212

Young-Rainey Star Center 4.5 Acre Quarterly Sampling

S.M. Stoller, 7887 Bryan Dairy Rd. Suite 260, Largo, FL 33777, tel. 727-541-8103, fax 727-549-1121

4406 Vineland Rd. Suite C-1[illegible], Orlando, FL 32811 tel 407-425-6700 fax 407-425-0707

Sample Matrix is Groundwater, samples are preserved on ice. Temp._____ C

Sample number	Sample ID	Date	Time	Sampled by	No. Bottles	VOC 8260 preserved w/HCl	Arsenic preserved w/HNO3	Fl-Pro preserved w/HCl				Samplers Notes	Lab Use Only
1	PIN24-0505-N001	7-13-05	1010	SC	3	X							
2	PIN20-MWL6-N001	7-13-05	1055	DM	1		1						
3	PIN20-MWL4-N001	7-13-05	1345	SC	1		1						
4	PIN20-MWL3-N001	7-13-05	1430	SC	1		1						
5	PIN20-MWL2-N001	7-13-05	1550		1		1						
6	PIN24-0504-N001	7-13-05	1558		1		1						
7	PIN20-M035-N001	7-14-05	0800	SC	3	3							
8	PIN20-M055-N001	7-14-05	0840	SC	3	3							
9	PIN20-M056-N001	7-14-05	0910	SC	3	3							
10	PIN20-M053-N001	7-14-05	0940	SC	3	3							
11	PIN20-M057-N001	7-14-05	1015	SC	3	3							
12	PIN20-M18D-N001	7-14-05	1045	SC	3	3							

This is a preprinted list. Samples not included in this shipment are lined out

Relinquished by Sampler	Date	Time	Received by Courier	Date	Time
Dale M. Martinez	7/14/05	1:30	Steven C. Doff	7-14-05	1:30
Relinquished by Courier	Date	Time	Received by Laboratory	Date	Time
Joseph C. Doff	7-14-05	3:35	[illegible]	7-14-05	15:35

Data Turnaround	
std	
48 hr	
24 hr	

3.0

4.1

4

F33212: Chain of Custody

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ACCUTEST Laboratories

F33212

ACCUTEST LABORATORIES SAMPLE RECEIPT CONFIRMATION

ACCUTEST'S JOB NUMBER: F33212 CLIENT: S.M. Stoller PROJECT: Young - Rainey

DATE/TIME RECEIVED: 7-14-05 / 15:35 # OF COOLERS RECEIVED: 1 COOLER TEMPS: 3.0

METHOD OF DELIVERY: FEDEX UPS ACCUTEST COURIER GREYHOUND DELIVERY OTHER

AIRBILL NUMBERS:

COOLER INFORMATION

- [ ] CUSTODY SEAL NOT PRESENT OR NOT INTACT
- [ ] NO COC RECEIVED
- [ ] ANALYSIS REQUESTED IS UNCLEAR OR MISSING
- [ ] SAMPLE DATES OR TIMES UNCLEAR OR MISSING
- [ ] TEMPERATURE CRITERIA NOT MET

TRIP BLANK INFORMATION

- [x] TRIP BLANK NOT PROVIDED
- [x] TRIP BLANK NOT ON COC
- [ ] TRIP BLANK INTACT
- [ ] TRIP BLANK NOT INTACT
- [ ] RECEIVED WATER TRIP BLANK
- [ ] RECEIVED SOIL TRIP BLANK

SAMPLE INFORMATION

- [ ] SAMPLE LABELS PRESENT ON ALL BOTTLES
- [ ] CORRECT NUMBER OF CONTAINERS USED
- [ ] SAMPLE RECEIVED IMPROPERLY PRESERVED
- [ ] INSUFFICIENT VOLUME FOR ANALYSIS
- [ ] TIMES ON COC DON'T MATCH LABEL
- [ ] ID'S ON COC DON'T MATCH LABEL
- [ ] VOC VIALS HAVE HEADSPACE (MACRO BUBBLES)
- [ ] BOTTLES RECEIVED BUT ANALYSIS NOT REQUESTED
- [ ] NO BOTTLES RECEIVED FOR ANALYSIS REQUESTED
- [ ] UNCLEAR FILTERING INSTRUCTIONS
- [ ] UNCLEAR COMPOSITING INSTRUCTIONS
- [ ] SAMPLE(S) RECEIVED BROKEN
- [ ] % SOLIDS JAR NOT RECEIVED

SOIL INFORMATION

NUMBER OF ENCORES ? Ø

NUMBER OF 5035 FIELD KITS ? Ø

SUMMARY OF COMMENTS:

TECHNICIAN SIGNATURE/DATE [signature] 7-14-05 TECHNICIAN SIGNATURE/DATE [signature]

ASBD06/22/05

4.1

4

F33212: Chain of Custody
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GC/MS Volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries

Method Blank Summary

Job Number: F33212
Account: STOLCOGJ S M Stoller
Project: Quarterly Sampling, STAR Center, Largo, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VJ704-MB	J016878.D	1	07/27/05	MM	n/a	n/a	VJ704

The QC reported here applies to the following samples: **Method:** SW846 8260B

F33212-1

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.50	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.50	ug/l	
75-25-2	Bromoform	ND	1.0	0.50	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.50	ug/l	
75-00-3	Chloroethane	ND	2.0	1.0	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
110-75-8	2-Chloroethyl vinyl ether	ND	5.0	2.5	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.50	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.50	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.50	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.50	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.50	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.40	ug/l	
75-71-8	Dichlorodifluoromethane	ND	1.0	0.50	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	1.0	0.50	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.30	ug/l	
541-73-1	m-Dichlorobenzene	ND	1.0	0.50	ug/l	
95-50-1	o-Dichlorobenzene	ND	1.0	0.50	ug/l	
106-46-7	p-Dichlorobenzene	ND	1.0	0.50	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.50	ug/l	
74-83-9	Methyl bromide	ND	2.0	1.0	ug/l	
74-87-3	Methyl chloride	ND	2.0	1.0	ug/l	
75-09-2	Methylene chloride	ND	5.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.50	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.30	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.50	ug/l	
127-18-4	Tetrachloroethylene	ND	1.0	0.50	ug/l	
108-88-3	Toluene	ND	1.0	0.50	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.50	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.60	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.50	ug/l	
	m,p-Xylene	ND	2.0	0.50	ug/l	
95-47-6	o-Xylene	ND	1.0	0.50	ug/l	

Method Blank Summary

Job Number: F33212
Account: STOLCOGJ S M Stoller
Project: Quarterly Sampling, STAR Center, Largo, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VJ704-MB	J016878.D	1	07/27/05	MM	n/a	n/a	VJ704

The QC reported here applies to the following samples: **Method:** SW846 8260B

F33212-1

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	103%	86-115%
17060-07-0	1,2-Dichloroethane-D4	102%	73-126%
2037-26-5	Toluene-D8	99%	86-112%
460-00-4	4-Bromofluorobenzene	105%	83-119%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Volatile		0	ug/l	

Method Blank Summary

Job Number: F33212
Account: STOLCOGJ S M Stoller
Project: Quarterly Sampling, STAR Center, Largo, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VJ705-MB	J016902.D	1	07/28/05	MM	n/a	n/a	VJ705

The QC reported here applies to the following samples: **Method:** SW846 8260B

F33212-7, F33212-9, F33212-10, F33212-11, F33212-12

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.50	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.50	ug/l	
75-25-2	Bromoform	ND	1.0	0.50	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.50	ug/l	
75-00-3	Chloroethane	ND	2.0	1.0	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
110-75-8	2-Chloroethyl vinyl ether	ND	5.0	2.5	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.50	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.50	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.50	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.50	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.50	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.40	ug/l	
75-71-8	Dichlorodifluoromethane	ND	1.0	0.50	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	1.0	0.50	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.30	ug/l	
541-73-1	m-Dichlorobenzene	ND	1.0	0.50	ug/l	
95-50-1	o-Dichlorobenzene	ND	1.0	0.50	ug/l	
106-46-7	p-Dichlorobenzene	ND	1.0	0.50	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.50	ug/l	
74-83-9	Methyl bromide	ND	2.0	1.0	ug/l	
74-87-3	Methyl chloride	ND	2.0	1.0	ug/l	
75-09-2	Methylene chloride	ND	5.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.50	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.30	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.50	ug/l	
127-18-4	Tetrachloroethylene	ND	1.0	0.50	ug/l	
108-88-3	Toluene	ND	1.0	0.50	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.50	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.60	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.50	ug/l	
	m,p-Xylene	ND	2.0	0.50	ug/l	
95-47-6	o-Xylene	ND	1.0	0.50	ug/l	

Method Blank Summary

Job Number: F33212
Account: STOLCOGJ S M Stoller
Project: Quarterly Sampling, STAR Center, Largo, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VJ705-MB	J016902.D	1	07/28/05	MM	n/a	n/a	VJ705

The QC reported here applies to the following samples: **Method:** SW846 8260B

F33212-7, F33212-9, F33212-10, F33212-11, F33212-12

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	106%	86-115%
17060-07-0	1,2-Dichloroethane-D4	106%	73-126%
2037-26-5	Toluene-D8	100%	86-112%
460-00-4	4-Bromofluorobenzene	104%	83-119%

Method Blank Summary

Job Number: F33212
Account: STOLCOGJ S M Stoller
Project: Quarterly Sampling, STAR Center, Largo, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VJ706-MB	J016931.D	1	07/29/05	MM	n/a	n/a	VJ706

The QC reported here applies to the following samples: **Method:** SW846 8260B

F33212-8

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.50	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.50	ug/l	
75-25-2	Bromoform	ND	1.0	0.50	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.50	ug/l	
75-00-3	Chloroethane	ND	2.0	1.0	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
110-75-8	2-Chloroethyl vinyl ether	ND	5.0	2.5	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.50	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.50	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.50	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.50	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.50	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.40	ug/l	
75-71-8	Dichlorodifluoromethane	ND	1.0	0.50	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	1.0	0.50	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.30	ug/l	
541-73-1	m-Dichlorobenzene	ND	1.0	0.50	ug/l	
95-50-1	o-Dichlorobenzene	ND	1.0	0.50	ug/l	
106-46-7	p-Dichlorobenzene	ND	1.0	0.50	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.50	ug/l	
74-83-9	Methyl bromide	ND	2.0	1.0	ug/l	
74-87-3	Methyl chloride	ND	2.0	1.0	ug/l	
75-09-2	Methylene chloride	ND	5.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.50	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.30	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.50	ug/l	
127-18-4	Tetrachloroethylene	ND	1.0	0.50	ug/l	
108-88-3	Toluene	ND	1.0	0.50	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.50	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.60	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.50	ug/l	
	m,p-Xylene	ND	2.0	0.50	ug/l	
95-47-6	o-Xylene	ND	1.0	0.50	ug/l	

Method Blank Summary

Job Number: F33212
Account: STOLCOGJ S M Stoller
Project: Quarterly Sampling, STAR Center, Largo, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VJ706-MB	J016931.D	1	07/29/05	MM	n/a	n/a	VJ706

The QC reported here applies to the following samples: **Method:** SW846 8260B

F33212-8

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	105%	86-115%
17060-07-0	1,2-Dichloroethane-D4	106%	73-126%
2037-26-5	Toluene-D8	97%	86-112%
460-00-4	4-Bromofluorobenzene	103%	83-119%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Volatile		0	ug/l	

Blank Spike Summary

Job Number: F33212
Account: STOLCOGJ S M Stoller
Project: Quarterly Sampling, STAR Center, Largo, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VJ704-BS	J016877.D	1	07/27/05	MM	n/a	n/a	VJ704

The QC reported here applies to the following samples: **Method:** SW846 8260B

F33212-1

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
71-43-2	Benzene	25	25.6	102	80-120
75-27-4	Bromodichloromethane	25	25.9	104	75-120
75-25-2	Bromoform	25	22.3	89	60-129
108-90-7	Chlorobenzene	25	25.8	103	82-112
75-00-3	Chloroethane	25	31.6	126	67-148
67-66-3	Chloroform	25	26.4	106	78-118
110-75-8	2-Chloroethyl vinyl ether	125	149	119	23-132
56-23-5	Carbon tetrachloride	25	27.4	110	69-137
75-34-3	1,1-Dichloroethane	25	26.3	105	75-117
75-35-4	1,1-Dichloroethylene	25	25.4	102	67-134
107-06-2	1,2-Dichloroethane	25	24.9	100	68-121
78-87-5	1,2-Dichloropropane	25	25.5	102	78-122
124-48-1	Dibromochloromethane	25	24.3	97	68-118
75-71-8	Dichlorodifluoromethane	25	30.5	122	43-173
156-59-2	cis-1,2-Dichloroethylene	25	25.1	100	81-120
10061-01-5	cis-1,3-Dichloropropene	25	25.3	101	73-115
541-73-1	m-Dichlorobenzene	25	25.5	102	78-116
95-50-1	o-Dichlorobenzene	25	25.0	100	77-115
106-46-7	p-Dichlorobenzene	25	25.2	101	77-113
156-60-5	trans-1,2-Dichloroethylene	25	25.8	103	74-125
10061-02-6	trans-1,3-Dichloropropene	25	27.0	108	69-115
100-41-4	Ethylbenzene	25	25.6	102	82-115
74-83-9	Methyl bromide	25	30.7	123	60-165
74-87-3	Methyl chloride	25	29.4	118	58-152
75-09-2	Methylene chloride	25	24.7	99	66-125
1634-04-4	Methyl Tert Butyl Ether	25	25.3	101	67-127
71-55-6	1,1,1-Trichloroethane	25	27.5	110	78-132
79-34-5	1,1,2,2-Tetrachloroethane	25	23.4	94	67-119
79-00-5	1,1,2-Trichloroethane	25	23.4	94	74-115
127-18-4	Tetrachloroethylene	25	26.1	104	75-126
108-88-3	Toluene	25	26.0	104	81-114
79-01-6	Trichloroethylene	25	26.0	104	80-115
75-69-4	Trichlorofluoromethane	25	29.5	118	65-163
75-01-4	Vinyl chloride	25	31.7	127	70-151
	m,p-Xylene	50	52.3	105	83-118
95-47-6	o-Xylene	25	26.3	105	77-119

Blank Spike Summary

Job Number: F33212
Account: STOLCOGJ S M Stoller
Project: Quarterly Sampling, STAR Center, Largo, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VJ704-BS	J016877.D	1	07/27/05	MM	n/a	n/a	VJ704

The QC reported here applies to the following samples: **Method:** SW846 8260B

F33212-1

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	102%	86-115%
17060-07-0	1,2-Dichloroethane-D4	104%	73-126%
2037-26-5	Toluene-D8	99%	86-112%
460-00-4	4-Bromofluorobenzene	100%	83-119%

Blank Spike Summary

Job Number: F33212
Account: STOLCOGJ S M Stoller
Project: Quarterly Sampling, STAR Center, Largo, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VJ705-BS	J016901.D	1	07/28/05	MM	n/a	n/a	VJ705

The QC reported here applies to the following samples: **Method:** SW846 8260B

F33212-7, F33212-9, F33212-10, F33212-11, F33212-12

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
71-43-2	Benzene	25	25.4	102	80-120
75-27-4	Bromodichloromethane	25	26.2	105	75-120
75-25-2	Bromoform	25	22.7	91	60-129
108-90-7	Chlorobenzene	25	25.5	102	82-112
75-00-3	Chloroethane	25	35.9	144	67-148
67-66-3	Chloroform	25	26.9	108	78-118
110-75-8	2-Chloroethyl vinyl ether	125	152	122	23-132
56-23-5	Carbon tetrachloride	25	28.6	114	69-137
75-34-3	1,1-Dichloroethane	25	26.8	107	75-117
75-35-4	1,1-Dichloroethylene	25	26.8	107	67-134
107-06-2	1,2-Dichloroethane	25	26.2	105	68-121
78-87-5	1,2-Dichloropropane	25	25.1	100	78-122
124-48-1	Dibromochloromethane	25	24.5	98	68-118
75-71-8	Dichlorodifluoromethane	25	31.1	124	43-173
156-59-2	cis-1,2-Dichloroethylene	25	24.9	100	81-120
10061-01-5	cis-1,3-Dichloropropene	25	25.4	102	73-115
541-73-1	m-Dichlorobenzene	25	24.7	99	78-116
95-50-1	o-Dichlorobenzene	25	24.7	99	77-115
106-46-7	p-Dichlorobenzene	25	25.0	100	77-113
156-60-5	trans-1,2-Dichloroethylene	25	26.1	104	74-125
10061-02-6	trans-1,3-Dichloropropene	25	26.9	108	69-115
100-41-4	Ethylbenzene	25	24.9	100	82-115
74-83-9	Methyl bromide	25	35.5	142	60-165
74-87-3	Methyl chloride	25	32.1	128	58-152
75-09-2	Methylene chloride	25	25.4	102	66-125
1634-04-4	Methyl Tert Butyl Ether	25	26.6	106	67-127
71-55-6	1,1,1-Trichloroethane	25	28.0	112	78-132
79-34-5	1,1,2,2-Tetrachloroethane	25	24.2	97	67-119
79-00-5	1,1,2-Trichloroethane	25	23.9	96	74-115
127-18-4	Tetrachloroethylene	25	24.9	100	75-126
108-88-3	Toluene	25	25.2	101	81-114
79-01-6	Trichloroethylene	25	26.1	104	80-115
75-69-4	Trichlorofluoromethane	25	33.8	135	65-163
75-01-4	Vinyl chloride	25	34.5	138	70-151
	m,p-Xylene	50	51.2	102	83-118
95-47-6	o-Xylene	25	25.4	102	77-119

Blank Spike Summary

Job Number: F33212
Account: STOLCOGJ S M Stoller
Project: Quarterly Sampling, STAR Center, Largo, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VJ705-BS	J016901.D	1	07/28/05	MM	n/a	n/a	VJ705

The QC reported here applies to the following samples: **Method:** SW846 8260B

F33212-7, F33212-9, F33212-10, F33212-11, F33212-12

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	107%	86-115%
17060-07-0	1,2-Dichloroethane-D4	110%	73-126%
2037-26-5	Toluene-D8	99%	86-112%
460-00-4	4-Bromofluorobenzene	101%	83-119%

Blank Spike Summary

Job Number: F33212
Account: STOLCOGJ S M Stoller
Project: Quarterly Sampling, STAR Center, Largo, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VJ706-BS	J016930.D	1	07/29/05	MM	n/a	n/a	VJ706

The QC reported here applies to the following samples: **Method:** SW846 8260B

F33212-8

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
71-43-2	Benzene	25	25.1	100	80-120
75-27-4	Bromodichloromethane	25	25.6	102	75-120
75-25-2	Bromoform	25	21.6	86	60-129
108-90-7	Chlorobenzene	25	24.6	98	82-112
75-00-3	Chloroethane	25	32.4	130	67-148
67-66-3	Chloroform	25	26.0	104	78-118
110-75-8	2-Chloroethyl vinyl ether	125	147	118	23-132
56-23-5	Carbon tetrachloride	25	27.5	110	69-137
75-34-3	1,1-Dichloroethane	25	25.9	104	75-117
75-35-4	1,1-Dichloroethylene	25	25.4	102	67-134
107-06-2	1,2-Dichloroethane	25	25.4	102	68-121
78-87-5	1,2-Dichloropropane	25	25.1	100	78-122
124-48-1	Dibromochloromethane	25	23.1	92	68-118
75-71-8	Dichlorodifluoromethane	25	38.7	155	43-173
156-59-2	cis-1,2-Dichloroethylene	25	24.5	98	81-120
10061-01-5	cis-1,3-Dichloropropene	25	24.7	99	73-115
541-73-1	m-Dichlorobenzene	25	24.0	96	78-116
95-50-1	o-Dichlorobenzene	25	23.6	94	77-115
106-46-7	p-Dichlorobenzene	25	23.9	96	77-113
156-60-5	trans-1,2-Dichloroethylene	25	25.4	102	74-125
10061-02-6	trans-1,3-Dichloropropene	25	25.9	104	69-115
100-41-4	Ethylbenzene	25	24.3	97	82-115
74-83-9	Methyl bromide	25	32.0	128	60-165
74-87-3	Methyl chloride	25	31.0	124	58-152
75-09-2	Methylene chloride	25	24.8	99	66-125
1634-04-4	Methyl Tert Butyl Ether	25	25.4	102	67-127
71-55-6	1,1,1-Trichloroethane	25	27.8	111	78-132
79-34-5	1,1,2,2-Tetrachloroethane	25	22.9	92	67-119
79-00-5	1,1,2-Trichloroethane	25	22.7	91	74-115
127-18-4	Tetrachloroethylene	25	25.0	100	75-126
108-88-3	Toluene	25	24.7	99	81-114
79-01-6	Trichloroethylene	25	25.6	102	80-115
75-69-4	Trichlorofluoromethane	25	32.7	131	65-163
75-01-4	Vinyl chloride	25	32.2	129	70-151
	m,p-Xylene	50	49.9	100	83-118
95-47-6	o-Xylene	25	24.8	99	77-119

Blank Spike Summary

Job Number: F33212
Account: STOLCOGJ S M Stoller
Project: Quarterly Sampling, STAR Center, Largo, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VJ706-BS	J016930.D	1	07/29/05	MM	n/a	n/a	VJ706

The QC reported here applies to the following samples: **Method:** SW846 8260B

F33212-8

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	104%	86-115%
17060-07-0	1,2-Dichloroethane-D4	108%	73-126%
2037-26-5	Toluene-D8	98%	86-112%
460-00-4	4-Bromofluorobenzene	102%	83-119%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F33212
Account: STOLCOGJ S M Stoller
Project: Quarterly Sampling, STAR Center, Largo, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
F33212-1MS	J016888.D	1	07/27/05	MM	n/a	n/a	VJ704
F33212-1MSD	J016889.D	1	07/27/05	MM	n/a	n/a	VJ704
F33212-1	J016885.D	1	07/27/05	MM	n/a	n/a	VJ704

The QC reported here applies to the following samples: **Method:** SW846 8260B

F33212-1

CAS No.	Compound	F33212-1 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	1.0 U		25	22.2	89	21.6	86	3	72-125/7
75-27-4	Bromodichloromethane	1.0 U		25	23.0	92	22.7	91	1	72-120/8
75-25-2	Bromoform	1.0 U		25	19.6	78	19.9	80	2	55-127/11
108-90-7	Chlorobenzene	1.0 U		25	22.4	90	21.9	88	2	79-113/7
75-00-3	Chloroethane	2.0 U		25	38.0	152	36.8	147	3	56-164/14
67-66-3	Chloroform	1.0 U		25	23.3	93	22.8	91	2	75-120/8
110-75-8	2-Chloroethyl vinyl ether	5.0 U		125	ND	0*	ND	0*	nc	8-137/18
56-23-5	Carbon tetrachloride	1.0 U		25	24.9	100	23.5	94	6	56-145/12
75-34-3	1,1-Dichloroethane	1.0 U		25	22.9	92	22.2	89	3	70-122/10
75-35-4	1,1-Dichloroethylene	1.0 U		25	22.7	91	22.0	88	3	61-137/15
107-06-2	1,2-Dichloroethane	1.0 U		25	23.3	93	22.7	91	3	64-124/7
78-87-5	1,2-Dichloropropane	1.0 U		25	21.7	87	21.4	86	1	74-123/8
124-48-1	Dibromochloromethane	1.0 U		25	21.0	84	21.3	85	1	63-119/9
75-71-8	Dichlorodifluoromethane	1.0 U		25	32.5	130	32.5	130	0	35-184/21
156-59-2	cis-1,2-Dichloroethylene	1.0 U		25	20.9	84	20.9	84	0	74-125/9
10061-01-5	cis-1,3-Dichloropropene	1.0 U		25	21.0	84	20.5	82	2	65-112/10
541-73-1	m-Dichlorobenzene	1.0 U		25	21.8	87	21.5	86	1	74-114/7
95-50-1	o-Dichlorobenzene	1.0 U		25	21.6	86	21.4	86	1	73-114/8
106-46-7	p-Dichlorobenzene	1.0 U		25	21.8	87	21.6	86	1	74-112/7
156-60-5	trans-1,2-Dichloroethylene	1.0 U		25	22.1	88	21.7	87	2	70-127/11
10061-02-6	trans-1,3-Dichloropropene	1.0 U		25	23.4	94	23.0	92	2	59-116/11
100-41-4	Ethylbenzene	1.0 U		25	22.0	88	21.4	86	3	73-119/8
74-83-9	Methyl bromide	2.0 U		25	37.5	150	36.4	146	3	52-172/16
74-87-3	Methyl chloride	2.0 U		25	32.8	131	33.8	135	3	53-155/19
75-09-2	Methylene chloride	5.0 U		25	21.6	86	21.3	85	1	61-129/11
1634-04-4	Methyl Tert Butyl Ether	1.0 U		25	22.4	90	22.8	91	2	61-129/9
71-55-6	1,1,1-Trichloroethane	1.0 U		25	24.3	97	23.5	94	3	72-133/8
79-34-5	1,1,2,2-Tetrachloroethane	1.0 U		25	21.8	87	21.8	87	0	64-120/10
79-00-5	1,1,2-Trichloroethane	1.0 U		25	20.8	83	20.9	84	0	72-116/9
127-18-4	Tetrachloroethylene	1.0 U		25	21.6	86	21.0	84	3	70-126/9
108-88-3	Toluene	1.0 U		25	21.9	88	21.3	85	3	67-123/8
79-01-6	Trichloroethylene	1.0 U		25	22.7	91	22.2	89	2	73-117/10
75-69-4	Trichlorofluoromethane	2.0 U		25	35.6	142	34.4	138	3	52-164/16
75-01-4	Vinyl chloride	1.0 U		25	35.6	142	36.8	147	3	63-161/18
	m,p-Xylene	2.0 U		50	44.9	90	43.6	87	3	74-123/7
95-47-6	o-Xylene	1.0 U		25	22.0	88	21.7	87	1	68-123/7

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F33212
Account: STOLCOGJ S M Stoller
Project: Quarterly Sampling, STAR Center, Largo, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
F33212-1MS	J016888.D	1	07/27/05	MM	n/a	n/a	VJ704
F33212-1MSD	J016889.D	1	07/27/05	MM	n/a	n/a	VJ704
F33212-1	J016885.D	1	07/27/05	MM	n/a	n/a	VJ704

The QC reported here applies to the following samples: **Method:** SW846 8260B

F33212-1

CAS No.	Surrogate Recoveries	MS	MSD	F33212-1	Limits
1868-53-7	Dibromofluoromethane	106%	107%	105%	86-115%
17060-07-0	1,2-Dichloroethane-D4	111%	110%	108%	73-126%
2037-26-5	Toluene-D8	97%	97%	98%	86-112%
460-00-4	4-Bromofluorobenzene	99%	100%	105%	83-119%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F33212
Account: STOLCOGJ S M Stoller
Project: Quarterly Sampling, STAR Center, Largo, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
F33219-10MS	J016915.D	1	07/28/05	MM	n/a	n/a	VJ705
F33219-10MSD	J016916.D	1	07/28/05	MM	n/a	n/a	VJ705
F33219-10	J016914.D	1	07/28/05	MM	n/a	n/a	VJ705

The QC reported here applies to the following samples: **Method:** SW846 8260B

F33212-7, F33212-9, F33212-10, F33212-11, F33212-12

CAS No.	Compound	F33219-10 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	ND		25	24.0	96	23.3	93	3	72-125/7
75-27-4	Bromodichloromethane	ND		25	25.7	103	25.0	100	3	72-120/8
75-25-2	Bromoform	ND		25	22.0	88	21.4	86	3	55-127/11
108-90-7	Chlorobenzene	ND		25	24.6	98	23.6	94	4	79-113/7
75-00-3	Chloroethane	ND		25	34.9	140	33.6	134	4	56-164/14
67-66-3	Chloroform	ND		25	26.6	106	25.5	102	4	75-120/8
110-75-8	2-Chloroethyl vinyl ether	ND		125	ND	0*	ND	0*	nc	8-137/18
56-23-5	Carbon tetrachloride	ND		25	28.0	112	27.0	108	4	56-145/12
75-34-3	1,1-Dichloroethane	ND		25	25.2	101	24.1	96	4	70-122/10
75-35-4	1,1-Dichloroethylene	ND		25	25.3	101	24.5	98	3	61-137/15
107-06-2	1,2-Dichloroethane	ND		25	26.9	108	25.8	103	4	64-124/7
78-87-5	1,2-Dichloropropane	ND		25	23.8	95	23.3	93	2	74-123/8
124-48-1	Dibromochloromethane	ND		25	23.3	93	23.0	92	1	63-119/9
75-71-8	Dichlorodifluoromethane	ND		25	27.3	109	27.7	111	1	35-184/21
156-59-2	cis-1,2-Dichloroethylene	ND		25	22.6	90	22.3	89	1	74-125/9
10061-01-5	cis-1,3-Dichloropropene	ND		25	22.4	90	22.1	88	1	65-112/10
541-73-1	m-Dichlorobenzene	ND		25	23.2	93	22.7	91	2	74-114/7
95-50-1	o-Dichlorobenzene	ND		25	23.5	94	23.1	92	2	73-114/8
106-46-7	p-Dichlorobenzene	ND		25	23.4	94	23.1	92	1	74-112/7
156-60-5	trans-1,2-Dichloroethylene	ND		25	24.6	98	23.8	95	3	70-127/11
10061-02-6	trans-1,3-Dichloropropene	ND		25	25.6	102	25.4	102	1	59-116/11
100-41-4	Ethylbenzene	ND		25	23.6	94	22.9	92	3	73-119/8
74-83-9	Methyl bromide	ND		25	34.3	137	32.6	130	5	52-172/16
74-87-3	Methyl chloride	ND		25	27.4	110	28.6	114	4	53-155/19
75-09-2	Methylene chloride	ND		25	24.1	96	23.7	95	2	61-129/11
1634-04-4	Methyl Tert Butyl Ether	ND		25	25.1	100	25.3	101	1	61-129/9
71-55-6	1,1,1-Trichloroethane	ND		25	27.5	110	26.3	105	4	72-133/8
79-34-5	1,1,2,2-Tetrachloroethane	ND		25	23.9	96	24.1	96	1	64-120/10
79-00-5	1,1,2-Trichloroethane	ND		25	22.9	92	22.6	90	1	72-116/9
127-18-4	Tetrachloroethylene	ND		25	23.1	92	22.8	91	1	70-126/9
108-88-3	Toluene	ND		25	23.4	94	23.1	92	1	67-123/8
79-01-6	Trichloroethylene	ND		25	25.3	101	24.6	98	3	73-117/10
75-69-4	Trichlorofluoromethane	ND		25	33.8	135	31.7	127	6	52-164/16
75-01-4	Vinyl chloride	ND		25	32.0	128	32.5	130	2	63-161/18
	m,p-Xylene	ND		50	49.1	98	47.6	95	3	74-123/7
95-47-6	o-Xylene	ND		25	23.8	95	23.2	93	3	68-123/7

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F33212
Account: STOLCOGJ S M Stoller
Project: Quarterly Sampling, STAR Center, Largo, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
F33219-10MS	J016915.D	1	07/28/05	MM	n/a	n/a	VJ705
F33219-10MSD	J016916.D	1	07/28/05	MM	n/a	n/a	VJ705
F33219-10	J016914.D	1	07/28/05	MM	n/a	n/a	VJ705

The QC reported here applies to the following samples: **Method:** SW846 8260B

F33212-7, F33212-9, F33212-10, F33212-11, F33212-12

CAS No.	Surrogate Recoveries	MS	MSD	F33219-10	Limits
1868-53-7	Dibromofluoromethane	110%	108%	110%	86-115%
17060-07-0	1,2-Dichloroethane-D4	117%	114%	115%	73-126%
2037-26-5	Toluene-D8	95%	96%	99%	86-112%
460-00-4	4-Bromofluorobenzene	96%	97%	103%	83-119%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F33212
Account: STOLCOGJ S M Stoller
Project: Quarterly Sampling, STAR Center, Largo, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
F33447-3MS	J016938.D	1	07/29/05	MM	n/a	n/a	VJ706
F33447-3MSD	J016940.D	1	07/29/05	MM	n/a	n/a	VJ706
F33447-3	J016935.D	1	07/29/05	MM	n/a	n/a	VJ706

The QC reported here applies to the following samples: **Method:** SW846 8260B

F33212-8

CAS No.	Compound	F33447-3 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	ND		25	24.5	98	23.4	94	5	72-125/7
75-27-4	Bromodichloromethane	1.2		25	27.2	104	26.9	103	1	72-120/8
75-25-2	Bromoform	ND		25	21.3	85	21.3	85	0	55-127/11
108-90-7	Chlorobenzene	ND		25	24.3	97	23.0	92	5	79-113/7
75-00-3	Chloroethane	ND		25	34.2	137	32.9	132	4	56-164/14
67-66-3	Chloroform	12.6		25	39.5	108	38.3	103	3	75-120/8
110-75-8	2-Chloroethyl vinyl ether	ND		125	ND	0*	ND	0*	nc	8-137/18
56-23-5	Carbon tetrachloride	ND		25	28.3	113	25.8	103	9	56-145/12
75-34-3	1,1-Dichloroethane	ND		25	25.7	103	24.9	100	3	70-122/10
75-35-4	1,1-Dichloroethylene	ND		25	25.5	102	24.4	98	4	61-137/15
107-06-2	1,2-Dichloroethane	ND		25	26.8	107	26.8	107	0	64-124/7
78-87-5	1,2-Dichloropropane	ND		25	24.2	97	23.7	95	2	74-123/8
124-48-1	Dibromochloromethane	ND		25	23.2	93	22.9	92	1	63-119/9
75-71-8	Dichlorodifluoromethane	ND		25	38.9	156	36.4	146	7	35-184/21
156-59-2	cis-1,2-Dichloroethylene	ND		25	23.2	93	23.0	92	1	74-125/9
10061-01-5	cis-1,3-Dichloropropene	ND		25	23.0	92	22.2	89	4	65-112/10
541-73-1	m-Dichlorobenzene	ND		25	22.5	90	20.9	84	7	74-114/7
95-50-1	o-Dichlorobenzene	ND		25	23.1	92	21.5	86	7	73-114/8
106-46-7	p-Dichlorobenzene	ND		25	23.0	92	21.5	86	7	74-112/7
156-60-5	trans-1,2-Dichloroethylene	ND		25	24.9	100	23.9	96	4	70-127/11
10061-02-6	trans-1,3-Dichloropropene	ND		25	25.2	101	25.4	102	1	59-116/11
100-41-4	Ethylbenzene	ND		25	23.5	94	21.8	87	8	73-119/8
74-83-9	Methyl bromide	ND		25	34.8	139	33.2	133	5	52-172/16
74-87-3	Methyl chloride	ND		25	29.8	119	28.9	116	3	53-155/19
75-09-2	Methylene chloride	1.0	J	25	25.2	97	25.1	96	0	61-129/11
1634-04-4	Methyl Tert Butyl Ether	ND		25	25.4	102	26.0	104	2	61-129/9
71-55-6	1,1,1-Trichloroethane	ND		25	28.1	112	26.1	104	7	72-133/8
79-34-5	1,1,2,2-Tetrachloroethane	ND		25	23.9	96	24.5	98	2	64-120/10
79-00-5	1,1,2-Trichloroethane	ND		25	22.8	91	23.1	92	1	72-116/9
127-18-4	Tetrachloroethylene	ND		25	23.2	93	21.3	85	9	70-126/9
108-88-3	Toluene	ND		25	23.5	94	22.5	90	4	67-123/8
79-01-6	Trichloroethylene	ND		25	25.7	103	23.9	96	7	73-117/10
75-69-4	Trichlorofluoromethane	ND		25	35.7	143	32.5	130	9	52-164/16
75-01-4	Vinyl chloride	ND		25	33.2	133	31.3	125	6	63-161/18
	m,p-Xylene	ND		50	49.3	99	45.5	91	8*	74-123/7
95-47-6	o-Xylene	ND		25	24.2	97	22.8	91	6	68-123/7

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F33212
Account: STOLCOGJ S M Stoller
Project: Quarterly Sampling, STAR Center, Largo, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
F33447-3MS	J016938.D	1	07/29/05	MM	n/a	n/a	VJ706
F33447-3MSD	J016940.D	1	07/29/05	MM	n/a	n/a	VJ706
F33447-3	J016935.D	1	07/29/05	MM	n/a	n/a	VJ706

The QC reported here applies to the following samples: **Method:** SW846 8260B

F33212-8

CAS No.	Surrogate Recoveries	MS	MSD	F33447-3	Limits
1868-53-7	Dibromofluoromethane	108%	109%	109%	86-115%
17060-07-0	1,2-Dichloroethane-D4	116%	119%	113%	73-126%
2037-26-5	Toluene-D8	95%	95%	99%	86-112%
460-00-4	4-Bromofluorobenzene	97%	98%	106%	83-119%

Metals Analysis

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Matrix Spike and Duplicate Summaries
- Blank Spike and Lab Control Sample Summaries
- Serial Dilution Summaries

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: F33212
Account: STOLCOGJ - S M Stoller
Project: Quarterly Sampling, STAR Center, Largo, FL

QC Batch ID: MP8299
Matrix Type: AQUEOUS

Methods: SW846 6010B
Units: ug/l

Prep Date: 07/19/05

Metal	RL	IDL	MB raw	final
Aluminum	200	6.6		
Antimony	5.0	1.5		
Arsenic	10	2.8	-1.2	<10
Barium	200	.5		
Beryllium	4.0	.3		
Cadmium	5.0	.3		
Calcium	1000	3.8		
Chromium	10	.4		
Cobalt	50	.5		
Copper	25	.4		
Iron	300	7.1		
Lead	5.0	1.2	anr	
Magnesium	5000	9.9		
Manganese	15	.2		
Molybdenum	50	.8		
Nickel	40	1.1		
Potassium	5000	14		
Selenium	10	2		
Silver	10	.6		
Sodium	5000	150		
Thallium	10	1.5		
Tin	50	1.5		
Vanadium	50	.5	anr	
Zinc	20	.6		

Associated samples MP8299: F33212-2, F33212-3, F33212-4, F33212-5, F33212-6

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: F33212
Account: STOLCOGJ - S M Stoller
Project: Quarterly Sampling, STAR Center, Largo, FL

QC Batch ID: MP8299
Matrix Type: AQUEOUS

Methods: SW846 6010B
Units: ug/l

Prep Date:			07/19/05					07/19/05	
Metal	F33023-3 Original	DUP	RPD	QC Limits	F33023-3 Original	MS	Spikelot MPFLICP	% Rec	QC Limits
Aluminum									
Antimony									
Arsenic	0.0	0.0	NC	0-12	0.0	3840	4000	96.0	83-116
Barium									
Beryllium									
Cadmium									
Calcium									
Chromium									
Cobalt									
Copper									
Iron									
Lead	anr								
Magnesium									
Manganese									
Molybdenum									
Nickel									
Potassium									
Selenium									
Silver									
Sodium									
Thallium									
Tin									
Vanadium	anr								
Zinc									

Associated samples MP8299: F33212-2, F33212-3, F33212-4, F33212-5, F33212-6

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: F33212
Account: STOLCOGJ - S M Stoller
Project: Quarterly Sampling, STAR Center, Largo, FL

QC Batch ID: MP8299 Methods: SW846 6010B
Matrix Type: AQUEOUS Units: ug/l

Prep Date: 07/19/05

Metal	F33023-3 Original	MSD	Spikelot MPFLICP	% Rec	MSD RPD	QC Limit
Aluminum						
Antimony						
Arsenic	0.0	3820	4000	95.5	0.5	20
Barium						
Beryllium						
Cadmium						
Calcium						
Chromium						
Cobalt						
Copper						
Iron						
Lead	anr					
Magnesium						
Manganese						
Molybdenum						
Nickel						
Potassium						
Selenium						
Silver						
Sodium						
Thallium						
Tin						
Vanadium	anr					
Zinc						

Associated samples MP8299: F33212-2, F33212-3, F33212-4, F33212-5, F33212-6

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: F33212
Account: STOLCOGJ - S M Stoller
Project: Quarterly Sampling, STAR Center, Largo, FL

QC Batch ID: MP8299
Matrix Type: AQUEOUS

Methods: SW846 6010B
Units: ug/l

Prep Date: 07/19/05

Metal	BSP Result	Spikelot MPFLICP	% Rec	QC Limits
Aluminum				
Antimony				
Arsenic	3780	4000	94.5	80-120
Barium				
Beryllium				
Cadmium				
Calcium				
Chromium				
Cobalt				
Copper				
Iron				
Lead	anr			
Magnesium				
Manganese				
Molybdenum				
Nickel				
Potassium				
Selenium				
Silver				
Sodium				
Thallium				
Tin				
Vanadium	anr			
Zinc				

Associated samples MP8299: F33212-2, F33212-3, F33212-4, F33212-5, F33212-6

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

SERIAL DILUTION RESULTS SUMMARY

Login Number: F33212
Account: STOLCOGJ - S M Stoller
Project: Quarterly Sampling, STAR Center, Largo, FL

QC Batch ID: MP8299
Matrix Type: AQUEOUS

Methods: SW846 6010B
Units: ug/l

Prep Date: 07/19/05

Metal	F33023-3 Original	SDL 1:5	RPD	QC Limits
Aluminum				
Antimony				
Arsenic	0.00	0.00	NC	0-10
Barium				
Beryllium				
Cadmium				
Calcium				
Chromium				
Cobalt				
Copper				
Iron				
Lead	anr			
Magnesium				
Manganese				
Molybdenum				
Nickel				
Potassium				
Selenium				
Silver				
Sodium				
Thallium				
Tin				
Vanadium	anr			
Zinc				

Associated samples MP8299: F33212-2, F33212-3, F33212-4, F33212-5, F33212-6

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

Southeast ACCUTEST Laboratories

10/24/05

Technical Report for

S M Stoller

Quarterly Sampling, STAR Center, Largo, FL

110406202

Accutest Job Number: F33270

Sampling Dates: 07/14/05 - 07/15/05

Report to:

S M Stoller

Cathy.Kelleher@gjo.doe.gov

ATTN: Cathy Kelleher

Total number of pages in report: **46**

ACCREDITED IN ACCORDANCE WITH nelac

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Conference and/or state specific certification programs as applicable.

Harry Behzadi, Ph.D.
Laboratory Director

Certifications: FL (DOH E83510), NC (573), NJ (FL002), MA (FL946), IA (366), LA (03051), KS (E-10327), SC, AK

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Sample Summary

S M Stoller

Job No: F33270

Quarterly Sampling, STAR Center, Largo, FL
Project No: 110406202

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
F33270-1	07/14/05	12:15	SC	07/15/05	AQ	Ground Water	PIN24-0507-N001
F33270-2	07/14/05	13:15	SC	07/15/05	AQ	Ground Water	PIN20-M062-N001
F33270-3	07/14/05	14:50	SC	07/15/05	AQ	Ground Water	PIN20-M058-N001
F33270-4	07/14/05	15:20	SC	07/15/05	AQ	Ground Water	PIN20-M019-N001
F33270-5	07/14/05	15:55	SC	07/15/05	AQ	Ground Water	PIN20-M059-N001
F33270-6	07/14/05	16:30	SC	07/15/05	AQ	Ground Water	PIN20-M22D-N001
F33270-7	07/14/05	16:45	SC	07/15/05	AQ	Ground Water	PIN24-0502-N001
F33270-8	07/15/05	09:55	SC	07/15/05	AQ	Ground Water	PIN20-M064-N001
F33270-9	07/15/05	10:40	SC	07/15/05	AQ	Ground Water	PIN20-M063-N001
F33270-10	07/15/05	11:20	SC	07/15/05	AQ	Ground Water	PIN20-0503-N001
F33270-11	07/15/05	11:40	SC	07/15/05	AQ	Ground Water	PIN20-0502-N001

SAMPLE DELIVERY GROUP CASE NARRATIVE

Client: S M Stoller **Job No:** F33270

Site: Quarterly Sampling, STAR Center, Largo, FL **Report Date** 8/1/2005

11 Samples were collected on 07/14/2005 and were received at Accutest on 07/15/2005 properly preserved, at 3.8 Deg. C and intact. These Samples received an Accutest job number of F33270.A listing of the Laboratory Sample ID, Client Sample ID and dates of collection are presented in the Results Summary Section of this report.

Except as noted below, all method specified calibrations and quality control performance criteria were met for this job. For more information, please refer to QC summary pages.

Volatiles by GCMS By Method SW846 8260B

Matrix: AQ **Batch ID:** VC1391

Samples F33238-1MS, F33238-1MSD were used as the QC samples indicated.

All method blanks for this batch meet method specific criteria.

MS/MSD recoveries for 2-Chloroethyl vinyl ether are outside control limits. Probable cause due to matrix interference.

Matrix: AQ **Batch ID:** VC1392

All method blanks for this batch meet method specific criteria.

Samples F33270-2MS, F33270-2MSD were used as the QC samples indicated.
Blank Spike Recovery for 2-Chloroethyl vinyl ether is above control limits. Associated samples were non-detect for this compound.

MS/MSD recoveries for Vinyl chloride are outside control limits. Probable cause due to matrix interference.

Metals By Method SW846 6010B

Matrix: AQ **Batch ID:** MP8299

Samples F33023-3DUP, F33023-3MS, F33023-3MSD, F33023-3SDL were used as the QC samples for metals.

All method blanks for this batch meet method specific criteria.

Accutest Laboratories Southeast (ALSE) certifies that this report meets the project requirements for analytical data produced for the samples as received at ALSE and as stated on the COC. ALSE certifies that the data meets the Data QualityObjectives for precision, accuracy and completeness as specified in the ALSE Quality Manual except as noted above. This report is to be used in its entirety. ALSE is not responsible for any assumptions of data quality if partial data packages are used.

Narrative prepared by:

Date: August 01, 2005

Sue O. Bell, Project Manager (signature on file)

Report of Analysis

Client Sample ID:	PIN24-0507-N001		
Lab Sample ID:	F33270-1	**Date Sampled:**	07/14/05
Matrix:	AQ - Ground Water	**Date Received:**	07/15/05
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Quarterly Sampling, STAR Center, Largo, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	C0034181.D	1	07/27/05	KW	n/a	n/a	VC1391
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	0.50 U	1.0	0.50	ug/l	
75-27-4	Bromodichloromethane	0.50 U	1.0	0.50	ug/l	
75-25-2	Bromoform	0.50 U	1.0	0.50	ug/l	
108-90-7	Chlorobenzene	0.50 U	1.0	0.50	ug/l	
75-00-3	Chloroethane	1.0 U	2.0	1.0	ug/l	
67-66-3	Chloroform	0.50 U	1.0	0.50	ug/l	
110-75-8	2-Chloroethyl vinyl ether	2.5 U	5.0	2.5	ug/l	
56-23-5	Carbon tetrachloride	0.50 U	1.0	0.50	ug/l	
75-34-3	1,1-Dichloroethane	0.50 U	1.0	0.50	ug/l	
75-35-4	1,1-Dichloroethylene	0.50 U	1.0	0.50	ug/l	
107-06-2	1,2-Dichloroethane	0.50 U	1.0	0.50	ug/l	
78-87-5	1,2-Dichloropropane	0.50 U	1.0	0.50	ug/l	
124-48-1	Dibromochloromethane	0.40 U	1.0	0.40	ug/l	
75-71-8	Dichlorodifluoromethane	0.50 U	1.0	0.50	ug/l	
156-59-2	cis-1,2-Dichloroethylene	0.50 U	1.0	0.50	ug/l	
10061-01-5	cis-1,3-Dichloropropene	0.30 U	1.0	0.30	ug/l	
541-73-1	m-Dichlorobenzene	0.50 U	1.0	0.50	ug/l	
95-50-1	o-Dichlorobenzene	0.50 U	1.0	0.50	ug/l	
106-46-7	p-Dichlorobenzene	0.50 U	1.0	0.50	ug/l	
156-60-5	trans-1,2-Dichloroethylene	0.50 U	1.0	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	0.30 U	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	0.50 U	1.0	0.50	ug/l	
74-83-9	Methyl bromide	1.0 U	2.0	1.0	ug/l	
74-87-3	Methyl chloride	1.0 U	2.0	1.0	ug/l	
75-09-2	Methylene chloride	1.0 U	5.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	0.50 U	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	0.50 U	1.0	0.50	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	0.30 U	1.0	0.30	ug/l	
79-00-5	1,1,2-Trichloroethane	0.50 U	1.0	0.50	ug/l	
127-18-4	Tetrachloroethylene	0.50 U	1.0	0.50	ug/l	
108-88-3	Toluene	0.50 U	1.0	0.50	ug/l	
79-01-6	Trichloroethylene	0.50 U	1.0	0.50	ug/l	

U = Not detected MDL - Method Detection Limit
RL = Reporting Limit
L = Indicates value exceeds calibration range

I = Result > = MDL but < RL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	PIN24-0507-N001		
Lab Sample ID:	F33270-1	**Date Sampled:**	07/14/05
Matrix:	AQ - Ground Water	**Date Received:**	07/15/05
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Quarterly Sampling, STAR Center, Largo, FL		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-69-4	Trichlorofluoromethane	0.60 U	2.0	0.60	ug/l	
75-01-4	Vinyl chloride	0.50 U	1.0	0.50	ug/l	
	m,p-Xylene	0.50 U	2.0	0.50	ug/l	
95-47-6	o-Xylene	0.50 U	1.0	0.50	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	104%		86-115%
17060-07-0	1,2-Dichloroethane-D4	115%		73-126%
2037-26-5	Toluene-D8	99%		86-112%
460-00-4	4-Bromofluorobenzene	99%		83-119%

U = Not detected MDL - Method Detection Limit
RL = Reporting Limit
L = Indicates value exceeds calibration range

I = Result > = MDL but < RL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	PIN20-M062-N001		
Lab Sample ID:	F33270-2	**Date Sampled:**	07/14/05
Matrix:	AQ - Ground Water	**Date Received:**	07/15/05
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Quarterly Sampling, STAR Center, Largo, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	C0034182.D	1	07/27/05	KW	n/a	n/a	VC1391
Run #2	C0034208.D	50	07/28/05	KW	n/a	n/a	VC1392

	Purge Volume
Run #1	5.0 ml
Run #2	5.0 ml

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	1.3	1.0	0.50	ug/l	
75-27-4	Bromodichloromethane	0.50 U	1.0	0.50	ug/l	
75-25-2	Bromoform	0.50 U	1.0	0.50	ug/l	
108-90-7	Chlorobenzene	0.50 U	1.0	0.50	ug/l	
75-00-3	Chloroethane	1.0 U	2.0	1.0	ug/l	
67-66-3	Chloroform	0.50 U	1.0	0.50	ug/l	
110-75-8	2-Chloroethyl vinyl ether	2.5 U	5.0	2.5	ug/l	
56-23-5	Carbon tetrachloride	0.50 U	1.0	0.50	ug/l	
75-34-3	1,1-Dichloroethane	0.50 U	1.0	0.50	ug/l	
75-35-4	1,1-Dichloroethylene	2.8	1.0	0.50	ug/l	
107-06-2	1,2-Dichloroethane	0.50 U	1.0	0.50	ug/l	
78-87-5	1,2-Dichloropropane	0.50 U	1.0	0.50	ug/l	
124-48-1	Dibromochloromethane	0.40 U	1.0	0.40	ug/l	
75-71-8	Dichlorodifluoromethane	0.50 U	1.0	0.50	ug/l	
156-59-2	cis-1,2-Dichloroethylene	778 [a]	50	25	ug/l	
10061-01-5	cis-1,3-Dichloropropene	0.30 U	1.0	0.30	ug/l	
541-73-1	m-Dichlorobenzene	0.50 U	1.0	0.50	ug/l	
95-50-1	o-Dichlorobenzene	0.50 U	1.0	0.50	ug/l	
106-46-7	p-Dichlorobenzene	0.50 U	1.0	0.50	ug/l	
156-60-5	trans-1,2-Dichloroethylene	10	1.0	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	0.30 U	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	0.50 U	1.0	0.50	ug/l	
74-83-9	Methyl bromide	1.0 U	2.0	1.0	ug/l	
74-87-3	Methyl chloride	1.0 U	2.0	1.0	ug/l	
75-09-2	Methylene chloride	1.0 U	5.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	0.50 U	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	0.50 U	1.0	0.50	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	0.30 U	1.0	0.30	ug/l	
79-00-5	1,1,2-Trichloroethane	0.50 U	1.0	0.50	ug/l	
127-18-4	Tetrachloroethylene	0.50 U	1.0	0.50	ug/l	
108-88-3	Toluene	17.4	1.0	0.50	ug/l	
79-01-6	Trichloroethylene	0.50 U	1.0	0.50	ug/l	

U = Not detected MDL - Method Detection Limit
RL = Reporting Limit
L = Indicates value exceeds calibration range

I = Result > = MDL but < RL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	PIN20-M062-N001		
Lab Sample ID:	F33270-2	**Date Sampled:**	07/14/05
Matrix:	AQ - Ground Water	**Date Received:**	07/15/05
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Quarterly Sampling, STAR Center, Largo, FL		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-69-4	Trichlorofluoromethane	0.60 U	2.0	0.60	ug/l	
75-01-4	Vinyl chloride	1770 [a]	50	25	ug/l	
	m,p-Xylene	0.50 U	2.0	0.50	ug/l	
95-47-6	o-Xylene	0.50 U	1.0	0.50	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	109%	98%	86-115%
17060-07-0	1,2-Dichloroethane-D4	114%	91%	73-126%
2037-26-5	Toluene-D8	101%	103%	86-112%
460-00-4	4-Bromofluorobenzene	105%	106%	83-119%

(a) Result is from Run# 2

U = Not detected MDL - Method Detection Limit I = Result > = MDL but < RL J = Estimated value
RL = Reporting Limit V = Indicates analyte found in associated method blank
L = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	PIN20-M058-N001		
Lab Sample ID:	F33270-3	**Date Sampled:**	07/14/05
Matrix:	AQ - Ground Water	**Date Received:**	07/15/05
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Quarterly Sampling, STAR Center, Largo, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	C0034211.D	1	07/28/05	KW	n/a	n/a	VC1392
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	0.50 U	1.0	0.50	ug/l	
75-27-4	Bromodichloromethane	0.50 U	1.0	0.50	ug/l	
75-25-2	Bromoform	0.50 U	1.0	0.50	ug/l	
108-90-7	Chlorobenzene	0.50 U	1.0	0.50	ug/l	
75-00-3	Chloroethane	1.0 U	2.0	1.0	ug/l	
67-66-3	Chloroform	0.50 U	1.0	0.50	ug/l	
110-75-8	2-Chloroethyl vinyl ether	2.5 U	5.0	2.5	ug/l	
56-23-5	Carbon tetrachloride	0.50 U	1.0	0.50	ug/l	
75-34-3	1,1-Dichloroethane	0.50 U	1.0	0.50	ug/l	
75-35-4	1,1-Dichloroethylene	0.50 U	1.0	0.50	ug/l	
107-06-2	1,2-Dichloroethane	0.50 U	1.0	0.50	ug/l	
78-87-5	1,2-Dichloropropane	0.50 U	1.0	0.50	ug/l	
124-48-1	Dibromochloromethane	0.40 U	1.0	0.40	ug/l	
75-71-8	Dichlorodifluoromethane	0.50 U	1.0	0.50	ug/l	
156-59-2	cis-1,2-Dichloroethylene	3.0	1.0	0.50	ug/l	
10061-01-5	cis-1,3-Dichloropropene	0.30 U	1.0	0.30	ug/l	
541-73-1	m-Dichlorobenzene	0.50 U	1.0	0.50	ug/l	
95-50-1	o-Dichlorobenzene	0.50 U	1.0	0.50	ug/l	
106-46-7	p-Dichlorobenzene	0.50 U	1.0	0.50	ug/l	
156-60-5	trans-1,2-Dichloroethylene	0.50 U	1.0	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	0.30 U	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	0.50 U	1.0	0.50	ug/l	
74-83-9	Methyl bromide	1.0 U	2.0	1.0	ug/l	
74-87-3	Methyl chloride	1.0 U	2.0	1.0	ug/l	
75-09-2	Methylene chloride	1.0 U	5.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	0.50 U	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	0.50 U	1.0	0.50	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	0.30 U	1.0	0.30	ug/l	
79-00-5	1,1,2-Trichloroethane	0.50 U	1.0	0.50	ug/l	
127-18-4	Tetrachloroethylene	0.50 U	1.0	0.50	ug/l	
108-88-3	Toluene	0.50 U	1.0	0.50	ug/l	
79-01-6	Trichloroethylene	0.50 U	1.0	0.50	ug/l	

U = Not detected MDL - Method Detection Limit
RL = Reporting Limit
L = Indicates value exceeds calibration range

I = Result > = MDL but < RL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	PIN20-M058-N001		
Lab Sample ID:	F33270-3	**Date Sampled:**	07/14/05
Matrix:	AQ - Ground Water	**Date Received:**	07/15/05
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Quarterly Sampling, STAR Center, Largo, FL		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-69-4	Trichlorofluoromethane	0.60 U	2.0	0.60	ug/l	
75-01-4	Vinyl chloride	2.1	1.0	0.50	ug/l	
	m,p-Xylene	0.50 U	2.0	0.50	ug/l	
95-47-6	o-Xylene	0.50 U	1.0	0.50	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	97%		86-115%
17060-07-0	1,2-Dichloroethane-D4	92%		73-126%
2037-26-5	Toluene-D8	104%		86-112%
460-00-4	4-Bromofluorobenzene	105%		83-119%

U = Not detected MDL - Method Detection Limit I = Result > = MDL but < RL J = Estimated value
RL = Reporting Limit V = Indicates analyte found in associated method blank
L = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	PIN20-M019-N001		
Lab Sample ID:	F33270-4	**Date Sampled:**	07/14/05
Matrix:	AQ - Ground Water	**Date Received:**	07/15/05
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Quarterly Sampling, STAR Center, Largo, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	C0034212.D	1	07/28/05	KW	n/a	n/a	VC1392
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	0.50 U	1.0	0.50	ug/l	
75-27-4	Bromodichloromethane	0.50 U	1.0	0.50	ug/l	
75-25-2	Bromoform	0.50 U	1.0	0.50	ug/l	
108-90-7	Chlorobenzene	0.50 U	1.0	0.50	ug/l	
75-00-3	Chloroethane	1.0 U	2.0	1.0	ug/l	
67-66-3	Chloroform	0.50 U	1.0	0.50	ug/l	
110-75-8	2-Chloroethyl vinyl ether	2.5 U	5.0	2.5	ug/l	
56-23-5	Carbon tetrachloride	0.50 U	1.0	0.50	ug/l	
75-34-3	1,1-Dichloroethane	0.50 U	1.0	0.50	ug/l	
75-35-4	1,1-Dichloroethylene	0.50 U	1.0	0.50	ug/l	
107-06-2	1,2-Dichloroethane	0.50 U	1.0	0.50	ug/l	
78-87-5	1,2-Dichloropropane	0.50 U	1.0	0.50	ug/l	
124-48-1	Dibromochloromethane	0.40 U	1.0	0.40	ug/l	
75-71-8	Dichlorodifluoromethane	0.50 U	1.0	0.50	ug/l	
156-59-2	cis-1,2-Dichloroethylene	1.7	1.0	0.50	ug/l	
10061-01-5	cis-1,3-Dichloropropene	0.30 U	1.0	0.30	ug/l	
541-73-1	m-Dichlorobenzene	0.50 U	1.0	0.50	ug/l	
95-50-1	o-Dichlorobenzene	0.50 U	1.0	0.50	ug/l	
106-46-7	p-Dichlorobenzene	0.50 U	1.0	0.50	ug/l	
156-60-5	trans-1,2-Dichloroethylene	0.50 U	1.0	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	0.30 U	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	0.50 U	1.0	0.50	ug/l	
74-83-9	Methyl bromide	1.0 U	2.0	1.0	ug/l	
74-87-3	Methyl chloride	1.0 U	2.0	1.0	ug/l	
75-09-2	Methylene chloride	1.0 U	5.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	0.50 U	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	0.50 U	1.0	0.50	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	0.30 U	1.0	0.30	ug/l	
79-00-5	1,1,2-Trichloroethane	0.50 U	1.0	0.50	ug/l	
127-18-4	Tetrachloroethylene	0.50 U	1.0	0.50	ug/l	
108-88-3	Toluene	0.50 U	1.0	0.50	ug/l	
79-01-6	Trichloroethylene	0.50 U	1.0	0.50	ug/l	

U = Not detected MDL - Method Detection Limit
RL = Reporting Limit
L = Indicates value exceeds calibration range

I = Result > = MDL but < RL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	PIN20-M019-N001		
Lab Sample ID:	F33270-4	**Date Sampled:**	07/14/05
Matrix:	AQ - Ground Water	**Date Received:**	07/15/05
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Quarterly Sampling, STAR Center, Largo, FL		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-69-4	Trichlorofluoromethane	0.60 U	2.0	0.60	ug/l	
75-01-4	Vinyl chloride	0.50 U	1.0	0.50	ug/l	
	m,p-Xylene	0.50 U	2.0	0.50	ug/l	
95-47-6	o-Xylene	0.50 U	1.0	0.50	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	98%		86-115%
17060-07-0	1,2-Dichloroethane-D4	95%		73-126%
2037-26-5	Toluene-D8	102%		86-112%
460-00-4	4-Bromofluorobenzene	104%		83-119%

U = Not detected MDL - Method Detection Limit
RL = Reporting Limit
L = Indicates value exceeds calibration range

I = Result > = MDL but < RL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	PIN20-M059-N001		
Lab Sample ID:	F33270-5	**Date Sampled:**	07/14/05
Matrix:	AQ - Ground Water	**Date Received:**	07/15/05
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Quarterly Sampling, STAR Center, Largo, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	C0034185.D	1	07/27/05	KW	n/a	n/a	VC1391
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	0.50 U	1.0	0.50	ug/l	
75-27-4	Bromodichloromethane	0.50 U	1.0	0.50	ug/l	
75-25-2	Bromoform	0.50 U	1.0	0.50	ug/l	
108-90-7	Chlorobenzene	0.50 U	1.0	0.50	ug/l	
75-00-3	Chloroethane	1.0 U	2.0	1.0	ug/l	
67-66-3	Chloroform	0.50 U	1.0	0.50	ug/l	
110-75-8	2-Chloroethyl vinyl ether	2.5 U	5.0	2.5	ug/l	
56-23-5	Carbon tetrachloride	0.50 U	1.0	0.50	ug/l	
75-34-3	1,1-Dichloroethane	0.50 U	1.0	0.50	ug/l	
75-35-4	1,1-Dichloroethylene	0.50 U	1.0	0.50	ug/l	
107-06-2	1,2-Dichloroethane	0.50 U	1.0	0.50	ug/l	
78-87-5	1,2-Dichloropropane	0.50 U	1.0	0.50	ug/l	
124-48-1	Dibromochloromethane	0.40 U	1.0	0.40	ug/l	
75-71-8	Dichlorodifluoromethane	0.50 U	1.0	0.50	ug/l	
156-59-2	cis-1,2-Dichloroethylene	0.97	1.0	0.50	ug/l	I
10061-01-5	cis-1,3-Dichloropropene	0.30 U	1.0	0.30	ug/l	
541-73-1	m-Dichlorobenzene	0.50 U	1.0	0.50	ug/l	
95-50-1	o-Dichlorobenzene	0.50 U	1.0	0.50	ug/l	
106-46-7	p-Dichlorobenzene	0.50 U	1.0	0.50	ug/l	
156-60-5	trans-1,2-Dichloroethylene	0.50 U	1.0	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	0.30 U	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	0.50 U	1.0	0.50	ug/l	
74-83-9	Methyl bromide	1.0 U	2.0	1.0	ug/l	
74-87-3	Methyl chloride	1.0 U	2.0	1.0	ug/l	
75-09-2	Methylene chloride	1.0 U	5.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	0.50 U	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	0.50 U	1.0	0.50	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	0.30 U	1.0	0.30	ug/l	
79-00-5	1,1,2-Trichloroethane	0.50 U	1.0	0.50	ug/l	
127-18-4	Tetrachloroethylene	0.50 U	1.0	0.50	ug/l	
108-88-3	Toluene	0.50 U	1.0	0.50	ug/l	
79-01-6	Trichloroethylene	0.50 U	1.0	0.50	ug/l	

U = Not detected MDL - Method Detection Limit
RL = Reporting Limit
L = Indicates value exceeds calibration range

I = Result > = MDL but < RL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	PIN20-M059-N001		
Lab Sample ID:	F33270-5	**Date Sampled:**	07/14/05
Matrix:	AQ - Ground Water	**Date Received:**	07/15/05
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Quarterly Sampling, STAR Center, Largo, FL		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-69-4	Trichlorofluoromethane	0.60 U	2.0	0.60	ug/l	
75-01-4	Vinyl chloride	8.1	1.0	0.50	ug/l	
	m,p-Xylene	0.50 U	2.0	0.50	ug/l	
95-47-6	o-Xylene	0.50 U	1.0	0.50	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	105%		86-115%
17060-07-0	1,2-Dichloroethane-D4	113%		73-126%
2037-26-5	Toluene-D8	100%		86-112%
460-00-4	4-Bromofluorobenzene	101%		83-119%

U = Not detected MDL - Method Detection Limit
RL = Reporting Limit
L = Indicates value exceeds calibration range

I = Result > = MDL but < RL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	PIN20-M22D-N001		
Lab Sample ID:	F33270-6	**Date Sampled:**	07/14/05
Matrix:	AQ - Ground Water	**Date Received:**	07/15/05
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Quarterly Sampling, STAR Center, Largo, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	C0034186.D	1	07/27/05	KW	n/a	n/a	VC1391
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	0.50 U	1.0	0.50	ug/l	
75-27-4	Bromodichloromethane	0.50 U	1.0	0.50	ug/l	
75-25-2	Bromoform	0.50 U	1.0	0.50	ug/l	
108-90-7	Chlorobenzene	0.50 U	1.0	0.50	ug/l	
75-00-3	Chloroethane	1.0 U	2.0	1.0	ug/l	
67-66-3	Chloroform	0.50 U	1.0	0.50	ug/l	
110-75-8	2-Chloroethyl vinyl ether	2.5 U	5.0	2.5	ug/l	
56-23-5	Carbon tetrachloride	0.50 U	1.0	0.50	ug/l	
75-34-3	1,1-Dichloroethane	0.50 U	1.0	0.50	ug/l	
75-35-4	1,1-Dichloroethylene	0.50 U	1.0	0.50	ug/l	
107-06-2	1,2-Dichloroethane	0.50 U	1.0	0.50	ug/l	
78-87-5	1,2-Dichloropropane	0.50 U	1.0	0.50	ug/l	
124-48-1	Dibromochloromethane	0.40 U	1.0	0.40	ug/l	
75-71-8	Dichlorodifluoromethane	0.50 U	1.0	0.50	ug/l	
156-59-2	cis-1,2-Dichloroethylene	0.50 U	1.0	0.50	ug/l	
10061-01-5	cis-1,3-Dichloropropene	0.30 U	1.0	0.30	ug/l	
541-73-1	m-Dichlorobenzene	0.50 U	1.0	0.50	ug/l	
95-50-1	o-Dichlorobenzene	0.50 U	1.0	0.50	ug/l	
106-46-7	p-Dichlorobenzene	0.50 U	1.0	0.50	ug/l	
156-60-5	trans-1,2-Dichloroethylene	0.50 U	1.0	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	0.30 U	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	0.50 U	1.0	0.50	ug/l	
74-83-9	Methyl bromide	1.0 U	2.0	1.0	ug/l	
74-87-3	Methyl chloride	1.0 U	2.0	1.0	ug/l	
75-09-2	Methylene chloride	1.0 U	5.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	0.50 U	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	0.50 U	1.0	0.50	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	0.30 U	1.0	0.30	ug/l	
79-00-5	1,1,2-Trichloroethane	0.50 U	1.0	0.50	ug/l	
127-18-4	Tetrachloroethylene	0.50 U	1.0	0.50	ug/l	
108-88-3	Toluene	0.50 U	1.0	0.50	ug/l	
79-01-6	Trichloroethylene	0.50 U	1.0	0.50	ug/l	

U = Not detected MDL - Method Detection Limit
RL = Reporting Limit
L = Indicates value exceeds calibration range

I = Result > = MDL but < RL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	PIN20-M22D-N001		
Lab Sample ID:	F33270-6	**Date Sampled:**	07/14/05
Matrix:	AQ - Ground Water	**Date Received:**	07/15/05
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Quarterly Sampling, STAR Center, Largo, FL		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-69-4	Trichlorofluoromethane	0.60 U	2.0	0.60	ug/l	
75-01-4	Vinyl chloride	0.50 U	1.0	0.50	ug/l	
	m,p-Xylene	0.50 U	2.0	0.50	ug/l	
95-47-6	o-Xylene	0.50 U	1.0	0.50	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	107%		86-115%
17060-07-0	1,2-Dichloroethane-D4	115%		73-126%
2037-26-5	Toluene-D8	99%		86-112%
460-00-4	4-Bromofluorobenzene	100%		83-119%

U = Not detected MDL - Method Detection Limit
RL = Reporting Limit
L = Indicates value exceeds calibration range

I = Result > = MDL but < RL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	PIN24-0502-N001		
Lab Sample ID:	F33270-7	**Date Sampled:**	07/14/05
Matrix:	AQ - Ground Water	**Date Received:**	07/15/05
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Quarterly Sampling, STAR Center, Largo, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	C0034187.D	1	07/27/05	KW	n/a	n/a	VC1391
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	0.50 U	1.0	0.50	ug/l	
75-27-4	Bromodichloromethane	0.50 U	1.0	0.50	ug/l	
75-25-2	Bromoform	0.50 U	1.0	0.50	ug/l	
108-90-7	Chlorobenzene	0.50 U	1.0	0.50	ug/l	
75-00-3	Chloroethane	1.0 U	2.0	1.0	ug/l	
67-66-3	Chloroform	0.50 U	1.0	0.50	ug/l	
110-75-8	2-Chloroethyl vinyl ether	2.5 U	5.0	2.5	ug/l	
56-23-5	Carbon tetrachloride	0.50 U	1.0	0.50	ug/l	
75-34-3	1,1-Dichloroethane	0.50 U	1.0	0.50	ug/l	
75-35-4	1,1-Dichloroethylene	0.50 U	1.0	0.50	ug/l	
107-06-2	1,2-Dichloroethane	0.50 U	1.0	0.50	ug/l	
78-87-5	1,2-Dichloropropane	0.50 U	1.0	0.50	ug/l	
124-48-1	Dibromochloromethane	0.40 U	1.0	0.40	ug/l	
75-71-8	Dichlorodifluoromethane	0.50 U	1.0	0.50	ug/l	
156-59-2	cis-1,2-Dichloroethylene	0.50 U	1.0	0.50	ug/l	
10061-01-5	cis-1,3-Dichloropropene	0.30 U	1.0	0.30	ug/l	
541-73-1	m-Dichlorobenzene	0.50 U	1.0	0.50	ug/l	
95-50-1	o-Dichlorobenzene	0.50 U	1.0	0.50	ug/l	
106-46-7	p-Dichlorobenzene	0.50 U	1.0	0.50	ug/l	
156-60-5	trans-1,2-Dichloroethylene	0.50 U	1.0	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	0.30 U	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	0.50 U	1.0	0.50	ug/l	
74-83-9	Methyl bromide	1.0 U	2.0	1.0	ug/l	
74-87-3	Methyl chloride	1.0 U	2.0	1.0	ug/l	
75-09-2	Methylene chloride	1.0 U	5.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	0.50 U	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	0.50 U	1.0	0.50	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	0.30 U	1.0	0.30	ug/l	
79-00-5	1,1,2-Trichloroethane	0.50 U	1.0	0.50	ug/l	
127-18-4	Tetrachloroethylene	0.50 U	1.0	0.50	ug/l	
108-88-3	Toluene	0.50 U	1.0	0.50	ug/l	
79-01-6	Trichloroethylene	0.50 U	1.0	0.50	ug/l	

U = Not detected MDL - Method Detection Limit
RL = Reporting Limit
L = Indicates value exceeds calibration range

I = Result > = MDL but < RL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	PIN24-0502-N001		
Lab Sample ID:	F33270-7	**Date Sampled:**	07/14/05
Matrix:	AQ - Ground Water	**Date Received:**	07/15/05
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Quarterly Sampling, STAR Center, Largo, FL		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-69-4	Trichlorofluoromethane	0.60 U	2.0	0.60	ug/l	
75-01-4	Vinyl chloride	0.50 U	1.0	0.50	ug/l	
	m,p-Xylene	0.50 U	2.0	0.50	ug/l	
95-47-6	o-Xylene	0.50 U	1.0	0.50	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	106%		86-115%
17060-07-0	1,2-Dichloroethane-D4	116%		73-126%
2037-26-5	Toluene-D8	99%		86-112%
460-00-4	4-Bromofluorobenzene	98%		83-119%

U = Not detected MDL - Method Detection Limit
RL = Reporting Limit
L = Indicates value exceeds calibration range

I = Result > = MDL but < RL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	PIN20-M064-N001		
Lab Sample ID:	F33270-8	**Date Sampled:**	07/15/05
Matrix:	AQ - Ground Water	**Date Received:**	07/15/05
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Quarterly Sampling, STAR Center, Largo, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	C0034213.D	1	07/28/05	KW	n/a	n/a	VC1392
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	0.50 U	1.0	0.50	ug/l	
75-27-4	Bromodichloromethane	0.50 U	1.0	0.50	ug/l	
75-25-2	Bromoform	0.50 U	1.0	0.50	ug/l	
108-90-7	Chlorobenzene	0.50 U	1.0	0.50	ug/l	
75-00-3	Chloroethane	1.0 U	2.0	1.0	ug/l	
67-66-3	Chloroform	0.50 U	1.0	0.50	ug/l	
110-75-8	2-Chloroethyl vinyl ether	2.5 U	5.0	2.5	ug/l	
56-23-5	Carbon tetrachloride	0.50 U	1.0	0.50	ug/l	
75-34-3	1,1-Dichloroethane	0.50 U	1.0	0.50	ug/l	
75-35-4	1,1-Dichloroethylene	0.50 U	1.0	0.50	ug/l	
107-06-2	1,2-Dichloroethane	0.50 U	1.0	0.50	ug/l	
78-87-5	1,2-Dichloropropane	0.50 U	1.0	0.50	ug/l	
124-48-1	Dibromochloromethane	0.40 U	1.0	0.40	ug/l	
75-71-8	Dichlorodifluoromethane	0.50 U	1.0	0.50	ug/l	
156-59-2	cis-1,2-Dichloroethylene	2.1	1.0	0.50	ug/l	
10061-01-5	cis-1,3-Dichloropropene	0.30 U	1.0	0.30	ug/l	
541-73-1	m-Dichlorobenzene	0.50 U	1.0	0.50	ug/l	
95-50-1	o-Dichlorobenzene	0.50 U	1.0	0.50	ug/l	
106-46-7	p-Dichlorobenzene	0.50 U	1.0	0.50	ug/l	
156-60-5	trans-1,2-Dichloroethylene	0.50 U	1.0	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	0.30 U	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	0.50 U	1.0	0.50	ug/l	
74-83-9	Methyl bromide	1.0 U	2.0	1.0	ug/l	
74-87-3	Methyl chloride	1.0 U	2.0	1.0	ug/l	
75-09-2	Methylene chloride	1.0 U	5.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	0.50 U	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	0.50 U	1.0	0.50	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	0.30 U	1.0	0.30	ug/l	
79-00-5	1,1,2-Trichloroethane	0.50 U	1.0	0.50	ug/l	
127-18-4	Tetrachloroethylene	0.50 U	1.0	0.50	ug/l	
108-88-3	Toluene	0.50 U	1.0	0.50	ug/l	
79-01-6	Trichloroethylene	0.50 U	1.0	0.50	ug/l	

U = Not detected MDL - Method Detection Limit
RL = Reporting Limit
L = Indicates value exceeds calibration range

I = Result > = MDL but < RL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	PIN20-M064-N001		
Lab Sample ID:	F33270-8	**Date Sampled:**	07/15/05
Matrix:	AQ - Ground Water	**Date Received:**	07/15/05
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Quarterly Sampling, STAR Center, Largo, FL		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-69-4	Trichlorofluoromethane	0.60 U	2.0	0.60	ug/l	
75-01-4	Vinyl chloride	8.4	1.0	0.50	ug/l	
	m,p-Xylene	0.50 U	2.0	0.50	ug/l	
95-47-6	o-Xylene	0.50 U	1.0	0.50	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	100%		86-115%
17060-07-0	1,2-Dichloroethane-D4	98%		73-126%
2037-26-5	Toluene-D8	102%		86-112%
460-00-4	4-Bromofluorobenzene	103%		83-119%

U = Not detected MDL - Method Detection Limit I = Result > = MDL but < RL J = Estimated value
RL = Reporting Limit V = Indicates analyte found in associated method blank
L = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	PIN20-M063-N001		
Lab Sample ID:	F33270-9	**Date Sampled:**	07/15/05
Matrix:	AQ - Ground Water	**Date Received:**	07/15/05
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Quarterly Sampling, STAR Center, Largo, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	C0034189.D	1	07/28/05	KW	n/a	n/a	VC1391
Run #2	C0034214.D	100	07/28/05	KW	n/a	n/a	VC1392

	Purge Volume
Run #1	5.0 ml
Run #2	5.0 ml

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	0.93	1.0	0.50	ug/l	I
75-27-4	Bromodichloromethane	0.50 U	1.0	0.50	ug/l	
75-25-2	Bromoform	0.50 U	1.0	0.50	ug/l	
108-90-7	Chlorobenzene	0.50 U	1.0	0.50	ug/l	
75-00-3	Chloroethane	1.0 U	2.0	1.0	ug/l	
67-66-3	Chloroform	0.50 U	1.0	0.50	ug/l	
110-75-8	2-Chloroethyl vinyl ether	2.5 U	5.0	2.5	ug/l	
56-23-5	Carbon tetrachloride	0.50 U	1.0	0.50	ug/l	
75-34-3	1,1-Dichloroethane	0.50 U	1.0	0.50	ug/l	
75-35-4	1,1-Dichloroethylene	23.7	1.0	0.50	ug/l	
107-06-2	1,2-Dichloroethane	0.50 U	1.0	0.50	ug/l	
78-87-5	1,2-Dichloropropane	0.50 U	1.0	0.50	ug/l	
124-48-1	Dibromochloromethane	0.40 U	1.0	0.40	ug/l	
75-71-8	Dichlorodifluoromethane	0.50 U	1.0	0.50	ug/l	
156-59-2	cis-1,2-Dichloroethylene	2440 [a]	100	50	ug/l	
10061-01-5	cis-1,3-Dichloropropene	0.30 U	1.0	0.30	ug/l	
541-73-1	m-Dichlorobenzene	0.50 U	1.0	0.50	ug/l	
95-50-1	o-Dichlorobenzene	0.50 U	1.0	0.50	ug/l	
106-46-7	p-Dichlorobenzene	0.50 U	1.0	0.50	ug/l	
156-60-5	trans-1,2-Dichloroethylene	127 [a]	100	50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	0.30 U	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	0.50 U	1.0	0.50	ug/l	
74-83-9	Methyl bromide	1.0 U	2.0	1.0	ug/l	
74-87-3	Methyl chloride	1.0 U	2.0	1.0	ug/l	
75-09-2	Methylene chloride	1.0 U	5.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	0.50 U	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	0.50 U	1.0	0.50	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	0.30 U	1.0	0.30	ug/l	
79-00-5	1,1,2-Trichloroethane	0.50 U	1.0	0.50	ug/l	
127-18-4	Tetrachloroethylene	0.50 U	1.0	0.50	ug/l	
108-88-3	Toluene	0.97	1.0	0.50	ug/l	I
79-01-6	Trichloroethylene	984 [a]	100	50	ug/l	

U = Not detected MDL - Method Detection Limit
RL = Reporting Limit
L = Indicates value exceeds calibration range

I = Result > = MDL but < RL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	PIN20-M063-N001		
Lab Sample ID:	F33270-9	**Date Sampled:**	07/15/05
Matrix:	AQ - Ground Water	**Date Received:**	07/15/05
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Quarterly Sampling, STAR Center, Largo, FL		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-69-4	Trichlorofluoromethane	0.60 U	2.0	0.60	ug/l	
75-01-4	Vinyl chloride	788 [a]	100	50	ug/l	
	m,p-Xylene	0.50 U	2.0	0.50	ug/l	
95-47-6	o-Xylene	0.50 U	1.0	0.50	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	109%	103%	86-115%
17060-07-0	1,2-Dichloroethane-D4	118%	102%	73-126%
2037-26-5	Toluene-D8	101%	103%	86-112%
460-00-4	4-Bromofluorobenzene	104%	102%	83-119%

(a) Result is from Run# 2

U = Not detected MDL - Method Detection Limit I = Result > = MDL but < RL J = Estimated value
RL = Reporting Limit V = Indicates analyte found in associated method blank
L = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	PIN20-0503-N001		
Lab Sample ID:	F33270-10	**Date Sampled:**	07/15/05
Matrix:	AQ - Ground Water	**Date Received:**	07/15/05
		Percent Solids:	n/a
Project:	Quarterly Sampling, STAR Center, Largo, FL		

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed By	Method	Prep Method
Arsenic	27.9	10	2.9	ug/l	1	07/19/05	07/20/05 JM	SW846 6010B [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA4451
(2) Prep QC Batch: MP8299

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
I = Indicates a result > = MDL but < RL

Report of Analysis

Client Sample ID:	PIN20-0502-N001		
Lab Sample ID:	F33270-11	**Date Sampled:**	07/15/05
Matrix:	AQ - Ground Water	**Date Received:**	07/15/05
		Percent Solids:	n/a
Project:	Quarterly Sampling, STAR Center, Largo, FL		

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed By	Method	Prep Method
Arsenic	6.0 I	10	2.9	ug/l	1	07/19/05	07/20/05 JM	SW846 6010B [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA4451
(2) Prep QC Batch: MP8299

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
I = Indicates a result > = MDL but < RL

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

F33270

Young-Rainey Star Center 4.5 Acre Quarterly Sampling

S.M. Stoller, 7887 Bryan Dairy Rd. Suite 260, Largo, FL 33777, tel. 727-541-8103, fax 727-549-1121

4405 Vineland Rd. Suite C-15, Orlando, FL 32811 tel. 407-425-0707 fax 407-425-0707

Sample Matrix is Groundwater, samples are preserved on Ice. Temp._____ C

Sample number	Sample ID	Date	Time	Sampled by	No. Bottles	VOC 8260 preserved w/HCl	Arsenic preserved w/HNO3	Fl-Pro preserved w/HCl				Samplers Notes	Lab Use Only
1	PIN24-0507-N001	7/14/05	1215	DM	3	3							
2	PIN20-M062-N001	7/14/05	1315	SC	3	3							
3	PIN20-M058-N001	7/14/05	1450	SC	3	3							
4	PIN20-M019-N001	7/14/05	1520	SC	3	3							
5	PIN20-M059-N001	7/14/05	1555	SC	3	3							
6	PIN20-M22D-N001	7/14/05	1630	SC	3	3							
7	PIN24-0502-N001	7/14/05	1645	SC	3	3							
8	PIN20-M064-N001	7/15/05	0955	DM	3	3							
9	PIN20-M063-N001	7/15/05	1040	DM	3	3							
10	PIN20-0503-N001	7/15/05	1120	SC	1		1						
11	PIN20-0502-N001	7/15/05	1140	SC	1		1						

This is a preprinted list. Samples not included in this shipment are lined out

Relinquished by Sampler	Date	Time	Received by Courier	Date	Time
Dale M. Montgomery	7/15/05		Stephen Calhoun	7-15-05	13:00
Relinquished by Courier	**Date**	**Time**	**Received by Laboratory**	**Date**	**Time**
Stephen Calhoun	7-15-05		Steven Brown	7-15-05	19:15

Data Turnaround	
std	
48 hr	
24 hr	

3.8

F33270: Chain of Custody

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ACCUTEST LABORATORIES SAMPLE RECEIPT CONFIRMATION

ACCUTEST'S JOB NUMBER: F33270 CLIENT: S.M. Stoller PROJECT: Young - Rainey

DATE/TIME RECEIVED: 7-16-05/ 19:15 # OF COOLERS RECEIVED: 1 COOLER TEMPS: 3.6

METHOD OF DELIVERY: FEDEX UPS (ACCUTEST COURIER) GREYHOUND DELIVERY OTHER

AIRBILL NUMBERS:

COOLER INFORMATION

- [ ] CUSTODY SEAL NOT PRESENT OR NOT INTACT
- [ ] NO COC RECEIVED
- [ ] ANALYSIS REQUESTED IS UNCLEAR OR MISSING
- [ ] SAMPLE DATES OR TIMES UNCLEAR OR MISSING
- [ ] TEMPERATURE CRITERIA NOT MET

TRIP BLANK INFORMATION

- [x] TRIP BLANK NOT PROVIDED
- [x] TRIP BLANK NOT ON COC
- [ ] TRIP BLANK INTACT
- [ ] TRIP BLANK NOT INTACT
- [ ] RECEIVED WATER TRIP BLANK
- [ ] RECEIVED SOIL TRIP BLANK

SAMPLE INFORMATION

- [ ] SAMPLE LABELS PRESENT ON ALL BOTTLES
- [ ] CORRECT NUMBER OF CONTAINERS USED
- [ ] SAMPLE RECEIVED IMPROPERLY PRESERVED
- [ ] INSUFFICIENT VOLUME FOR ANALYSIS
- [ ] TIMES ON COC DON'T MATCH LABEL
- [ ] ID'S ON COC DON'T MATCH LABEL
- [ ] VOC VIALS HAVE HEADSPACE (MACRO BUBBLES)
- [ ] BOTTLES RECEIVED BUT ANALYSIS NOT REQUESTED
- [ ] NO BOTTLES RECEIVED FOR ANALYSIS REQUESTED
- [ ] UNCLEAR FILTERING INSTRUCTIONS
- [ ] UNCLEAR COMPOSITING INSTRUCTIONS
- [ ] SAMPLE(S) RECEIVED BROKEN
- [ ] % SOLIDS JAR NOT RECEIVED

SOIL INFORMATION

NUMBER OF ENCORES ? Ø

NUMBER OF 5035 FIELD KITS ? Ø

SUMMARY OF COMMENTS:

TECHNICIAN SIGNATURE/DATE Steve Crum / 7-15-05 TECHNICIAN SIGNATURE/DATE

ASBD06/22/05

4.1

4

F33270: Chain of Custody

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ACCUTEST Laboratories

F33270

GC/MS Volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries

Method Blank Summary

Job Number: F33270
Account: STOLCOGJ S M Stoller
Project: Quarterly Sampling, STAR Center, Largo, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VC1391-MB	C0034168.D	1	07/27/05	KW	n/a	n/a	VC1391

The QC reported here applies to the following samples: **Method:** SW846 8260B

F33270-1, F33270-2, F33270-5, F33270-6, F33270-7, F33270-9

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.50	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.50	ug/l	
75-25-2	Bromoform	ND	1.0	0.50	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.50	ug/l	
75-00-3	Chloroethane	ND	2.0	1.0	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
110-75-8	2-Chloroethyl vinyl ether	ND	5.0	2.5	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.50	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.50	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.50	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.50	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.50	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.40	ug/l	
75-71-8	Dichlorodifluoromethane	ND	1.0	0.50	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	1.0	0.50	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.30	ug/l	
541-73-1	m-Dichlorobenzene	ND	1.0	0.50	ug/l	
95-50-1	o-Dichlorobenzene	ND	1.0	0.50	ug/l	
106-46-7	p-Dichlorobenzene	ND	1.0	0.50	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.50	ug/l	
74-83-9	Methyl bromide	ND	2.0	1.0	ug/l	
74-87-3	Methyl chloride	ND	2.0	1.0	ug/l	
75-09-2	Methylene chloride	ND	5.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.50	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.30	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.50	ug/l	
127-18-4	Tetrachloroethylene	ND	1.0	0.50	ug/l	
108-88-3	Toluene	ND	1.0	0.50	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.50	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.60	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.50	ug/l	
	m,p-Xylene	ND	2.0	0.50	ug/l	
95-47-6	o-Xylene	ND	1.0	0.50	ug/l	

Method Blank Summary

Job Number: F33270
Account: STOLCOGJ S M Stoller
Project: Quarterly Sampling, STAR Center, Largo, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VC1391-MB	C0034168.D	1	07/27/05	KW	n/a	n/a	VC1391

The QC reported here applies to the following samples: **Method:** SW846 8260B

F33270-1, F33270-2, F33270-5, F33270-6, F33270-7, F33270-9

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	96%	86-115%
17060-07-0	1,2-Dichloroethane-D4	97%	73-126%
2037-26-5	Toluene-D8	106%	86-112%
460-00-4	4-Bromofluorobenzene	108%	83-119%

Method Blank Summary

Job Number: F33270
Account: STOLCOGJ S M Stoller
Project: Quarterly Sampling, STAR Center, Largo, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VC1392-MB	C0034207.D	1	07/28/05	KW	n/a	n/a	VC1392

The QC reported here applies to the following samples: **Method:** SW846 8260B

F33270-2, F33270-3, F33270-4, F33270-8, F33270-9

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.50	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.50	ug/l	
75-25-2	Bromoform	ND	1.0	0.50	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.50	ug/l	
75-00-3	Chloroethane	ND	2.0	1.0	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
110-75-8	2-Chloroethyl vinyl ether	ND	5.0	2.5	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.50	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.50	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.50	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.50	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.50	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.40	ug/l	
75-71-8	Dichlorodifluoromethane	ND	1.0	0.50	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	1.0	0.50	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.30	ug/l	
541-73-1	m-Dichlorobenzene	ND	1.0	0.50	ug/l	
95-50-1	o-Dichlorobenzene	ND	1.0	0.50	ug/l	
106-46-7	p-Dichlorobenzene	ND	1.0	0.50	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.50	ug/l	
74-83-9	Methyl bromide	ND	2.0	1.0	ug/l	
74-87-3	Methyl chloride	ND	2.0	1.0	ug/l	
75-09-2	Methylene chloride	ND	5.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.50	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.30	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.50	ug/l	
127-18-4	Tetrachloroethylene	ND	1.0	0.50	ug/l	
108-88-3	Toluene	ND	1.0	0.50	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.50	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.60	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.50	ug/l	
	m,p-Xylene	ND	2.0	0.50	ug/l	
95-47-6	o-Xylene	ND	1.0	0.50	ug/l	

Method Blank Summary

Job Number: F33270
Account: STOLCOGJ S M Stoller
Project: Quarterly Sampling, STAR Center, Largo, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VC1392-MB	C0034207.D	1	07/28/05	KW	n/a	n/a	VC1392

The QC reported here applies to the following samples: **Method:** SW846 8260B

F33270-2, F33270-3, F33270-4, F33270-8, F33270-9

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	95%	86-115%
17060-07-0	1,2-Dichloroethane-D4	89%	73-126%
2037-26-5	Toluene-D8	106%	86-112%
460-00-4	4-Bromofluorobenzene	107%	83-119%

Blank Spike Summary

Job Number: F33270
Account: STOLCOGJ S M Stoller
Project: Quarterly Sampling, STAR Center, Largo, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VC1391-BS	C0034167.D	1	07/27/05	KW	n/a	n/a	VC1391

The QC reported here applies to the following samples: **Method:** SW846 8260B

F33270-1, F33270-2, F33270-5, F33270-6, F33270-7, F33270-9

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
71-43-2	Benzene	25	26.0	104	80-120
75-27-4	Bromodichloromethane	25	24.8	99	75-120
75-25-2	Bromoform	25	24.8	99	60-129
108-90-7	Chlorobenzene	25	25.8	103	82-112
75-00-3	Chloroethane	25	27.0	108	67-148
67-66-3	Chloroform	25	25.8	103	78-118
110-75-8	2-Chloroethyl vinyl ether	125	163	130	23-132
56-23-5	Carbon tetrachloride	25	26.8	107	69-137
75-34-3	1,1-Dichloroethane	25	26.9	108	75-117
75-35-4	1,1-Dichloroethylene	25	27.3	109	67-134
107-06-2	1,2-Dichloroethane	25	25.2	101	68-121
78-87-5	1,2-Dichloropropane	25	25.4	102	78-122
124-48-1	Dibromochloromethane	25	25.1	100	68-118
75-71-8	Dichlorodifluoromethane	25	25.3	101	43-173
156-59-2	cis-1,2-Dichloroethylene	25	26.1	104	81-120
10061-01-5	cis-1,3-Dichloropropene	25	25.7	103	73-115
541-73-1	m-Dichlorobenzene	25	26.8	107	78-116
95-50-1	o-Dichlorobenzene	25	26.0	104	77-115
106-46-7	p-Dichlorobenzene	25	24.7	99	77-113
156-60-5	trans-1,2-Dichloroethylene	25	27.3	109	74-125
10061-02-6	trans-1,3-Dichloropropene	25	27.9	112	69-115
100-41-4	Ethylbenzene	25	26.4	106	82-115
74-83-9	Methyl bromide	25	27.1	108	60-165
74-87-3	Methyl chloride	25	25.1	100	58-152
75-09-2	Methylene chloride	25	23.4	94	66-125
1634-04-4	Methyl Tert Butyl Ether	25	28.9	116	67-127
71-55-6	1,1,1-Trichloroethane	25	26.7	107	78-132
79-34-5	1,1,2,2-Tetrachloroethane	25	23.8	95	67-119
79-00-5	1,1,2-Trichloroethane	25	25.1	100	74-115
127-18-4	Tetrachloroethylene	25	26.5	106	75-126
108-88-3	Toluene	25	25.3	101	81-114
79-01-6	Trichloroethylene	25	25.1	100	80-115
75-69-4	Trichlorofluoromethane	25	31.2	125	65-163
75-01-4	Vinyl chloride	25	25.3	101	70-151
	m,p-Xylene	50	53.6	107	83-118
95-47-6	o-Xylene	25	27.0	108	77-119

Blank Spike Summary

Job Number: F33270
Account: STOLCOGJ S M Stoller
Project: Quarterly Sampling, STAR Center, Largo, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VC1391-BS	C0034167.D	1	07/27/05	KW	n/a	n/a	VC1391

The QC reported here applies to the following samples: **Method:** SW846 8260B

F33270-1, F33270-2, F33270-5, F33270-6, F33270-7, F33270-9

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	101%	86-115%
17060-07-0	1,2-Dichloroethane-D4	105%	73-126%
2037-26-5	Toluene-D8	101%	86-112%
460-00-4	4-Bromofluorobenzene	103%	83-119%

Blank Spike Summary

Job Number: F33270
Account: STOLCOGJ S M Stoller
Project: Quarterly Sampling, STAR Center, Largo, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VC1392-BS	C0034206.D	1	07/28/05	KW	n/a	n/a	VC1392

The QC reported here applies to the following samples: **Method:** SW846 8260B

F33270-2, F33270-3, F33270-4, F33270-8, F33270-9

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
71-43-2	Benzene	25	25.7	103	80-120
75-27-4	Bromodichloromethane	25	23.3	93	75-120
75-25-2	Bromoform	25	23.5	94	60-129
108-90-7	Chlorobenzene	25	24.8	99	82-112
75-00-3	Chloroethane	25	21.7	87	67-148
67-66-3	Chloroform	25	24.4	98	78-118
110-75-8	2-Chloroethyl vinyl ether	125	184	147*	23-132
56-23-5	Carbon tetrachloride	25	24.3	97	69-137
75-34-3	1,1-Dichloroethane	25	24.8	99	75-117
75-35-4	1,1-Dichloroethylene	25	22.1	88	67-134
107-06-2	1,2-Dichloroethane	25	22.2	89	68-121
78-87-5	1,2-Dichloropropane	25	24.7	99	78-122
124-48-1	Dibromochloromethane	25	24.5	98	68-118
75-71-8	Dichlorodifluoromethane	25	15.8	63	43-173
156-59-2	cis-1,2-Dichloroethylene	25	25.3	101	81-120
10061-01-5	cis-1,3-Dichloropropene	25	23.1	92	73-115
541-73-1	m-Dichlorobenzene	25	24.7	99	78-116
95-50-1	o-Dichlorobenzene	25	23.9	96	77-115
106-46-7	p-Dichlorobenzene	25	23.1	92	77-113
156-60-5	trans-1,2-Dichloroethylene	25	24.5	98	74-125
10061-02-6	trans-1,3-Dichloropropene	25	25.9	104	69-115
100-41-4	Ethylbenzene	25	25.9	104	82-115
74-83-9	Methyl bromide	25	21.3	85	60-165
74-87-3	Methyl chloride	25	17.9	72	58-152
75-09-2	Methylene chloride	25	21.7	87	66-125
1634-04-4	Methyl Tert Butyl Ether	25	27.2	109	67-127
71-55-6	1,1,1-Trichloroethane	25	24.6	98	78-132
79-34-5	1,1,2,2-Tetrachloroethane	25	24.9	100	67-119
79-00-5	1,1,2-Trichloroethane	25	25.0	100	74-115
127-18-4	Tetrachloroethylene	25	25.6	102	75-126
108-88-3	Toluene	25	25.5	102	81-114
79-01-6	Trichloroethylene	25	23.2	93	80-115
75-69-4	Trichlorofluoromethane	25	21.6	86	65-163
75-01-4	Vinyl chloride	25	19.4	78	70-151
	m,p-Xylene	50	52.1	104	83-118
95-47-6	o-Xylene	25	26.6	106	77-119

Blank Spike Summary

Job Number: F33270
Account: STOLCOGJ S M Stoller
Project: Quarterly Sampling, STAR Center, Largo, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VC1392-BS	C0034206.D	1	07/28/05	KW	n/a	n/a	VC1392

The QC reported here applies to the following samples: **Method:** SW846 8260B

F33270-2, F33270-3, F33270-4, F33270-8, F33270-9

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	100%	86-115%
17060-07-0	1,2-Dichloroethane-D4	97%	73-126%
2037-26-5	Toluene-D8	103%	86-112%
460-00-4	4-Bromofluorobenzene	101%	83-119%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F33270
Account: STOLCOGJ S M Stoller
Project: Quarterly Sampling, STAR Center, Largo, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
F33238-1MS	C0034174.D	1	07/27/05	KW	n/a	n/a	VC1391
F33238-1MSD	C0034175.D	1	07/27/05	KW	n/a	n/a	VC1391
F33238-1	C0034173.D	1	07/27/05	KW	n/a	n/a	VC1391

The QC reported here applies to the following samples: **Method:** SW846 8260B

F33270-1, F33270-2, F33270-5, F33270-6, F33270-7, F33270-9

CAS No.	Compound	F33238-1 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	0.64	J	25	25.8	101	25.8	101	0	72-125/7
75-27-4	Bromodichloromethane	ND		25	25.7	103	26.0	104	1	72-120/8
75-25-2	Bromoform	ND		25	25.4	102	25.1	100	1	55-127/11
108-90-7	Chlorobenzene	ND		25	25.6	102	25.5	102	0	79-113/7
75-00-3	Chloroethane	ND		25	31.0	124	32.3	129	4	56-164/14
67-66-3	Chloroform	ND		25	26.2	105	25.9	104	1	75-120/8
110-75-8	2-Chloroethyl vinyl ether	ND		125	ND	0*	ND	0*	nc	8-137/18
56-23-5	Carbon tetrachloride	ND		25	27.2	109	27.0	108	1	56-145/12
75-34-3	1,1-Dichloroethane	ND		25	26.7	107	26.9	108	1	70-122/10
75-35-4	1,1-Dichloroethylene	ND		25	25.0	100	25.5	102	2	61-137/15
107-06-2	1,2-Dichloroethane	ND		25	27.0	108	26.9	108	0	64-124/7
78-87-5	1,2-Dichloropropane	ND		25	25.4	102	25.6	102	1	74-123/8
124-48-1	Dibromochloromethane	ND		25	24.8	99	24.8	99	0	63-119/9
75-71-8	Dichlorodifluoromethane	ND		25	26.1	104	27.4	110	5	35-184/21
156-59-2	cis-1,2-Dichloroethylene	ND		25	25.3	101	24.9	100	2	74-125/9
10061-01-5	cis-1,3-Dichloropropene	ND		25	25.3	101	25.4	102	0	65-112/10
541-73-1	m-Dichlorobenzene	ND		25	26.2	105	26.2	105	0	74-114/7
95-50-1	o-Dichlorobenzene	ND		25	25.5	102	25.5	102	0	73-114/8
106-46-7	p-Dichlorobenzene	ND		25	24.0	96	23.7	95	1	74-112/7
156-60-5	trans-1,2-Dichloroethylene	ND		25	27.2	109	27.1	108	0	70-127/11
10061-02-6	trans-1,3-Dichloropropene	ND		25	27.3	109	26.9	108	1	59-116/11
100-41-4	Ethylbenzene	ND		25	26.0	104	26.0	104	0	73-119/8
74-83-9	Methyl bromide	ND		25	31.8	127	32.2	129	1	52-172/16
74-87-3	Methyl chloride	ND		25	22.5	90	24.2	97	7	53-155/19
75-09-2	Methylene chloride	ND		25	24.2	97	24.0	96	1	61-129/11
1634-04-4	Methyl Tert Butyl Ether	3.1		25	32.3	117	32.3	117	0	61-129/9
71-55-6	1,1,1-Trichloroethane	ND		25	27.2	109	27.6	110	1	72-133/8
79-34-5	1,1,2,2-Tetrachloroethane	ND		25	22.9	92	23.1	92	1	64-120/10
79-00-5	1,1,2-Trichloroethane	ND		25	24.1	96	23.4	94	3	72-116/9
127-18-4	Tetrachloroethylene	ND		25	25.8	103	25.3	101	2	70-126/9
108-88-3	Toluene	0.72	J	25	25.2	98	24.9	97	1	67-123/8
79-01-6	Trichloroethylene	ND		25	24.4	98	24.4	98	0	73-117/10
75-69-4	Trichlorofluoromethane	ND		25	31.1	124	32.1	128	3	52-164/16
75-01-4	Vinyl chloride	ND		25	21.8	87	24.4	98	11	63-161/18
	m,p-Xylene	ND		50	53.6	107	53.2	106	1	74-123/7
95-47-6	o-Xylene	ND		25	27.3	109	27.0	108	1	68-123/7

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F33270
Account: STOLCOGJ S M Stoller
Project: Quarterly Sampling, STAR Center, Largo, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
F33238-1MS	C0034174.D	1	07/27/05	KW	n/a	n/a	VC1391
F33238-1MSD	C0034175.D	1	07/27/05	KW	n/a	n/a	VC1391
F33238-1	C0034173.D	1	07/27/05	KW	n/a	n/a	VC1391

The QC reported here applies to the following samples: **Method:** SW846 8260B

F33270-1, F33270-2, F33270-5, F33270-6, F33270-7, F33270-9

CAS No.	Surrogate Recoveries	MS	MSD	F33238-1	Limits
1868-53-7	Dibromofluoromethane	104%	103%	100%	86-115%
17060-07-0	1,2-Dichloroethane-D4	114%	113%	105%	73-126%
2037-26-5	Toluene-D8	96%	96%	100%	86-112%
460-00-4	4-Bromofluorobenzene	94%	96%	104%	83-119%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F33270
Account: STOLCOGJ S M Stoller
Project: Quarterly Sampling, STAR Center, Largo, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
F33270-2MS	C0034209.D	50	07/28/05	KW	n/a	n/a	VC1392
F33270-2MSD	C0034210.D	50	07/28/05	KW	n/a	n/a	VC1392
F33270-2	C0034208.D	50	07/28/05	KW	n/a	n/a	VC1392

The QC reported here applies to the following samples: **Method:** SW846 8260B

F33270-2, F33270-3, F33270-4, F33270-8, F33270-9

CAS No.	Compound	F33270-2 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	50 U		1250	1300	104	1280	102	2	72-125/7
75-27-4	Bromodichloromethane	50 U		1250	1200	96	1190	95	1	72-120/8
75-25-2	Bromoform	50 U		1250	1210	97	1210	97	0	55-127/11
108-90-7	Chlorobenzene	50 U		1250	1250	100	1240	99	1	79-113/7
75-00-3	Chloroethane	100 U		1250	1160	93	1160	93	0	56-164/14
67-66-3	Chloroform	50 U		1250	1240	99	1230	98	1	75-120/8
110-75-8	2-Chloroethyl vinyl ether	250 U		6250	8590	137	7900	126	8	8-137/18
56-23-5	Carbon tetrachloride	50 U		1250	1250	100	1230	98	2	56-145/12
75-34-3	1,1-Dichloroethane	50 U		1250	1280	102	1250	100	2	70-122/10
75-35-4	1,1-Dichloroethylene	50 U		1250	1100	88	1130	90	3	61-137/15
107-06-2	1,2-Dichloroethane	50 U		1250	1160	93	1150	92	1	64-124/7
78-87-5	1,2-Dichloropropane	50 U		1250	1230	98	1240	99	1	74-123/8
124-48-1	Dibromochloromethane	50 U		1250	1210	97	1220	98	1	63-119/9
75-71-8	Dichlorodifluoromethane	50 U		1250	797	64	815	65	2	35-184/21
156-59-2	cis-1,2-Dichloroethylene	778		1250	2030	100	2020	99	0	74-125/9
10061-01-5	cis-1,3-Dichloropropene	50 U		1250	1220	98	1210	97	1	65-112/10
541-73-1	m-Dichlorobenzene	50 U		1250	1250	100	1240	99	1	74-114/7
95-50-1	o-Dichlorobenzene	50 U		1250	1230	98	1220	98	1	73-114/8
106-46-7	p-Dichlorobenzene	50 U		1250	1180	94	1180	94	0	74-112/7
156-60-5	trans-1,2-Dichloroethylene	50 U		1250	1260	101	1250	100	1	70-127/11
10061-02-6	trans-1,3-Dichloropropene	50 U		1250	1350	108	1360	109	1	59-116/11
100-41-4	Ethylbenzene	50 U		1250	1300	104	1300	104	0	73-119/8
74-83-9	Methyl bromide	100 U		1250	1090	87	1170	94	7	52-172/16
74-87-3	Methyl chloride	100 U		1250	853	68	880	70	3	53-155/19
75-09-2	Methylene chloride	250 U		1250	1140	91	1110	89	3	61-129/11
1634-04-4	Methyl Tert Butyl Ether	50 U		1250	1350	108	1360	109	1	61-129/9
71-55-6	1,1,1-Trichloroethane	50 U		1250	1280	102	1260	101	2	72-133/8
79-34-5	1,1,2,2-Tetrachloroethane	50 U		1250	1210	97	1220	98	1	64-120/10
79-00-5	1,1,2-Trichloroethane	50 U		1250	1230	98	1250	100	2	72-116/9
127-18-4	Tetrachloroethylene	50 U		1250	1270	102	1280	102	1	70-126/9
108-88-3	Toluene	50 U		1250	1260	101	1290	103	2	67-123/8
79-01-6	Trichloroethylene	50 U		1250	1160	93	1150	92	1	73-117/10
75-69-4	Trichlorofluoromethane	100 U		1250	1120	90	1120	90	0	52-164/16
75-01-4	Vinyl chloride	1770		1250	2380	49*	2480	57*	4	63-161/18
	m,p-Xylene	100 U		2500	2640	106	2640	106	0	74-123/7
95-47-6	o-Xylene	50 U		1250	1360	109	1360	109	0	68-123/7

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F33270
Account: STOLCOGJ S M Stoller
Project: Quarterly Sampling, STAR Center, Largo, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
F33270-2MS	C0034209.D	50	07/28/05	KW	n/a	n/a	VC1392
F33270-2MSD	C0034210.D	50	07/28/05	KW	n/a	n/a	VC1392
F33270-2	C0034208.D	50	07/28/05	KW	n/a	n/a	VC1392

The QC reported here applies to the following samples: **Method:** SW846 8260B

F33270-2, F33270-3, F33270-4, F33270-8, F33270-9

CAS No.	Surrogate Recoveries	MS	MSD	F33270-2	Limits
1868-53-7	Dibromofluoromethane	102%	101%	98%	86-115%
17060-07-0	1,2-Dichloroethane-D4	100%	99%	91%	73-126%
2037-26-5	Toluene-D8	100%	101%	103%	86-112%
460-00-4	4-Bromofluorobenzene	98%	97%	106%	83-119%

Metals Analysis

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Matrix Spike and Duplicate Summaries
- Blank Spike and Lab Control Sample Summaries
- Serial Dilution Summaries

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: F33270
Account: STOLCOGJ - S M Stoller
Project: Quarterly Sampling, STAR Center, Largo, FL

QC Batch ID: MP8299
Matrix Type: AQUEOUS

Methods: SW846 6010B
Units: ug/l

Prep Date: 07/19/05

Metal	RL	IDL	MB raw	final
Aluminum	200	6.6		
Antimony	5.0	1.5		
Arsenic	10	2.8	-1.2	<10
Barium	200	.5		
Beryllium	4.0	.3		
Cadmium	5.0	.3		
Calcium	1000	3.8		
Chromium	10	.4		
Cobalt	50	.5		
Copper	25	.4		
Iron	300	7.1		
Lead	5.0	1.2	anr	
Magnesium	5000	9.9		
Manganese	15	.2		
Molybdenum	50	.8		
Nickel	40	1.1		
Potassium	5000	14		
Selenium	10	2		
Silver	10	.6		
Sodium	5000	150		
Thallium	10	1.5		
Tin	50	1.5		
Vanadium	50	.5	anr	
Zinc	20	.6		

Associated samples MP8299: F33270-10, F33270-11

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: F33270
Account: STOLCOGJ - S M Stoller
Project: Quarterly Sampling, STAR Center, Largo, FL

QC Batch ID: MP8299 Methods: SW846 6010B
Matrix Type: AQUEOUS Units: ug/l

Prep Date:			07/19/05					07/19/05	
Metal	F33023-3 Original	DUP	RPD	QC Limits	F33023-3 Original	MS	Spikelot MPFLICP	% Rec	QC Limits
Aluminum									
Antimony									
Arsenic	0.0	0.0	NC	0-12	0.0	3840	4000	96.0	83-116
Barium									
Beryllium									
Cadmium									
Calcium									
Chromium									
Cobalt									
Copper									
Iron									
Lead	anr								
Magnesium									
Manganese									
Molybdenum									
Nickel									
Potassium									
Selenium									
Silver									
Sodium									
Thallium									
Tin									
Vanadium	anr								
Zinc									

Associated samples MP8299: F33270-10, F33270-11

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: F33270
Account: STOLCOGJ - S M Stoller
Project: Quarterly Sampling, STAR Center, Largo, FL

QC Batch ID: MP8299
Matrix Type: AQUEOUS

Methods: SW846 6010B
Units: ug/l

Prep Date: 07/19/05

Metal	F33023-3 Original	MSD	Spikelot MPFLICP	% Rec	MSD RPD	QC Limit
Aluminum						
Antimony						
Arsenic	0.0	3820	4000	95.5	0.5	20
Barium						
Beryllium						
Cadmium						
Calcium						
Chromium						
Cobalt						
Copper						
Iron						
Lead	anr					
Magnesium						
Manganese						
Molybdenum						
Nickel						
Potassium						
Selenium						
Silver						
Sodium						
Thallium						
Tin						
Vanadium	anr					
Zinc						

Associated samples MP8299: F33270-10, F33270-11

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: F33270
Account: STOLCOGJ - S M Stoller
Project: Quarterly Sampling, STAR Center, Largo, FL

QC Batch ID: MP8299
Matrix Type: AQUEOUS

Methods: SW846 6010B
Units: ug/l

Prep Date: 07/19/05

Metal	BSP Result	Spikelot MPFLICP	% Rec	QC Limits
Aluminum				
Antimony				
Arsenic	3780	4000	94.5	80-120
Barium				
Beryllium				
Cadmium				
Calcium				
Chromium				
Cobalt				
Copper				
Iron				
Lead	anr			
Magnesium				
Manganese				
Molybdenum				
Nickel				
Potassium				
Selenium				
Silver				
Sodium				
Thallium				
Tin				
Vanadium	anr			
Zinc				

Associated samples MP8299: F33270-10, F33270-11

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

SERIAL DILUTION RESULTS SUMMARY

Login Number: F33270
Account: STOLCOGJ - S M Stoller
Project: Quarterly Sampling, STAR Center, Largo, FL

QC Batch ID: MP8299
Matrix Type: AQUEOUS

Methods: SW846 6010B
Units: ug/l

Prep Date: 07/19/05

Metal	F33023-3 Original	SDL 1:5	RPD	QC Limits
Aluminum				
Antimony				
Arsenic	0.00	0.00	NC	0-10
Barium				
Beryllium				
Cadmium				
Calcium				
Chromium				
Cobalt				
Copper				
Iron				
Lead	anr			
Magnesium				
Manganese				
Molybdenum				
Nickel				
Potassium				
Selenium				
Silver				
Sodium				
Thallium				
Tin				
Vanadium	anr			
Zinc				

Associated samples MP8299: F33270-10, F33270-11

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

Southeast ACCUTEST Laboratories

10/24/05

Technical Report for

S M Stoller

Quarterly Sampling, STAR Center, Largo, FL

110406202

Accutest Job Number: F33271

Sampling Dates: 07/14/05 - 07/15/05

Report to:

S M Stoller

Cathy.Kelleher@gjo.doe.gov

ATTN: Cathy Kelleher

Total number of pages in report: **22**

ACCREDITED IN ACCORDANCE WITH nelac

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Conference and/or state specific certification programs as applicable.

Harry Behzadi, Ph.D.
Laboratory Director

Certifications: FL (DOH E83510), NC (573), NJ (FL002), MA (FL946), IA (366), LA (03051), KS (E-10327), SC, AK

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Sample Summary

S M Stoller

Job No: F33271

Quarterly Sampling, STAR Center, Largo, FL
Project No: 110406202

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
F33271-1	07/14/05	12:52	JPC	07/15/05	AQ	Ground Water	PIN12-S35B-N001
F33271-2	07/14/05	13:16	JPC	07/15/05	AQ	Ground Water	PIN12-S37B-N001
F33271-3	07/14/05	13:58	JPC	07/15/05	AQ	Ground Water	PIN12-S33C-N001
F33271-4	07/14/05	14:19	JPC	07/15/05	AQ	Ground Water	PIN12-S31B-N001
F33271-5	07/14/05	14:42	JPC	07/15/05	AQ	Ground Water	PIN12-S32B-N001
F33271-6	07/15/05	08:23	JPC	07/15/05	AQ	Ground Water	PIN18-0500-N001
F33271-7	07/15/05	08:47	JPC	07/15/05	AQ	Ground Water	PIN18-0502-N001
F33271-8	07/15/05	09:20	JPC	07/15/05	AQ	Ground Water	PIN12-0525-N001
F33271-9	07/15/05	10:13	JPC	07/15/05	AQ	Ground Water	PIN15-0570-N001

SAMPLE DELIVERY GROUP CASE NARRATIVE

Client: S M Stoller **Job No:** F33271

Site: Quarterly Sampling, STAR Center, Largo, FL **Report Date** 7/25/2005

9 Samples were collected on between 07/14/2005 and 07/15/2005 and were received at Accutest on 07/15/2005 properly preserved, at 3 Deg. C and intact. These Samples received an Accutest job number of F33271.A listing of the Laboratory Sample ID, Client Sample ID and dates of collection are presented in the Results Summary Section of this report.

Except as noted below, all method specified calibrations and quality control performance criteria were met for this job. For more information, please refer to QC summary pages.

Metals By Method SW846 6010B

Matrix: AQ **Batch ID:** MP8300

All method blanks for this batch meet method specific criteria.

Samples F33073-7ADUP, F33073-7AMS, F33073-7AMSD, F33073-7ASDL were used as the QC samples for metals.

Accutest Laboratories Southeast (ALSE) certifies that this report meets the project requirements for analytical data produced for the samples as received at ALSE and as stated on the COC. ALSE certifies that the data meets the Data QualityObjectives for precision, accuracy and completeness as specified in the ALSE Quality Manual except as noted above. This report is to be used in its entirety. ALSE is not responsible for any assumptions of data quality if partial data packages are used.

Narrative prepared by:

Date: July 25, 2005

Sue O. Bell, Project Manager (signature on file)

Report of Analysis

Client Sample ID:	PIN12-S35B-N001		
Lab Sample ID:	F33271-1	**Date Sampled:**	07/14/05
Matrix:	AQ - Ground Water	**Date Received:**	07/15/05
		Percent Solids:	n/a
Project:	Quarterly Sampling, STAR Center, Largo, FL		

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	18.9	10	2.9	ug/l	1	07/19/05	07/20/05	JM	SW846 6010B [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA4451
(2) Prep QC Batch: MP8300

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
I = Indicates a result > = MDL but < RL

Report of Analysis

Client Sample ID:	PIN12-S37B-N001		
Lab Sample ID:	F33271-2	**Date Sampled:**	07/14/05
Matrix:	AQ - Ground Water	**Date Received:**	07/15/05
		Percent Solids:	n/a
Project:	Quarterly Sampling, STAR Center, Largo, FL		

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	3.7 I	10	2.9	ug/l	1	07/19/05	07/20/05	JM	SW846 6010B [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA4451
(2) Prep QC Batch: MP8300

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
I = Indicates a result > = MDL but < RL

Report of Analysis

Client Sample ID:	PIN12-S33C-N001		
Lab Sample ID:	F33271-3	**Date Sampled:**	07/14/05
Matrix:	AQ - Ground Water	**Date Received:**	07/15/05
		Percent Solids:	n/a
Project:	Quarterly Sampling, STAR Center, Largo, FL		

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	8.3 I	10	2.9	ug/l	1	07/19/05	07/20/05	JM	SW846 6010B [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA4451
(2) Prep QC Batch: MP8300

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
I = Indicates a result > = MDL but < RL

Report of Analysis

Client Sample ID:	PIN12-S31B-N001		
Lab Sample ID:	F33271-4	**Date Sampled:**	07/14/05
Matrix:	AQ - Ground Water	**Date Received:**	07/15/05
		Percent Solids:	n/a
Project:	Quarterly Sampling, STAR Center, Largo, FL		

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	29.3	10	2.9	ug/l	1	07/19/05	07/20/05	JM	SW846 6010B [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA4451
(2) Prep QC Batch: MP8300

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
I = Indicates a result > = MDL but < RL

Report of Analysis

Client Sample ID:	PIN12-S32B-N001		
Lab Sample ID:	F33271-5	**Date Sampled:**	07/14/05
Matrix:	AQ - Ground Water	**Date Received:**	07/15/05
		Percent Solids:	n/a
Project:	Quarterly Sampling, STAR Center, Largo, FL		

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	45.1	10	2.9	ug/l	1	07/19/05	07/20/05	JM	SW846 6010B [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA4451
(2) Prep QC Batch: MP8300

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
I = Indicates a result > = MDL but < RL

Report of Analysis

Client Sample ID:	PIN18-0500-N001		
Lab Sample ID:	F33271-6	**Date Sampled:**	07/15/05
Matrix:	AQ - Ground Water	**Date Received:**	07/15/05
		Percent Solids:	n/a
Project:	Quarterly Sampling, STAR Center, Largo, FL		

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed By	Method	Prep Method
Arsenic	52.4	10	2.9	ug/l	1	07/19/05	07/20/05 JM	SW846 6010B [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA4451
(2) Prep QC Batch: MP8300

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
I = Indicates a result > = MDL but < RL

Report of Analysis

Client Sample ID:	PIN18-0502-N001		
Lab Sample ID:	F33271-7	**Date Sampled:**	07/15/05
Matrix:	AQ - Ground Water	**Date Received:**	07/15/05
		Percent Solids:	n/a
Project:	Quarterly Sampling, STAR Center, Largo, FL		

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed By	Method	Prep Method
Arsenic	35.6	10	2.9	ug/l	1	07/19/05	07/20/05 JM	SW846 6010B [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA4451
(2) Prep QC Batch: MP8300

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
I = Indicates a result > = MDL but < RL

Report of Analysis

Client Sample ID:	PIN12-0525-N001		
Lab Sample ID:	F33271-8	**Date Sampled:**	07/15/05
Matrix:	AQ - Ground Water	**Date Received:**	07/15/05
		Percent Solids:	n/a
Project:	Quarterly Sampling, STAR Center, Largo, FL		

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed By	Method	Prep Method
Arsenic	20.6	10	2.9	ug/l	1	07/19/05	07/20/05 JM	SW846 6010B [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA4451
(2) Prep QC Batch: MP8300

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
I = Indicates a result > = MDL but < RL

Report of Analysis

Client Sample ID:	PIN15-0570-N001		
Lab Sample ID:	F33271-9	**Date Sampled:**	07/15/05
Matrix:	AQ - Ground Water	**Date Received:**	07/15/05
		Percent Solids:	n/a
Project:	Quarterly Sampling, STAR Center, Largo, FL		

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	2.9 U	10	2.9	ug/l	1	07/19/05	07/20/05	JM	SW846 6010B [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA4451
(2) Prep QC Batch: MP8300

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
I = Indicates a result > = MDL but < RL

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

CHAIN OF CUSTODY and SAMPLE SUBMITTAL FORM

Young-Rainey Star Center 4.5 Acre Quarterly Sampling

S.M. Stoller, 7887 Bryan Dairy Rd. Suite 280, Largo, FL 33777, tel. 727-541-8103, fax 727-549-1121

ACCUTEST JOB NUMBER F33271

4405 Vineland Rd. Suite C-15, Orlando, FL 32811 tel 407-425-6700 fax 407-425-0707

Sample Matrix is Groundwater, samples are preserved on Ice. Temp._____ C

Sample number	Sample ID	Date	Time	Sampled by	No. Bottles	VOC 8260 preserved w/HCl	Arsenic preserved w/HNO3	Fl-Pro preserved w/HCl				Samplers Notes	Lab Use Only
1	PIN12-S35B-N001	7-14-05	1252	JPC	1		1						
2	PIN12-S37B-N001	7-14-05	1316	JPC	1		1						
3	PIN12-S33C-N001	↓	1358	JPC	1		1						
4	PIN12-S31B-N001	↓	1419	JPC	1		1						
5	PIN12-S32B-N001	↓	1442	JPC	1		1						
6	PIN18-0500-N001	7-15-05	0823	JPC	1		1						
7	PIN18-0502-N001	↓	0847	JPC	1		1						
8	PIN12-0525-N001	↓	0920	JPC	1		1						
9	PIN15-0570-N001	↓	1013	JPC	1		1						

This is a preprinted list. Samples not included in this shipment are lined out

Relinquished by Sampler	Date	Time	Received by Courier	Date	Time
[signature]	7-15-05	1200	[signature]	7-15-05	13:00
Relinquished by Courier	**Date**	**Time**	**Received by Laboratory**	**Date**	**Time**
[signature]	7-15-05		[signature]	7-15-05	1911.5

Data Turnaround	
std	
48 hr	
24 hr	

F33271: Chain of Custody
Page 1 of 2

ACCUTEST LABORATORIES SAMPLE RECEIPT CONFIRMATION

ACCUTEST'S JOB NUMBER: F33271 CLIENT: S.M. Stoller PROJECT: Young - Rainey

DATE/TIME RECEIVED: 7-15-05 / 19:15 # OF COOLERS RECEIVED: 1 COOLER TEMPS: 3.0

METHOD OF DELIVERY: FEDEX UPS ACCUTEST COURIER GREYHOUND DELIVERY OTHER

AIRBILL NUMBERS:

COOLER INFORMATION

- [ ] CUSTODY SEAL NOT PRESENT OR NOT INTACT
- [ ] NO COC RECEIVED
- [ ] ANALYSIS REQUESTED IS UNCLEAR OR MISSING
- [ ] SAMPLE DATES OR TIMES UNCLEAR OR MISSING
- [ ] TEMPERATURE CRITERIA NOT MET

TRIP BLANK INFORMATION

- [x] TRIP BLANK NOT PROVIDED
- [x] TRIP BLANK NOT ON COC
- [ ] TRIP BLANK INTACT
- [ ] TRIP BLANK NOT INTACT
- [ ] RECEIVED WATER TRIP BLANK
- [ ] RECEIVED SOIL TRIP BLANK

SAMPLE INFORMATION

- [ ] SAMPLE LABELS PRESENT ON ALL BOTTLES
- [ ] CORRECT NUMBER OF CONTAINERS USED
- [ ] SAMPLE RECEIVED IMPROPERLY PRESERVED
- [ ] INSUFFICIENT VOLUME FOR ANALYSIS
- [ ] TIMES ON COC DON'T MATCH LABEL
- [ ] ID'S ON COC DON'T MATCH LABEL
- [ ] VOC VIALS HAVE HEADSPACE (MACRO BUBBLES)
- [ ] BOTTLES RECEIVED BUT ANALYSIS NOT REQUESTED
- [ ] NO BOTTLES RECEIVED FOR ANALYSIS REQUESTED
- [ ] UNCLEAR FILTERING INSTRUCTIONS
- [ ] UNCLEAR COMPOSITING INSTRUCTIONS
- [ ] SAMPLE(S) RECEIVED BROKEN
- [ ] % SOLIDS JAR NOT RECEIVED

SOIL INFORMATION

NUMBER OF ENCORES ? Ø

NUMBER OF 5035 FIELD KITS ? Ø

SUMMARY OF COMMENTS:

TECHNICIAN SIGNATURE/DATE [signature] 7-15-05 TECHNICIAN SIGNATURE/DATE [signature]

ASBD06/22/05

4.1

4

F33271: Chain of Custody
Page 2 of 2

Metals Analysis

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Matrix Spike and Duplicate Summaries
- Blank Spike and Lab Control Sample Summaries
- Serial Dilution Summaries

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: F33271
Account: STOLCOGJ - S M Stoller
Project: Quarterly Sampling, STAR Center, Largo, FL

QC Batch ID: MP8300
Matrix Type: AQUEOUS

Methods: SW846 6010B
Units: ug/l

Prep Date: 07/19/05

Metal	RL	IDL	MB raw	final
Aluminum	200	6.6		
Antimony	5.0	1.5		
Arsenic	10	2.8	1.4	<10
Barium	200	.5		
Beryllium	4.0	.3		
Cadmium	5.0	.3	anr	
Calcium	1000	3.8		
Chromium	10	.4	anr	
Cobalt	50	.5		
Copper	25	.4		
Iron	300	7.1	anr	
Lead	5.0	1.2	anr	
Magnesium	5000	9.9		
Manganese	15	.2	anr	
Molybdenum	50	.8		
Nickel	40	1.1		
Potassium	5000	14		
Selenium	10	2		
Silver	10	.6		
Sodium	5000	150		
Thallium	10	1.5		
Tin	50	1.5		
Vanadium	50	.5		
Zinc	20	.6		

Associated samples MP8300: F33271-1, F33271-2, F33271-3, F33271-4, F33271-5, F33271-6, F33271-7, F33271-8, F33271-9

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: F33271
Account: STOLCOGJ - S M Stoller
Project: Quarterly Sampling, STAR Center, Largo, FL

QC Batch ID: MP8300
Matrix Type: AQUEOUS

Methods: SW846 6010B
Units: ug/l

Prep Date:			07/19/05					07/19/05	
Metal	F33073-7A Original	DUP	RPD	QC Limits	F33073-7A Original	MS	Spikelot MPFLICP	% Rec	QC Limits
Aluminum									
Antimony									
Arsenic	0.0	0.0	NC	0-12	0.0	3860	4000	96.5	83-116
Barium									
Beryllium									
Cadmium	anr								
Calcium									
Chromium	anr								
Cobalt									
Copper									
Iron	anr								
Lead	anr								
Magnesium									
Manganese	anr								
Molybdenum									
Nickel									
Potassium									
Selenium									
Silver									
Sodium									
Thallium									
Tin									
Vanadium									
Zinc									

Associated samples MP8300: F33271-1, F33271-2, F33271-3, F33271-4, F33271-5, F33271-6, F33271-7, F33271-8, F33271-9

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: F33271
Account: STOLCOGJ - S M Stoller
Project: Quarterly Sampling, STAR Center, Largo, FL

QC Batch ID: MP8300
Matrix Type: AQUEOUS

Methods: SW846 6010B
Units: ug/l

Prep Date: 07/19/05

Metal	F33073-7A Original	MSD	Spikelot MPFLICP	% Rec	MSD RPD	QC Limit
Aluminum						
Antimony						
Arsenic	0.0	3800	4000	95.0	1.6	20
Barium						
Beryllium						
Cadmium	anr					
Calcium						
Chromium	anr					
Cobalt						
Copper						
Iron	anr					
Lead	anr					
Magnesium						
Manganese	anr					
Molybdenum						
Nickel						
Potassium						
Selenium						
Silver						
Sodium						
Thallium						
Tin						
Vanadium						
Zinc						

Associated samples MP8300: F33271-1, F33271-2, F33271-3, F33271-4, F33271-5, F33271-6, F33271-7, F33271-8, F33271-9

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: F33271
Account: STOLCOGJ - S M Stoller
Project: Quarterly Sampling, STAR Center, Largo, FL

QC Batch ID: MP8300
Matrix Type: AQUEOUS

Methods: SW846 6010B
Units: ug/l

Prep Date: 07/19/05

Metal	BSP Result	Spikelot MPFLICP	% Rec	QC Limits
Aluminum				
Antimony				
Arsenic	3770	4000	94.3	80-120
Barium				
Beryllium				
Cadmium	anr			
Calcium				
Chromium	anr			
Cobalt				
Copper				
Iron	anr			
Lead	anr			
Magnesium				
Manganese	anr			
Molybdenum				
Nickel				
Potassium				
Selenium				
Silver				
Sodium				
Thallium				
Tin				
Vanadium				
Zinc				

Associated samples MP8300: F33271-1, F33271-2, F33271-3, F33271-4, F33271-5, F33271-6, F33271-7, F33271-8, F33271-9

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

SERIAL DILUTION RESULTS SUMMARY

Login Number: F33271
Account: STOLCOGJ - S M Stoller
Project: Quarterly Sampling, STAR Center, Largo, FL

QC Batch ID: MP8300
Matrix Type: AQUEOUS

Methods: SW846 6010B
Units: ug/l

Prep Date: 07/19/05

Metal	F33073-7A Original	SDL 1:5	RPD	QC Limits
Aluminum				
Antimony				
Arsenic	0.00	0.00	NC	0-10
Barium				
Beryllium				
Cadmium	anr			
Calcium				
Chromium	anr			
Cobalt				
Copper				
Iron	anr			
Lead	anr			
Magnesium				
Manganese	anr			
Molybdenum				
Nickel				
Potassium				
Selenium				
Silver				
Sodium				
Thallium				
Tin				
Vanadium				
Zinc				

Associated samples MP8300: F33271-1, F33271-2, F33271-3, F33271-4, F33271-5, F33271-6, F33271-7, F33271-8, F33271-9

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

Southeast ACCUTEST Laboratories

10/24/05

Technical Report for

S M Stoller

Quarterly Sampling, STAR Center, Largo, FL

110406202

Accutest Job Number: F33318

Sampling Dates: 07/15/05 - 07/18/05

Report to:

S M Stoller

Cathy.Kelleher@gjo.doe.gov

ATTN: Cathy Kelleher

Total number of pages in report: **52**

ACCREDITED IN ACCORDANCE WITH nelac

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Conference and/or state specific certification programs as applicable.

Harry Behzadi, Ph.D.
Laboratory Director

Certifications: FL (DOH E83510), NC (573), NJ (FL002), MA (FL946), IA (366), LA (03051), KS (E-10327), SC, AK

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Sample Summary

S M Stoller

Job No: F33318

Quarterly Sampling, STAR Center, Largo, FL
Project No: 110406202

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
F33318-1	07/15/05	14:10	JPL	07/18/05	AQ	Ground Water	PIN15-M14S-N001
F33318-2	07/15/05	14:32	JPL	07/18/05	AQ	Ground Water	PIN15-0530-N001
F33318-3	07/15/05	00:00	JPL	07/18/05	AQ	Ground Water	PIN24-0501-N001
F33318-4	07/15/05	15:01	JPL	07/18/05	AQ	Ground Water	PIN15-M32S-N001
F33318-5	07/15/05	15:35	JPL	07/18/05	AQ	Ground Water	PIN15-M03S-N001
F33318-6	07/18/05	07:40	JPL	07/18/05	AQ	Ground Water	PIN24-0506-N001
F33318-7	07/18/05	08:04	JPL	07/18/05	AQ	Ground Water	PIN15-0563-N001
F33318-8	07/18/05	08:35	JPL	07/18/05	AQ	Ground Water	PIN15-0562-N001
F33318-9	07/18/05	09:22	JPL	07/18/05	AQ	Ground Water	PIN15-0565-N001
F33318-10	07/18/05	09:46	JPL	07/18/05	AQ	Ground Water	PIN15-0564-N001
F33318-11	07/18/05	00:00	JPL	07/18/05	AQ	Ground Water	PIN24-0500-N001
F33318-12	07/18/05	10:28	JPL	07/18/05	AQ	Ground Water	PIN15-0567-N001

SAMPLE DELIVERY GROUP CASE NARRATIVE

Client: S M Stoller **Job No:** F33318

Site: Quarterly Sampling, STAR Center, Largo, FL **Report Date** 8/1/2005 10:44:58 AM

12 Samples were collected on between 07/15/2005 and 07/18/2005 and were received at Accutest on 07/18/2005 properly preserved, at 2.8 Deg. C and intact. These Samples received an Accutest job number of F33318.A listing of the Laboratory Sample ID, Client Sample ID and dates of collection are presented in the Results Summary Section of this report.

Except as noted below, all method specified calibrations and quality control performance criteria were met for this job. For more information, please refer to QC summary pages.

Volatiles by GCMS By Method SW846 8260B

Matrix: AQ **Batch ID:** VJ706

Samples F33447-3MS, F33447-3MSD were used as the QC samples indicated.

All method blanks for this batch meet method specific criteria.

MS/MSD recoveries for 2-Chloroethyl vinyl ether are outside control limits. Probable cause due to matrix interference.

RPD for MS/MSD for m,p-Xylene is outside control limits for sample F33447-3MSD. Probable cause due to sample homogeneity.

Extractables by GC By Method FLORIDA-PRO

Matrix: AQ **Batch ID:** OP13886

Sample(s) F33318-11MS, F33318-11MSD were used as the QC samples indicated.

All method blanks for this batch meet method specific criteria.

Metals By Method SW846 6010B

Matrix: AQ **Batch ID:** MP8308

Samples F33336-2MS, F33336-2MSD, F33336-2SDL, F33336-2DUP were used as the QC samples for metals.

All method blanks for this batch meet method specific criteria.

RPD for Serial Dilution for Arsenic is outside control limits for sample MP8308-SD1. Percent difference acceptable due to low initial sample concentration (< 50 times IDL).

RPD for Duplicate for Arsenic is outside control limits for sample MP8308-D1. RPD acceptable due to low duplicate and sample concentrations.

Accutest Laboratories Southeast (ALSE) certifies that this report meets the project requirements for analytical data produced for the samples as received at ALSE and as stated on the COC. ALSE certifies that the data meets the Data QualityObjectives for precision, accuracy and completeness as specified in the ALSE Quality Manual except as noted above. This report is to be used in its entirety. ALSE is not responsible for any assumptions of data quality if partial data packages are used.
Narrative prepared by:

Date: August 01, 2005

Sue O. Bell, Project Manager (signature on file)

Report of Analysis

Client Sample ID:	PIN15-M14S-N001		
Lab Sample ID:	F33318-1	**Date Sampled:**	07/15/05
Matrix:	AQ - Ground Water	**Date Received:**	07/18/05
		Percent Solids:	n/a
Project:	Quarterly Sampling, STAR Center, Largo, FL		

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	66.4	10	2.9	ug/l	1	07/20/05	07/21/05	JM	SW846 6010B [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA4453
(2) Prep QC Batch: MP8308

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
I = Indicates a result > = MDL but < RL

Report of Analysis

Client Sample ID:	PIN15-0530-N001		
Lab Sample ID:	F33318-2	**Date Sampled:**	07/15/05
Matrix:	AQ - Ground Water	**Date Received:**	07/18/05
		Percent Solids:	n/a
Project:	Quarterly Sampling, STAR Center, Largo, FL		

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	2.9 U	10	2.9	ug/l	1	07/20/05	07/21/05	JM	SW846 6010B [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA4453
(2) Prep QC Batch: MP8308

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
I = Indicates a result > = MDL but < RL

Report of Analysis

Client Sample ID:	PIN24-0501-N001		
Lab Sample ID:	F33318-3	**Date Sampled:**	07/15/05
Matrix:	AQ - Ground Water	**Date Received:**	07/18/05
		Percent Solids:	n/a
Project:	Quarterly Sampling, STAR Center, Largo, FL		

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	16.6	10	2.9	ug/l	1	07/20/05	07/21/05	JM	SW846 6010B [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA4453
(2) Prep QC Batch: MP8308

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
I = Indicates a result > = MDL but < RL

Report of Analysis

Client Sample ID:	PIN15-M32S-N001		
Lab Sample ID:	F33318-4	**Date Sampled:**	07/15/05
Matrix:	AQ - Ground Water	**Date Received:**	07/18/05
		Percent Solids:	n/a
Project:	Quarterly Sampling, STAR Center, Largo, FL		

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	16.8	10	2.9	ug/l	1	07/20/05	07/21/05	JM	SW846 6010B [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA4453
(2) Prep QC Batch: MP8308

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
I = Indicates a result > = MDL but < RL

Report of Analysis

Client Sample ID:	PIN15-M03S-N001		
Lab Sample ID:	F33318-5	**Date Sampled:**	07/15/05
Matrix:	AQ - Ground Water	**Date Received:**	07/18/05
		Percent Solids:	n/a
Project:	Quarterly Sampling, STAR Center, Largo, FL		

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	4.0 I	10	2.9	ug/l	1	07/20/05	07/21/05	JM	SW846 6010B [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA4453
(2) Prep QC Batch: MP8308

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
I = Indicates a result > = MDL but < RL

Report of Analysis

Client Sample ID:	PIN24-0506-N001		
Lab Sample ID:	F33318-6	**Date Sampled:**	07/18/05
Matrix:	AQ - Ground Water	**Date Received:**	07/18/05
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Quarterly Sampling, STAR Center, Largo, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	J016944.D	1	07/29/05	MM	n/a	n/a	VJ706
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	0.50 U	1.0	0.50	ug/l	
75-27-4	Bromodichloromethane	0.50 U	1.0	0.50	ug/l	
75-25-2	Bromoform	0.50 U	1.0	0.50	ug/l	
108-90-7	Chlorobenzene	0.50 U	1.0	0.50	ug/l	
75-00-3	Chloroethane	1.0 U	2.0	1.0	ug/l	
67-66-3	Chloroform	0.50 U	1.0	0.50	ug/l	
110-75-8	2-Chloroethyl vinyl ether	2.5 U	5.0	2.5	ug/l	
56-23-5	Carbon tetrachloride	0.50 U	1.0	0.50	ug/l	
75-34-3	1,1-Dichloroethane	0.50 U	1.0	0.50	ug/l	
75-35-4	1,1-Dichloroethylene	0.50 U	1.0	0.50	ug/l	
107-06-2	1,2-Dichloroethane	0.50 U	1.0	0.50	ug/l	
78-87-5	1,2-Dichloropropane	0.50 U	1.0	0.50	ug/l	
124-48-1	Dibromochloromethane	0.40 U	1.0	0.40	ug/l	
75-71-8	Dichlorodifluoromethane	0.50 U	1.0	0.50	ug/l	
156-59-2	cis-1,2-Dichloroethylene	0.50 U	1.0	0.50	ug/l	
10061-01-5	cis-1,3-Dichloropropene	0.30 U	1.0	0.30	ug/l	
541-73-1	m-Dichlorobenzene	0.50 U	1.0	0.50	ug/l	
95-50-1	o-Dichlorobenzene	0.50 U	1.0	0.50	ug/l	
106-46-7	p-Dichlorobenzene	0.50 U	1.0	0.50	ug/l	
156-60-5	trans-1,2-Dichloroethylene	0.50 U	1.0	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	0.30 U	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	0.50 U	1.0	0.50	ug/l	
74-83-9	Methyl bromide	1.0 U	2.0	1.0	ug/l	
74-87-3	Methyl chloride	1.0 U	2.0	1.0	ug/l	
75-09-2	Methylene chloride	1.0 U	5.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	0.50 U	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	0.50 U	1.0	0.50	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	0.30 U	1.0	0.30	ug/l	
79-00-5	1,1,2-Trichloroethane	0.50 U	1.0	0.50	ug/l	
127-18-4	Tetrachloroethylene	0.50 U	1.0	0.50	ug/l	
108-88-3	Toluene	0.50 U	1.0	0.50	ug/l	
79-01-6	Trichloroethylene	0.50 U	1.0	0.50	ug/l	

U = Not detected MDL - Method Detection Limit
RL = Reporting Limit
L = Indicates value exceeds calibration range

I = Result > = MDL but < RL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	PIN24-0506-N001		
Lab Sample ID:	F33318-6	**Date Sampled:**	07/18/05
Matrix:	AQ - Ground Water	**Date Received:**	07/18/05
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Quarterly Sampling, STAR Center, Largo, FL		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-69-4	Trichlorofluoromethane	0.60 U	2.0	0.60	ug/l	
75-01-4	Vinyl chloride	0.50 U	1.0	0.50	ug/l	
	m,p-Xylene	0.50 U	2.0	0.50	ug/l	
95-47-6	o-Xylene	0.50 U	1.0	0.50	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	106%		86-115%
17060-07-0	1,2-Dichloroethane-D4	113%		73-126%
2037-26-5	Toluene-D8	99%		86-112%
460-00-4	4-Bromofluorobenzene	106%		83-119%

U = Not detected MDL - Method Detection Limit
RL = Reporting Limit
L = Indicates value exceeds calibration range

I = Result > = MDL but < RL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	PIN15-0563-N001		
Lab Sample ID:	F33318-7	**Date Sampled:**	07/18/05
Matrix:	AQ - Ground Water	**Date Received:**	07/18/05
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Quarterly Sampling, STAR Center, Largo, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	J016945.D	1	07/29/05	MM	n/a	n/a	VJ706
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	0.50 U	1.0	0.50	ug/l	
75-27-4	Bromodichloromethane	0.50 U	1.0	0.50	ug/l	
75-25-2	Bromoform	0.50 U	1.0	0.50	ug/l	
108-90-7	Chlorobenzene	0.50 U	1.0	0.50	ug/l	
75-00-3	Chloroethane	1.0 U	2.0	1.0	ug/l	
67-66-3	Chloroform	0.50 U	1.0	0.50	ug/l	
110-75-8	2-Chloroethyl vinyl ether	2.5 U	5.0	2.5	ug/l	
56-23-5	Carbon tetrachloride	0.50 U	1.0	0.50	ug/l	
75-34-3	1,1-Dichloroethane	0.50 U	1.0	0.50	ug/l	
75-35-4	1,1-Dichloroethylene	0.50 U	1.0	0.50	ug/l	
107-06-2	1,2-Dichloroethane	0.50 U	1.0	0.50	ug/l	
78-87-5	1,2-Dichloropropane	0.50 U	1.0	0.50	ug/l	
124-48-1	Dibromochloromethane	0.40 U	1.0	0.40	ug/l	
75-71-8	Dichlorodifluoromethane	0.50 U	1.0	0.50	ug/l	
156-59-2	cis-1,2-Dichloroethylene	1.1	1.0	0.50	ug/l	
10061-01-5	cis-1,3-Dichloropropene	0.30 U	1.0	0.30	ug/l	
541-73-1	m-Dichlorobenzene	0.50 U	1.0	0.50	ug/l	
95-50-1	o-Dichlorobenzene	0.50 U	1.0	0.50	ug/l	
106-46-7	p-Dichlorobenzene	0.50 U	1.0	0.50	ug/l	
156-60-5	trans-1,2-Dichloroethylene	0.50 U	1.0	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	0.30 U	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	0.50 U	1.0	0.50	ug/l	
74-83-9	Methyl bromide	1.0 U	2.0	1.0	ug/l	
74-87-3	Methyl chloride	1.0 U	2.0	1.0	ug/l	
75-09-2	Methylene chloride	1.0 U	5.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	0.50 U	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	0.50 U	1.0	0.50	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	0.30 U	1.0	0.30	ug/l	
79-00-5	1,1,2-Trichloroethane	0.50 U	1.0	0.50	ug/l	
127-18-4	Tetrachloroethylene	0.50 U	1.0	0.50	ug/l	
108-88-3	Toluene	0.50 U	1.0	0.50	ug/l	
79-01-6	Trichloroethylene	0.50 U	1.0	0.50	ug/l	

U = Not detected MDL - Method Detection Limit
RL = Reporting Limit
L = Indicates value exceeds calibration range

I = Result > = MDL but < RL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	PIN15-0563-N001		
Lab Sample ID:	F33318-7	**Date Sampled:**	07/18/05
Matrix:	AQ - Ground Water	**Date Received:**	07/18/05
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Quarterly Sampling, STAR Center, Largo, FL		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-69-4	Trichlorofluoromethane	0.60 U	2.0	0.60	ug/l	
75-01-4	Vinyl chloride	0.50 U	1.0	0.50	ug/l	
	m,p-Xylene	0.50 U	2.0	0.50	ug/l	
95-47-6	o-Xylene	0.50 U	1.0	0.50	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	107%		86-115%
17060-07-0	1,2-Dichloroethane-D4	113%		73-126%
2037-26-5	Toluene-D8	97%		86-112%
460-00-4	4-Bromofluorobenzene	106%		83-119%

U = Not detected MDL - Method Detection Limit
RL = Reporting Limit
L = Indicates value exceeds calibration range

I = Result > = MDL but < RL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	PIN15-0563-N001		
Lab Sample ID:	F33318-7	**Date Sampled:**	07/18/05
Matrix:	AQ - Ground Water	**Date Received:**	07/18/05
Method:	FLORIDA-PRO SW846 3510C	**Percent Solids:**	n/a
Project:	Quarterly Sampling, STAR Center, Largo, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	IJ24895.D	1	07/21/05	SD	07/20/05	OP13886	GIJ1188
Run #2							

	Initial Volume	Final Volume
Run #1	1030 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C8-C40)	0.532	0.24	0.17	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	87%		50-125%

U = Not detected MDL - Method Detection Limit
RL = Reporting Limit
L = Indicates value exceeds calibration range

I = Result > = MDL but < RL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	PIN15-0562-N001		
Lab Sample ID:	F33318-8	**Date Sampled:**	07/18/05
Matrix:	AQ - Ground Water	**Date Received:**	07/18/05
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Quarterly Sampling, STAR Center, Largo, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	J016946.D	1	07/29/05	MM	n/a	n/a	VJ706
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	0.50 U	1.0	0.50	ug/l	
75-27-4	Bromodichloromethane	0.50 U	1.0	0.50	ug/l	
75-25-2	Bromoform	0.50 U	1.0	0.50	ug/l	
108-90-7	Chlorobenzene	0.50 U	1.0	0.50	ug/l	
75-00-3	Chloroethane	1.0 U	2.0	1.0	ug/l	
67-66-3	Chloroform	0.50 U	1.0	0.50	ug/l	
110-75-8	2-Chloroethyl vinyl ether	2.5 U	5.0	2.5	ug/l	
56-23-5	Carbon tetrachloride	0.50 U	1.0	0.50	ug/l	
75-34-3	1,1-Dichloroethane	0.50 U	1.0	0.50	ug/l	
75-35-4	1,1-Dichloroethylene	0.50 U	1.0	0.50	ug/l	
107-06-2	1,2-Dichloroethane	0.50 U	1.0	0.50	ug/l	
78-87-5	1,2-Dichloropropane	0.50 U	1.0	0.50	ug/l	
124-48-1	Dibromochloromethane	0.40 U	1.0	0.40	ug/l	
75-71-8	Dichlorodifluoromethane	0.50 U	1.0	0.50	ug/l	
156-59-2	cis-1,2-Dichloroethylene	0.50 U	1.0	0.50	ug/l	
10061-01-5	cis-1,3-Dichloropropene	0.30 U	1.0	0.30	ug/l	
541-73-1	m-Dichlorobenzene	0.50 U	1.0	0.50	ug/l	
95-50-1	o-Dichlorobenzene	0.50 U	1.0	0.50	ug/l	
106-46-7	p-Dichlorobenzene	0.50 U	1.0	0.50	ug/l	
156-60-5	trans-1,2-Dichloroethylene	0.50 U	1.0	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	0.30 U	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	0.50 U	1.0	0.50	ug/l	
74-83-9	Methyl bromide	1.0 U	2.0	1.0	ug/l	
74-87-3	Methyl chloride	1.0 U	2.0	1.0	ug/l	
75-09-2	Methylene chloride	1.1	5.0	1.0	ug/l	I
1634-04-4	Methyl Tert Butyl Ether	0.50 U	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	0.50 U	1.0	0.50	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	0.30 U	1.0	0.30	ug/l	
79-00-5	1,1,2-Trichloroethane	0.50 U	1.0	0.50	ug/l	
127-18-4	Tetrachloroethylene	0.50 U	1.0	0.50	ug/l	
108-88-3	Toluene	0.50 U	1.0	0.50	ug/l	
79-01-6	Trichloroethylene	0.50 U	1.0	0.50	ug/l	

U = Not detected MDL - Method Detection Limit
RL = Reporting Limit
L = Indicates value exceeds calibration range

I = Result > = MDL but < RL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	PIN15-0562-N001		
Lab Sample ID:	F33318-8	**Date Sampled:**	07/18/05
Matrix:	AQ - Ground Water	**Date Received:**	07/18/05
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Quarterly Sampling, STAR Center, Largo, FL		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-69-4	Trichlorofluoromethane	0.60 U	2.0	0.60	ug/l	
75-01-4	Vinyl chloride	0.50 U	1.0	0.50	ug/l	
	m,p-Xylene	0.50 U	2.0	0.50	ug/l	
95-47-6	o-Xylene	0.50 U	1.0	0.50	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	108%		86-115%
17060-07-0	1,2-Dichloroethane-D4	115%		73-126%
2037-26-5	Toluene-D8	99%		86-112%
460-00-4	4-Bromofluorobenzene	107%		83-119%

U = Not detected MDL - Method Detection Limit I = Result > = MDL but < RL J = Estimated value
RL = Reporting Limit V = Indicates analyte found in associated method blank
L = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	PIN15-0562-N001		
Lab Sample ID:	F33318-8	**Date Sampled:**	07/18/05
Matrix:	AQ - Ground Water	**Date Received:**	07/18/05
Method:	FLORIDA-PRO SW846 3510C	**Percent Solids:**	n/a
Project:	Quarterly Sampling, STAR Center, Largo, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	IJ24897.D	1	07/21/05	SD	07/20/05	OP13886	GIJ1188
Run #2							

	Initial Volume	Final Volume
Run #1	1030 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C8-C40)	0.180	0.24	0.17	mg/l	I

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	73%		50-125%

U = Not detected MDL - Method Detection Limit
RL = Reporting Limit
L = Indicates value exceeds calibration range

I = Result > = MDL but < RL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	PIN15-0565-N001		
Lab Sample ID:	F33318-9	**Date Sampled:**	07/18/05
Matrix:	AQ - Ground Water	**Date Received:**	07/18/05
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Quarterly Sampling, STAR Center, Largo, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	J016947.D	1	07/29/05	MM	n/a	n/a	VJ706
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	0.50 U	1.0	0.50	ug/l	
75-27-4	Bromodichloromethane	0.50 U	1.0	0.50	ug/l	
75-25-2	Bromoform	0.50 U	1.0	0.50	ug/l	
108-90-7	Chlorobenzene	0.50 U	1.0	0.50	ug/l	
75-00-3	Chloroethane	1.0 U	2.0	1.0	ug/l	
67-66-3	Chloroform	0.50 U	1.0	0.50	ug/l	
110-75-8	2-Chloroethyl vinyl ether	2.5 U	5.0	2.5	ug/l	
56-23-5	Carbon tetrachloride	0.50 U	1.0	0.50	ug/l	
75-34-3	1,1-Dichloroethane	0.50 U	1.0	0.50	ug/l	
75-35-4	1,1-Dichloroethylene	0.50 U	1.0	0.50	ug/l	
107-06-2	1,2-Dichloroethane	0.50 U	1.0	0.50	ug/l	
78-87-5	1,2-Dichloropropane	0.50 U	1.0	0.50	ug/l	
124-48-1	Dibromochloromethane	0.40 U	1.0	0.40	ug/l	
75-71-8	Dichlorodifluoromethane	0.50 U	1.0	0.50	ug/l	
156-59-2	cis-1,2-Dichloroethylene	0.50 U	1.0	0.50	ug/l	
10061-01-5	cis-1,3-Dichloropropene	0.30 U	1.0	0.30	ug/l	
541-73-1	m-Dichlorobenzene	0.50 U	1.0	0.50	ug/l	
95-50-1	o-Dichlorobenzene	0.50 U	1.0	0.50	ug/l	
106-46-7	p-Dichlorobenzene	0.50 U	1.0	0.50	ug/l	
156-60-5	trans-1,2-Dichloroethylene	0.50 U	1.0	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	0.30 U	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	0.50 U	1.0	0.50	ug/l	
74-83-9	Methyl bromide	1.0 U	2.0	1.0	ug/l	
74-87-3	Methyl chloride	1.0 U	2.0	1.0	ug/l	
75-09-2	Methylene chloride	1.0 U	5.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	0.50 U	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	0.50 U	1.0	0.50	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	0.30 U	1.0	0.30	ug/l	
79-00-5	1,1,2-Trichloroethane	0.50 U	1.0	0.50	ug/l	
127-18-4	Tetrachloroethylene	0.50 U	1.0	0.50	ug/l	
108-88-3	Toluene	0.50 U	1.0	0.50	ug/l	
79-01-6	Trichloroethylene	0.50 U	1.0	0.50	ug/l	

U = Not detected MDL - Method Detection Limit
RL = Reporting Limit
L = Indicates value exceeds calibration range

I = Result > = MDL but < RL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	PIN15-0565-N001		
Lab Sample ID:	F33318-9	**Date Sampled:**	07/18/05
Matrix:	AQ - Ground Water	**Date Received:**	07/18/05
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Quarterly Sampling, STAR Center, Largo, FL		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-69-4	Trichlorofluoromethane	0.60 U	2.0	0.60	ug/l	
75-01-4	Vinyl chloride	0.50 U	1.0	0.50	ug/l	
	m,p-Xylene	0.50 U	2.0	0.50	ug/l	
95-47-6	o-Xylene	0.50 U	1.0	0.50	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	109%		86-115%
17060-07-0	1,2-Dichloroethane-D4	117%		73-126%
2037-26-5	Toluene-D8	98%		86-112%
460-00-4	4-Bromofluorobenzene	110%		83-119%

U = Not detected MDL - Method Detection Limit
RL = Reporting Limit
L = Indicates value exceeds calibration range

I = Result > = MDL but < RL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	PIN15-0565-N001		
Lab Sample ID:	F33318-9	**Date Sampled:**	07/18/05
Matrix:	AQ - Ground Water	**Date Received:**	07/18/05
Method:	FLORIDA-PRO SW846 3510C	**Percent Solids:**	n/a
Project:	Quarterly Sampling, STAR Center, Largo, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	OP52036.D	1	07/22/05	NJ	07/20/05	OP13886	GOP1495
Run #2							

	Initial Volume	Final Volume
Run #1	980 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C8-C40)	0.229	0.26	0.17	mg/l	I

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	95%		50-125%

U = Not detected MDL - Method Detection Limit
RL = Reporting Limit
L = Indicates value exceeds calibration range

I = Result > = MDL but < RL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	PIN15-0564-N001		
Lab Sample ID:	F33318-10	**Date Sampled:**	07/18/05
Matrix:	AQ - Ground Water	**Date Received:**	07/18/05
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Quarterly Sampling, STAR Center, Largo, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	J016948.D	1	07/29/05	MM	n/a	n/a	VJ706
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	0.50 U	1.0	0.50	ug/l	
75-27-4	Bromodichloromethane	0.50 U	1.0	0.50	ug/l	
75-25-2	Bromoform	0.50 U	1.0	0.50	ug/l	
108-90-7	Chlorobenzene	0.50 U	1.0	0.50	ug/l	
75-00-3	Chloroethane	1.0 U	2.0	1.0	ug/l	
67-66-3	Chloroform	0.50 U	1.0	0.50	ug/l	
110-75-8	2-Chloroethyl vinyl ether	2.5 U	5.0	2.5	ug/l	
56-23-5	Carbon tetrachloride	0.50 U	1.0	0.50	ug/l	
75-34-3	1,1-Dichloroethane	0.50 U	1.0	0.50	ug/l	
75-35-4	1,1-Dichloroethylene	0.50 U	1.0	0.50	ug/l	
107-06-2	1,2-Dichloroethane	0.50 U	1.0	0.50	ug/l	
78-87-5	1,2-Dichloropropane	0.50 U	1.0	0.50	ug/l	
124-48-1	Dibromochloromethane	0.40 U	1.0	0.40	ug/l	
75-71-8	Dichlorodifluoromethane	0.50 U	1.0	0.50	ug/l	
156-59-2	cis-1,2-Dichloroethylene	0.50 U	1.0	0.50	ug/l	
10061-01-5	cis-1,3-Dichloropropene	0.30 U	1.0	0.30	ug/l	
541-73-1	m-Dichlorobenzene	0.50 U	1.0	0.50	ug/l	
95-50-1	o-Dichlorobenzene	0.50 U	1.0	0.50	ug/l	
106-46-7	p-Dichlorobenzene	0.50 U	1.0	0.50	ug/l	
156-60-5	trans-1,2-Dichloroethylene	0.50 U	1.0	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	0.30 U	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	0.50 U	1.0	0.50	ug/l	
74-83-9	Methyl bromide	1.0 U	2.0	1.0	ug/l	
74-87-3	Methyl chloride	1.0 U	2.0	1.0	ug/l	
75-09-2	Methylene chloride	1.0 U	5.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	0.50 U	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	0.50 U	1.0	0.50	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	0.30 U	1.0	0.30	ug/l	
79-00-5	1,1,2-Trichloroethane	0.50 U	1.0	0.50	ug/l	
127-18-4	Tetrachloroethylene	0.50 U	1.0	0.50	ug/l	
108-88-3	Toluene	0.50 U	1.0	0.50	ug/l	
79-01-6	Trichloroethylene	0.50 U	1.0	0.50	ug/l	

U = Not detected MDL - Method Detection Limit
RL = Reporting Limit
L = Indicates value exceeds calibration range

I = Result > = MDL but < RL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	PIN15-0564-N001		
Lab Sample ID:	F33318-10	**Date Sampled:**	07/18/05
Matrix:	AQ - Ground Water	**Date Received:**	07/18/05
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Quarterly Sampling, STAR Center, Largo, FL		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-69-4	Trichlorofluoromethane	0.60 U	2.0	0.60	ug/l	
75-01-4	Vinyl chloride	0.50 U	1.0	0.50	ug/l	
	m,p-Xylene	0.50 U	2.0	0.50	ug/l	
95-47-6	o-Xylene	0.50 U	1.0	0.50	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	109%		86-115%
17060-07-0	1,2-Dichloroethane-D4	116%		73-126%
2037-26-5	Toluene-D8	98%		86-112%
460-00-4	4-Bromofluorobenzene	107%		83-119%

U = Not detected MDL - Method Detection Limit
RL = Reporting Limit
L = Indicates value exceeds calibration range

I = Result > = MDL but < RL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	PIN15-0564-N001		
Lab Sample ID:	F33318-10	**Date Sampled:**	07/18/05
Matrix:	AQ - Ground Water	**Date Received:**	07/18/05
Method:	FLORIDA-PRO SW846 3510C	**Percent Solids:**	n/a
Project:	Quarterly Sampling, STAR Center, Largo, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	IJ24899.D	1	07/22/05	SD	07/20/05	OP13886	GIJ1188
Run #2							

	Initial Volume	Final Volume
Run #1	980 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C8-C40)	0.270	0.26	0.17	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	72%		50-125%

U = Not detected MDL - Method Detection Limit
RL = Reporting Limit
L = Indicates value exceeds calibration range

I = Result > = MDL but < RL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	PIN24-0500-N001		
Lab Sample ID:	F33318-11	**Date Sampled:**	07/18/05
Matrix:	AQ - Ground Water	**Date Received:**	07/18/05
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Quarterly Sampling, STAR Center, Largo, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	J016949.D	1	07/29/05	MM	n/a	n/a	VJ706
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	0.50 U	1.0	0.50	ug/l	
75-27-4	Bromodichloromethane	0.50 U	1.0	0.50	ug/l	
75-25-2	Bromoform	0.50 U	1.0	0.50	ug/l	
108-90-7	Chlorobenzene	0.50 U	1.0	0.50	ug/l	
75-00-3	Chloroethane	1.0 U	2.0	1.0	ug/l	
67-66-3	Chloroform	0.50 U	1.0	0.50	ug/l	
110-75-8	2-Chloroethyl vinyl ether	2.5 U	5.0	2.5	ug/l	
56-23-5	Carbon tetrachloride	0.50 U	1.0	0.50	ug/l	
75-34-3	1,1-Dichloroethane	0.50 U	1.0	0.50	ug/l	
75-35-4	1,1-Dichloroethylene	0.50 U	1.0	0.50	ug/l	
107-06-2	1,2-Dichloroethane	0.50 U	1.0	0.50	ug/l	
78-87-5	1,2-Dichloropropane	0.50 U	1.0	0.50	ug/l	
124-48-1	Dibromochloromethane	0.40 U	1.0	0.40	ug/l	
75-71-8	Dichlorodifluoromethane	0.50 U	1.0	0.50	ug/l	
156-59-2	cis-1,2-Dichloroethylene	5.8	1.0	0.50	ug/l	
10061-01-5	cis-1,3-Dichloropropene	0.30 U	1.0	0.30	ug/l	
541-73-1	m-Dichlorobenzene	0.50 U	1.0	0.50	ug/l	
95-50-1	o-Dichlorobenzene	0.50 U	1.0	0.50	ug/l	
106-46-7	p-Dichlorobenzene	0.50 U	1.0	0.50	ug/l	
156-60-5	trans-1,2-Dichloroethylene	1.6	1.0	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	0.30 U	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	0.50 U	1.0	0.50	ug/l	
74-83-9	Methyl bromide	1.0 U	2.0	1.0	ug/l	
74-87-3	Methyl chloride	1.0 U	2.0	1.0	ug/l	
75-09-2	Methylene chloride	1.0 U	5.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	0.50 U	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	0.50 U	1.0	0.50	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	0.30 U	1.0	0.30	ug/l	
79-00-5	1,1,2-Trichloroethane	0.50 U	1.0	0.50	ug/l	
127-18-4	Tetrachloroethylene	0.50 U	1.0	0.50	ug/l	
108-88-3	Toluene	0.50 U	1.0	0.50	ug/l	
79-01-6	Trichloroethylene	0.50 U	1.0	0.50	ug/l	

U = Not detected MDL - Method Detection Limit
RL = Reporting Limit
L = Indicates value exceeds calibration range

I = Result > = MDL but < RL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	PIN24-0500-N001		
Lab Sample ID:	F33318-11	**Date Sampled:**	07/18/05
Matrix:	AQ - Ground Water	**Date Received:**	07/18/05
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Quarterly Sampling, STAR Center, Largo, FL		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-69-4	Trichlorofluoromethane	0.60 U	2.0	0.60	ug/l	
75-01-4	Vinyl chloride	3.2	1.0	0.50	ug/l	
	m,p-Xylene	0.50 U	2.0	0.50	ug/l	
95-47-6	o-Xylene	0.50 U	1.0	0.50	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	111%		86-115%
17060-07-0	1,2-Dichloroethane-D4	118%		73-126%
2037-26-5	Toluene-D8	99%		86-112%
460-00-4	4-Bromofluorobenzene	108%		83-119%

U = Not detected MDL - Method Detection Limit
RL = Reporting Limit
L = Indicates value exceeds calibration range

I = Result > = MDL but < RL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	PIN24-0500-N001		
Lab Sample ID:	F33318-11	**Date Sampled:**	07/18/05
Matrix:	AQ - Ground Water	**Date Received:**	07/18/05
Method:	FLORIDA-PRO SW846 3510C	**Percent Solids:**	n/a
Project:	Quarterly Sampling, STAR Center, Largo, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	IJ24900.D	1	07/22/05	SD	07/20/05	OP13886	GIJ1188
Run #2							

	Initial Volume	Final Volume
Run #1	1020 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C8-C40)	0.502	0.25	0.17	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	68%		50-125%

U = Not detected MDL - Method Detection Limit
RL = Reporting Limit
L = Indicates value exceeds calibration range

I = Result > = MDL but < RL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	PIN24-0500-N001		
Lab Sample ID:	F33318-11	**Date Sampled:**	07/18/05
Matrix:	AQ - Ground Water	**Date Received:**	07/18/05
		Percent Solids:	n/a
Project:	Quarterly Sampling, STAR Center, Largo, FL		

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed By	Method	Prep Method
Arsenic	17.4	10	2.9	ug/l	1	07/20/05	07/21/05 JM	SW846 6010B [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA4453
(2) Prep QC Batch: MP8308

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
I = Indicates a result > = MDL but < RL

Report of Analysis

Client Sample ID:	PIN15-0567-N001		
Lab Sample ID:	F33318-12	**Date Sampled:**	07/18/05
Matrix:	AQ - Ground Water	**Date Received:**	07/18/05
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Quarterly Sampling, STAR Center, Largo, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	J016950.D	1	07/29/05	MM	n/a	n/a	VJ706
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	0.50 U	1.0	0.50	ug/l	
75-27-4	Bromodichloromethane	0.50 U	1.0	0.50	ug/l	
75-25-2	Bromoform	0.50 U	1.0	0.50	ug/l	
108-90-7	Chlorobenzene	0.50 U	1.0	0.50	ug/l	
75-00-3	Chloroethane	1.0 U	2.0	1.0	ug/l	
67-66-3	Chloroform	0.50 U	1.0	0.50	ug/l	
110-75-8	2-Chloroethyl vinyl ether	2.5 U	5.0	2.5	ug/l	
56-23-5	Carbon tetrachloride	0.50 U	1.0	0.50	ug/l	
75-34-3	1,1-Dichloroethane	0.50 U	1.0	0.50	ug/l	
75-35-4	1,1-Dichloroethylene	0.50 U	1.0	0.50	ug/l	
107-06-2	1,2-Dichloroethane	0.50 U	1.0	0.50	ug/l	
78-87-5	1,2-Dichloropropane	0.50 U	1.0	0.50	ug/l	
124-48-1	Dibromochloromethane	0.40 U	1.0	0.40	ug/l	
75-71-8	Dichlorodifluoromethane	0.50 U	1.0	0.50	ug/l	
156-59-2	cis-1,2-Dichloroethylene	5.7	1.0	0.50	ug/l	
10061-01-5	cis-1,3-Dichloropropene	0.30 U	1.0	0.30	ug/l	
541-73-1	m-Dichlorobenzene	0.50 U	1.0	0.50	ug/l	
95-50-1	o-Dichlorobenzene	0.50 U	1.0	0.50	ug/l	
106-46-7	p-Dichlorobenzene	0.50 U	1.0	0.50	ug/l	
156-60-5	trans-1,2-Dichloroethylene	1.5	1.0	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	0.30 U	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	0.50 U	1.0	0.50	ug/l	
74-83-9	Methyl bromide	1.0 U	2.0	1.0	ug/l	
74-87-3	Methyl chloride	1.0 U	2.0	1.0	ug/l	
75-09-2	Methylene chloride	1.0 U	5.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	0.50 U	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	0.50 U	1.0	0.50	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	0.30 U	1.0	0.30	ug/l	
79-00-5	1,1,2-Trichloroethane	0.50 U	1.0	0.50	ug/l	
127-18-4	Tetrachloroethylene	0.50 U	1.0	0.50	ug/l	
108-88-3	Toluene	0.50 U	1.0	0.50	ug/l	
79-01-6	Trichloroethylene	0.50 U	1.0	0.50	ug/l	

U = Not detected MDL - Method Detection Limit
RL = Reporting Limit
L = Indicates value exceeds calibration range

I = Result > = MDL but < RL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	PIN15-0567-N001		
Lab Sample ID:	F33318-12	**Date Sampled:**	07/18/05
Matrix:	AQ - Ground Water	**Date Received:**	07/18/05
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Quarterly Sampling, STAR Center, Largo, FL		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-69-4	Trichlorofluoromethane	0.60 U	2.0	0.60	ug/l	
75-01-4	Vinyl chloride	3.0	1.0	0.50	ug/l	
	m,p-Xylene	0.50 U	2.0	0.50	ug/l	
95-47-6	o-Xylene	0.50 U	1.0	0.50	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	110%		86-115%
17060-07-0	1,2-Dichloroethane-D4	117%		73-126%
2037-26-5	Toluene-D8	98%		86-112%
460-00-4	4-Bromofluorobenzene	107%		83-119%

U = Not detected MDL - Method Detection Limit
RL = Reporting Limit
L = Indicates value exceeds calibration range

I = Result > = MDL but < RL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	PIN15-0567-N001		
Lab Sample ID:	F33318-12	**Date Sampled:**	07/18/05
Matrix:	AQ - Ground Water	**Date Received:**	07/18/05
Method:	FLORIDA-PRO SW846 3510C	**Percent Solids:**	n/a
Project:	Quarterly Sampling, STAR Center, Largo, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	IJ24903.D	1	07/22/05	SD	07/20/05	OP13886	GIJ1188
Run #2							

	Initial Volume	Final Volume
Run #1	1040 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C8-C40)	0.598	0.24	0.16	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	66%		50-125%

U = Not detected MDL - Method Detection Limit
RL = Reporting Limit
L = Indicates value exceeds calibration range

I = Result > = MDL but < RL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	PIN15-0567-N001		
Lab Sample ID:	F33318-12	**Date Sampled:**	07/18/05
Matrix:	AQ - Ground Water	**Date Received:**	07/18/05
		Percent Solids:	n/a
Project:	Quarterly Sampling, STAR Center, Largo, FL		

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	27.7	10	2.9	ug/l	1	07/20/05	07/21/05	JM	SW846 6010B [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA4453
(2) Prep QC Batch: MP8308

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
I = Indicates a result > = MDL but < RL

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

CHAIN OF CUSTODY and SAMPLE SUBMITTAL FORM

Young-Rainey Star Center 4.5 Acre Quarterly Sampling

S.M. Stoller, 7887 Bryan Dairy Rd. Suite 260, Largo, FL 33777, tel. 727-541-8103, fax 727-549-1121

ACCUTEST JOB NUMBER F33318

4405 Vineland Rd. Suite C-15, Orlando, FL 32811 tel 407-425-6700 fax 407-425-0707

Sample Matrix is Groundwater, samples are preserved on ice. Temp._____ C

Sample number	Sample ID	Date	Time	Sampled by	No. Bottles	VOC 8260 preserved w/HCl	Arsenic preserved w/HNO3	Fl-Pro preserved w/HCl				Samplers Notes	Lab Use Only
1	PIN15-M14S-N001	7-15-05	1410	JPC	1		1						
2	PIN15-0530-N001	↓	1432	JPC	1		1						
3	PIN24-0501-N001		—	JPC	1		1						
4	PIN15-M32S-N001		1501	JPC	1		1						
5	PIN15-M03S-N001	↓	1535	JPC	1		1						
6	PIN24-0506-N001	7-18-05	0740	JPC	3	3							
7	PIN15-0563-N001	↓	0804	JPC	5	3		2					
8	PIN15-0562-N001		0835	JPC	5	3		2					
9	PIN15-0565-N001		0922	JPC	5	3		2					
10	PIN15-0564-N001		0946	JPC	5	3		2					
11	PIN24-0500-N001		—	JPC	6	3	1	2					
12	PIN15-0567-N001	↓	1028	JPC	6	3	1	2					

This is a preprinted list. Samples not included in this shipment are lined out

Relinquished by Sampler	Date	Time	Received by Courier	Date	Time
[signature]	7-18-05	1200	[signature]	7/18/05	12:35
Relinquished by Courier	**Date**	**Time**	**Received by Laboratory**	**Date**	**Time**
[signature]			[signature]	7/18/05	1600

Data Turnaround	
std	
48 hr	
24 hr	

4.1

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F33318: Chain of Custody

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ACCUTEST Laboratories F33318

ACCUTEST LABORATORIES SAMPLE RECEIPT CONFIRMATION

ACCUTEST'S JOB NUMBER: F33318 CLIENT: SM Stoller PROJECT: Young Rainey Stare

DATE/TIME RECEIVED: 7/18/05 16:00 # OF COOLERS RECEIVED: 3 COOLER TEMPS: 2.6 2.8 2.8

METHOD OF DELIVERY: FEDEX UPS (ACCUTEST COURIER) GREYHOUND DELIVERY OTHER

AIRBILL NUMBERS:

COOLER INFORMATION

- [ ] CUSTODY SEAL NOT PRESENT OR NOT INTACT
- [ ] NO COC RECEIVED
- [ ] ANALYSIS REQUESTED IS UNCLEAR OR MISSING
- [ ] SAMPLE DATES OR TIMES UNCLEAR OR MISSING
- [ ] TEMPERATURE CRITERIA NOT MET

TRIP BLANK INFORMATION

- [x] TRIP BLANK NOT PROVIDED
- [ ] TRIP BLANK NOT ON COC
- [ ] TRIP BLANK INTACT
- [ ] TRIP BLANK NOT INTACT
- [ ] RECEIVED WATER TRIP BLANK
- [ ] RECEIVED SOIL TRIP BLANK

SAMPLE INFORMATION

- [ ] SAMPLE LABELS PRESENT ON ALL BOTTLES
- [ ] CORRECT NUMBER OF CONTAINERS USED
- [ ] SAMPLE RECEIVED IMPROPERLY PRESERVED
- [ ] INSUFFICIENT VOLUME FOR ANALYSIS
- [ ] TIMES ON COC DON'T MATCH LABEL
- [ ] ID'S ON COC DON'T MATCH LABEL
- [ ] VOC VIALS HAVE HEADSPACE (MACRO BUBBLES)
- [ ] BOTTLES RECEIVED BUT ANALYSIS NOT REQUESTED
- [ ] NO BOTTLES RECEIVED FOR ANALYSIS REQUESTED
- [ ] UNCLEAR FILTERING INSTRUCTIONS
- [ ] UNCLEAR COMPOSITING INSTRUCTIONS
- [ ] SAMPLE(S) RECEIVED BROKEN
- [ ] % SOLIDS JAR NOT RECEIVED

SOIL INFORMATION

NUMBER OF ENCORES ? Ø

NUMBER OF 5035 FIELD KITS ? Ø

SUMMARY OF COMMENTS: For sample 10 + 12 vials labeled as TOC and on the C.O.C there asking for 8260

TECHNICIAN SIGNATURE/DATE GP 7/18/05 TECHNICIAN SIGNATURE/DATE Steven Brown 7-18-05

ASBD06/22/05

4.1

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F33318: Chain of Custody
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ACCUTEST Laboratories F33318

GC/MS Volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries

Method Blank Summary

Job Number: F33318
Account: STOLCOGJ S M Stoller
Project: Quarterly Sampling, STAR Center, Largo, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VJ706-MB	J016931.D	1	07/29/05	MM	n/a	n/a	VJ706

The QC reported here applies to the following samples: **Method:** SW846 8260B

F33318-6, F33318-7, F33318-8, F33318-9, F33318-10, F33318-11, F33318-12

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.50	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.50	ug/l	
75-25-2	Bromoform	ND	1.0	0.50	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.50	ug/l	
75-00-3	Chloroethane	ND	2.0	1.0	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
110-75-8	2-Chloroethyl vinyl ether	ND	5.0	2.5	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.50	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.50	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.50	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.50	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.50	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.40	ug/l	
75-71-8	Dichlorodifluoromethane	ND	1.0	0.50	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	1.0	0.50	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.30	ug/l	
541-73-1	m-Dichlorobenzene	ND	1.0	0.50	ug/l	
95-50-1	o-Dichlorobenzene	ND	1.0	0.50	ug/l	
106-46-7	p-Dichlorobenzene	ND	1.0	0.50	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.50	ug/l	
74-83-9	Methyl bromide	ND	2.0	1.0	ug/l	
74-87-3	Methyl chloride	ND	2.0	1.0	ug/l	
75-09-2	Methylene chloride	ND	5.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.50	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.30	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.50	ug/l	
127-18-4	Tetrachloroethylene	ND	1.0	0.50	ug/l	
108-88-3	Toluene	ND	1.0	0.50	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.50	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.60	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.50	ug/l	
	m,p-Xylene	ND	2.0	0.50	ug/l	
95-47-6	o-Xylene	ND	1.0	0.50	ug/l	

Method Blank Summary

Job Number: F33318
Account: STOLCOGJ S M Stoller
Project: Quarterly Sampling, STAR Center, Largo, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VJ706-MB	J016931.D	1	07/29/05	MM	n/a	n/a	VJ706

The QC reported here applies to the following samples: **Method:** SW846 8260B

F33318-6, F33318-7, F33318-8, F33318-9, F33318-10, F33318-11, F33318-12

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	105%	86-115%
17060-07-0	1,2-Dichloroethane-D4	106%	73-126%
2037-26-5	Toluene-D8	97%	86-112%
460-00-4	4-Bromofluorobenzene	103%	83-119%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Volatile		0	ug/l	

Blank Spike Summary

Job Number: F33318
Account: STOLCOGJ S M Stoller
Project: Quarterly Sampling, STAR Center, Largo, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VJ706-BS	J016930.D	1	07/29/05	MM	n/a	n/a	VJ706

The QC reported here applies to the following samples: **Method:** SW846 8260B

F33318-6, F33318-7, F33318-8, F33318-9, F33318-10, F33318-11, F33318-12

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
71-43-2	Benzene	25	25.1	100	80-120
75-27-4	Bromodichloromethane	25	25.6	102	75-120
75-25-2	Bromoform	25	21.6	86	60-129
108-90-7	Chlorobenzene	25	24.6	98	82-112
75-00-3	Chloroethane	25	32.4	130	67-148
67-66-3	Chloroform	25	26.0	104	78-118
110-75-8	2-Chloroethyl vinyl ether	125	147	118	23-132
56-23-5	Carbon tetrachloride	25	27.5	110	69-137
75-34-3	1,1-Dichloroethane	25	25.9	104	75-117
75-35-4	1,1-Dichloroethylene	25	25.4	102	67-134
107-06-2	1,2-Dichloroethane	25	25.4	102	68-121
78-87-5	1,2-Dichloropropane	25	25.1	100	78-122
124-48-1	Dibromochloromethane	25	23.1	92	68-118
75-71-8	Dichlorodifluoromethane	25	38.7	155	43-173
156-59-2	cis-1,2-Dichloroethylene	25	24.5	98	81-120
10061-01-5	cis-1,3-Dichloropropene	25	24.7	99	73-115
541-73-1	m-Dichlorobenzene	25	24.0	96	78-116
95-50-1	o-Dichlorobenzene	25	23.6	94	77-115
106-46-7	p-Dichlorobenzene	25	23.9	96	77-113
156-60-5	trans-1,2-Dichloroethylene	25	25.4	102	74-125
10061-02-6	trans-1,3-Dichloropropene	25	25.9	104	69-115
100-41-4	Ethylbenzene	25	24.3	97	82-115
74-83-9	Methyl bromide	25	32.0	128	60-165
74-87-3	Methyl chloride	25	31.0	124	58-152
75-09-2	Methylene chloride	25	24.8	99	66-125
1634-04-4	Methyl Tert Butyl Ether	25	25.4	102	67-127
71-55-6	1,1,1-Trichloroethane	25	27.8	111	78-132
79-34-5	1,1,2,2-Tetrachloroethane	25	22.9	92	67-119
79-00-5	1,1,2-Trichloroethane	25	22.7	91	74-115
127-18-4	Tetrachloroethylene	25	25.0	100	75-126
108-88-3	Toluene	25	24.7	99	81-114
79-01-6	Trichloroethylene	25	25.6	102	80-115
75-69-4	Trichlorofluoromethane	25	32.7	131	65-163
75-01-4	Vinyl chloride	25	32.2	129	70-151
	m,p-Xylene	50	49.9	100	83-118
95-47-6	o-Xylene	25	24.8	99	77-119

Blank Spike Summary

Job Number: F33318
Account: STOLCOGJ S M Stoller
Project: Quarterly Sampling, STAR Center, Largo, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VJ706-BS	J016930.D	1	07/29/05	MM	n/a	n/a	VJ706

The QC reported here applies to the following samples: **Method:** SW846 8260B

F33318-6, F33318-7, F33318-8, F33318-9, F33318-10, F33318-11, F33318-12

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	104%	86-115%
17060-07-0	1,2-Dichloroethane-D4	108%	73-126%
2037-26-5	Toluene-D8	98%	86-112%
460-00-4	4-Bromofluorobenzene	102%	83-119%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F33318
Account: STOLCOGJ S M Stoller
Project: Quarterly Sampling, STAR Center, Largo, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
F33447-3MS	J016938.D	1	07/29/05	MM	n/a	n/a	VJ706
F33447-3MSD	J016940.D	1	07/29/05	MM	n/a	n/a	VJ706
F33447-3	J016935.D	1	07/29/05	MM	n/a	n/a	VJ706

The QC reported here applies to the following samples: **Method:** SW846 8260B

F33318-6, F33318-7, F33318-8, F33318-9, F33318-10, F33318-11, F33318-12

CAS No.	Compound	F33447-3 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	ND		25	24.5	98	23.4	94	5	72-125/7
75-27-4	Bromodichloromethane	1.2		25	27.2	104	26.9	103	1	72-120/8
75-25-2	Bromoform	ND		25	21.3	85	21.3	85	0	55-127/11
108-90-7	Chlorobenzene	ND		25	24.3	97	23.0	92	5	79-113/7
75-00-3	Chloroethane	ND		25	34.2	137	32.9	132	4	56-164/14
67-66-3	Chloroform	12.6		25	39.5	108	38.3	103	3	75-120/8
110-75-8	2-Chloroethyl vinyl ether	ND		125	ND	0*	ND	0*	nc	8-137/18
56-23-5	Carbon tetrachloride	ND		25	28.3	113	25.8	103	9	56-145/12
75-34-3	1,1-Dichloroethane	ND		25	25.7	103	24.9	100	3	70-122/10
75-35-4	1,1-Dichloroethylene	ND		25	25.5	102	24.4	98	4	61-137/15
107-06-2	1,2-Dichloroethane	ND		25	26.8	107	26.8	107	0	64-124/7
78-87-5	1,2-Dichloropropane	ND		25	24.2	97	23.7	95	2	74-123/8
124-48-1	Dibromochloromethane	ND		25	23.2	93	22.9	92	1	63-119/9
75-71-8	Dichlorodifluoromethane	ND		25	38.9	156	36.4	146	7	35-184/21
156-59-2	cis-1,2-Dichloroethylene	ND		25	23.2	93	23.0	92	1	74-125/9
10061-01-5	cis-1,3-Dichloropropene	ND		25	23.0	92	22.2	89	4	65-112/10
541-73-1	m-Dichlorobenzene	ND		25	22.5	90	20.9	84	7	74-114/7
95-50-1	o-Dichlorobenzene	ND		25	23.1	92	21.5	86	7	73-114/8
106-46-7	p-Dichlorobenzene	ND		25	23.0	92	21.5	86	7	74-112/7
156-60-5	trans-1,2-Dichloroethylene	ND		25	24.9	100	23.9	96	4	70-127/11
10061-02-6	trans-1,3-Dichloropropene	ND		25	25.2	101	25.4	102	1	59-116/11
100-41-4	Ethylbenzene	ND		25	23.5	94	21.8	87	8	73-119/8
74-83-9	Methyl bromide	ND		25	34.8	139	33.2	133	5	52-172/16
74-87-3	Methyl chloride	ND		25	29.8	119	28.9	116	3	53-155/19
75-09-2	Methylene chloride	1.0	J	25	25.2	97	25.1	96	0	61-129/11
1634-04-4	Methyl Tert Butyl Ether	ND		25	25.4	102	26.0	104	2	61-129/9
71-55-6	1,1,1-Trichloroethane	ND		25	28.1	112	26.1	104	7	72-133/8
79-34-5	1,1,2,2-Tetrachloroethane	ND		25	23.9	96	24.5	98	2	64-120/10
79-00-5	1,1,2-Trichloroethane	ND		25	22.8	91	23.1	92	1	72-116/9
127-18-4	Tetrachloroethylene	ND		25	23.2	93	21.3	85	9	70-126/9
108-88-3	Toluene	ND		25	23.5	94	22.5	90	4	67-123/8
79-01-6	Trichloroethylene	ND		25	25.7	103	23.9	96	7	73-117/10
75-69-4	Trichlorofluoromethane	ND		25	35.7	143	32.5	130	9	52-164/16
75-01-4	Vinyl chloride	ND		25	33.2	133	31.3	125	6	63-161/18
	m,p-Xylene	ND		50	49.3	99	45.5	91	8*	74-123/7
95-47-6	o-Xylene	ND		25	24.2	97	22.8	91	6	68-123/7

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F33318
Account: STOLCOGJ S M Stoller
Project: Quarterly Sampling, STAR Center, Largo, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
F33447-3MS	J016938.D	1	07/29/05	MM	n/a	n/a	VJ706
F33447-3MSD	J016940.D	1	07/29/05	MM	n/a	n/a	VJ706
F33447-3	J016935.D	1	07/29/05	MM	n/a	n/a	VJ706

The QC reported here applies to the following samples: **Method:** SW846 8260B

F33318-6, F33318-7, F33318-8, F33318-9, F33318-10, F33318-11, F33318-12

CAS No.	Surrogate Recoveries	MS	MSD	F33447-3	Limits
1868-53-7	Dibromofluoromethane	108%	109%	109%	86-115%
17060-07-0	1,2-Dichloroethane-D4	116%	119%	113%	73-126%
2037-26-5	Toluene-D8	95%	95%	99%	86-112%
460-00-4	4-Bromofluorobenzene	97%	98%	106%	83-119%

GC Semi-volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries

Method Blank Summary

Job Number: F33318
Account: STOLCOGJ S M Stoller
Project: Quarterly Sampling, STAR Center, Largo, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP13886-MB	IJ24887.D	1	07/21/05	SD	07/20/05	OP13886	GIJ1188

The QC reported here applies to the following samples: **Method:** FLORIDA-PRO

F33318-7, F33318-8, F33318-9, F33318-10, F33318-11, F33318-12

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C8-C40)	ND	0.25	0.17	mg/l	

CAS No.	Surrogate Recoveries		Limits
84-15-1	o-Terphenyl	68%	50-125%

Method Blank Summary

Job Number: F33318
Account: STOLCOGJ S M Stoller
Project: Quarterly Sampling, STAR Center, Largo, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP13886-MB	OP52033.D	1	07/22/05	NJ	07/20/05	OP13886	GOP1495

The QC reported here applies to the following samples: **Method:** FLORIDA-PRO

F33318-7, F33318-8, F33318-9, F33318-10, F33318-11, F33318-12

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C8-C40)	ND	0.25	0.17	mg/l	

CAS No.	Surrogate Recoveries		Limits
84-15-1	o-Terphenyl	65%	50-125%

Blank Spike Summary

Job Number: F33318
Account: STOLCOGJ S M Stoller
Project: Quarterly Sampling, STAR Center, Largo, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP13886-BS	IJ24886.D	1	07/21/05	SD	07/20/05	OP13886	GIJ1188

The QC reported here applies to the following samples: **Method:** FLORIDA-PRO

F33318-7, F33318-8, F33318-9, F33318-10, F33318-11, F33318-12

CAS No.	Compound	Spike mg/l	BSP mg/l	BSP %	Limits
	TPH (C8-C40)	0.85	0.822	97	68-115

CAS No.	Surrogate Recoveries	BSP	Limits
84-15-1	o-Terphenyl	94%	50-125%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F33318
Account: STOLCOGJ S M Stoller
Project: Quarterly Sampling, STAR Center, Largo, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP13886-MS	IJ24901.D	1	07/22/05	SD	07/20/05	OP13886	GIJ1188
OP13886-MSD	IJ24902.D	1	07/22/05	SD	07/20/05	OP13886	GIJ1188
F33318-11	IJ24900.D	1	07/22/05	SD	07/20/05	OP13886	GIJ1188

The QC reported here applies to the following samples: **Method:** FLORIDA-PRO

F33318-7, F33318-8, F33318-9, F33318-10, F33318-11, F33318-12

CAS No.	Compound	F33318-11 mg/l	Q	Spike mg/l	MS mg/l	MS %	MSD mg/l	MSD %	RPD	Limits Rec/RPD
	TPH (C8-C40)	0.502		1.63	1.62	68	1.78	78	9	52-140/20

CAS No.	Surrogate Recoveries	MS	MSD	F33318-11	Limits
84-15-1	o-Terphenyl	69%	72%	68%	50-125%

Metals Analysis

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Matrix Spike and Duplicate Summaries
- Blank Spike and Lab Control Sample Summaries
- Serial Dilution Summaries

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: F33318
Account: STOLCOGJ - S M Stoller
Project: Quarterly Sampling, STAR Center, Largo, FL

QC Batch ID: MP8308
Matrix Type: AQUEOUS

Methods: SW846 6010B
Units: ug/l

Prep Date:				07/20/05		07/20/05
Metal	RL	IDL	MB raw	final	MB raw	final
Aluminum	200	6.6				
Antimony	5.0	1.5				
Arsenic	10	2.8	1.8	<10	1.7	<10
Barium	200	.5				
Beryllium	4.0	.3				
Cadmium	5.0	.3				
Calcium	1000	3.8	anr			
Chromium	10	.4				
Cobalt	50	.5				
Copper	25	.4				
Iron	300	7.1	anr			
Lead	5.0	1.2				
Magnesium	5000	9.9	anr			
Manganese	15	.2	anr			
Molybdenum	50	.8				
Nickel	40	1.1				
Potassium	5000	14	anr			
Selenium	10	2				
Silver	10	.6				
Sodium	5000	150	anr			
Thallium	10	1.5				
Tin	50	1.5				
Vanadium	50	.5				
Zinc	20	.6				

Associated samples MP8308: F33318-1, F33318-2, F33318-3, F33318-4, F33318-5, F33318-11, F33318-12

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: F33318
Account: STOLCOGJ - S M Stoller
Project: Quarterly Sampling, STAR Center, Largo, FL

QC Batch ID: MP8308
Matrix Type: AQUEOUS

Methods: SW846 6010B
Units: ug/l

Prep Date:			07/20/05					07/20/05	
Metal	F33336-2 Original	DUP	RPD	QC Limits	F33336-2 Original	MS	Spikelot MPFLICP	% Rec	QC Limits
Aluminum									
Antimony									
Arsenic	4.5	0.0	200.0(a)	0-12	4.5	3700	4000	92.4	83-116
Barium									
Beryllium									
Cadmium									
Calcium	anr								
Chromium									
Cobalt									
Copper									
Iron	anr								
Lead									
Magnesium	anr								
Manganese	anr								
Molybdenum									
Nickel									
Potassium	anr								
Selenium									
Silver									
Sodium	anr								
Thallium									
Tin									
Vanadium									
Zinc									

Associated samples MP8308: F33318-1, F33318-2, F33318-3, F33318-4, F33318-5, F33318-11, F33318-12

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested
(a) RPD acceptable due to low duplicate and sample concentrations.

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: F33318
Account: STOLCOGJ - S M Stoller
Project: Quarterly Sampling, STAR Center, Largo, FL

QC Batch ID: MP8308
Matrix Type: AQUEOUS

Methods: SW846 6010B
Units: ug/l

Prep Date: 07/20/05

Metal	F33336-2 Original	MSD	Spikelot MPFLICP	% Rec	MSD RPD	QC Limit
Aluminum						
Antimony						
Arsenic	4.5	3800	4000	94.9	2.7	20
Barium						
Beryllium						
Cadmium						
Calcium	anr					
Chromium						
Cobalt						
Copper						
Iron	anr					
Lead						
Magnesium	anr					
Manganese	anr					
Molybdenum						
Nickel						
Potassium	anr					
Selenium						
Silver						
Sodium	anr					
Thallium						
Tin						
Vanadium						
Zinc						

Associated samples MP8308: F33318-1, F33318-2, F33318-3, F33318-4, F33318-5, F33318-11, F33318-12

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: F33318
Account: STOLCOGJ - S M Stoller
Project: Quarterly Sampling, STAR Center, Largo, FL

QC Batch ID: MP8308
Matrix Type: AQUEOUS

Methods: SW846 6010B
Units: ug/l

Prep Date: 07/20/05

Metal	BSP Result	Spikelot MPFLICP	% Rec	QC Limits
Aluminum				
Antimony				
Arsenic	3850	4000	96.3	80-120
Barium				
Beryllium				
Cadmium				
Calcium	anr			
Chromium				
Cobalt				
Copper				
Iron	anr			
Lead				
Magnesium	anr			
Manganese	anr			
Molybdenum				
Nickel				
Potassium	anr			
Selenium				
Silver				
Sodium	anr			
Thallium				
Tin				
Vanadium				
Zinc				

Associated samples MP8308: F33318-1, F33318-2, F33318-3, F33318-4, F33318-5, F33318-11, F33318-12

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

SERIAL DILUTION RESULTS SUMMARY

Login Number: F33318
Account: STOLCOGJ - S M Stoller
Project: Quarterly Sampling, STAR Center, Largo, FL

QC Batch ID: MP8308
Matrix Type: AQUEOUS

Methods: SW846 6010B
Units: ug/l

Prep Date: 07/20/05

Metal	F33336-2 Original	SDL 1:5	RPD	QC Limits
Aluminum				
Antimony				
Arsenic	4.49	0.00	100.0(a)	0-10
Barium				
Beryllium				
Cadmium				
Calcium	anr			
Chromium				
Cobalt				
Copper				
Iron	anr			
Lead				
Magnesium	anr			
Manganese	anr			
Molybdenum				
Nickel				
Potassium	anr			
Selenium				
Silver				
Sodium	anr			
Thallium				
Tin				
Vanadium				
Zinc				

Associated samples MP8308: F33318-1, F33318-2, F33318-3, F33318-4, F33318-5, F33318-11, F33318-12

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested
(a) Percent difference acceptable due to low initial sample concentration (< 50 times IDL).

Southeast ACCUTEST Laboratories

10/24/05

Technical Report for

S M Stoller

Quarterly Sampling, STAR Center, Largo, FL

110406202

Accutest Job Number: F33319

Sampling Dates: 07/15/05 - 07/18/05

Report to:

S M Stoller

Cathy.Kelleher@gjo.doe.gov

ATTN: Cathy Kelleher

Total number of pages in report: **54**

ACCREDITED IN ACCORDANCE WITH nelac

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Conference and/or state specific certification programs as applicable.

Harry Behzadi, Ph.D.
Laboratory Director

Certifications: FL (DOH E83510), NC (573), NJ (FL002), MA (FL946), IA (366), LA (03051), KS (E-10327), SC, AK

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Sample Summary

S M Stoller

Job No: F33319

Quarterly Sampling, STAR Center, Largo, FL
Project No: 110406202

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
F33319-1	07/15/05	13:55	DM	07/18/05	AQ	Ground Water	PIN12-S73B-N001
F33319-2	07/15/05	14:30	DM	07/18/05	AQ	Ground Water	PIN12-S73D-N001
F33319-3	07/15/05	15:30	DM	07/18/05	AQ	Ground Water	PIN12-S69B-N001
F33319-4	07/15/05	16:05	DM	07/18/05	AQ	Ground Water	PIN12-S68B-N001
F33319-5	07/18/05	09:00	DM	07/18/05	AQ	Ground Water	PIN20-M061-N001
F33319-6	07/18/05	09:15	DM	07/18/05	AQ	Ground Water	PIN24-0509-N001
F33319-7	07/18/05	09:55	DM	07/18/05	AQ	Ground Water	PIN15-0577-N001
F33319-8	07/18/05	10:50	DM	07/18/05	AQ	Ground Water	PIN15-0578-N001

SAMPLE DELIVERY GROUP CASE NARRATIVE

Client: S M Stoller **Job No:** F33319

Site: Quarterly Sampling, STAR Center, Largo, FL **Report Date** 8/3/2005

8 Samples were collected on between 07/15/2005 and 07/18/2005 and were received at Accutest on 07/18/2005 properly preserved, at 2.8 Deg. C and intact. These Samples received an Accutest job number of F33319.A listing of the Laboratory Sample ID, Client Sample ID and dates of collection are presented in the Results Summary Section of this report.

Except as noted below, all method specified calibrations and quality control performance criteria were met for this job. For more information, please refer to QC summary pages.

Volatiles by GCMS By Method SW846 8260B

Matrix: AQ **Batch ID:** VJ706

Sample(s) F33447-3MS, F33447-3MSD were used as the QC samples indicated.

All method blanks for this batch meet method specific criteria.

MS/MSD recoveries for 2-Chloroethyl vinyl ether are outside control limits. Blank Spike is with in limits.

RPD for MSD for m,p-Xylene is outside control limits for sample F33447-3MSD. Probable cause due to sample homogeneity.

Matrix: AQ **Batch ID:** VJ707

Samples F33319-5MS, F33319-5MSD were used as the QC samples indicated.

All method blanks for this batch meet method specific criteria.

MS/MSD recoveries for cis-1,2-Dichloroethylene, Trichloroethylene, Vinyl chloride are outside control limits. Probable cause due to matrix interference.

Matrix: AQ **Batch ID:** VJ708

Samples F33593-1MS, F33593-1MSD were used as the QC samples indicated.

All method blanks for this batch meet method specific criteria.

MS/MSD recoveries for 2-Chloroethyl vinyl ether are outside control limits. Blank Spike is with in limits.

Extractables by GC By Method FLORIDA-PRO

Matrix: AQ **Batch ID:** OP13886

All method blanks for this batch meet method specific criteria.

Samples F33318-11MS, F33318-11MSD were used as the QC samples indicated.

Metals By Method SW846 6010B

Matrix: AQ **Batch ID:** MP8308

Samples F33336-2MS, F33336-2MSD, F33336-2SDL, F33336-2DUP were used as the QC samples for metals.

All method blanks for this batch meet method specific criteria.

RPD for Duplicate for Arsenic is outside control limits for sample MP8308-D1. RPD acceptable due to low duplicate and sample concentrations.

RPD for Serial Dilution for Arsenic is outside control limits for sample MP8308-SD1. Percent difference acceptable due to low initial sample concentration (< 50 times IDL).

Matrix: AQ **Batch ID:** MP8320

All method blanks for this batch meet method specific criteria.

Samples F33348-2DUP, F33348-2MS, F33348-2MSD, F33348-2SDL were used as the QC samples for metals.

RPD for Serial Dilution for Arsenic is outside control limits for sample MP8320-SD1. Percent difference acceptable due to low initial sample concentration (< 50 times IDL).

Accutest Laboratories Southeast (ALSE) certifies that this report meets the project requirements for analytical data produced for the samples as received at ALSE and as stated on the COC. ALSE certifies that the data meets the Data QualityObjectives for precision, accuracy and completeness as specified in the ALSE Quality Manual except as noted above. This report is to be used in its entirety. ALSE is not responsible for any assumptions of data quality if partial data packages are used.

Narrative prepared by:

_____ Date: August 03, 2005

Sue O. Bell, Project Manager (signature on file)

Report of Analysis

Client Sample ID:	PIN12-S73B-N001		
Lab Sample ID:	F33319-1	**Date Sampled:**	07/15/05
Matrix:	AQ - Ground Water	**Date Received:**	07/18/05
		Percent Solids:	n/a
Project:	Quarterly Sampling, STAR Center, Largo, FL		

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	2.9 U	10	2.9	ug/l	1	07/20/05	07/21/05	JM	SW846 6010B [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA4453
(2) Prep QC Batch: MP8308

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
I = Indicates a result > = MDL but < RL

Report of Analysis

Client Sample ID:	PIN12-S73D-N001		
Lab Sample ID:	F33319-2	**Date Sampled:**	07/15/05
Matrix:	AQ - Ground Water	**Date Received:**	07/18/05
		Percent Solids:	n/a
Project:	Quarterly Sampling, STAR Center, Largo, FL		

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	2.9 U	10	2.9	ug/l	1	07/20/05	07/21/05	JM	SW846 6010B [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA4453
(2) Prep QC Batch: MP8308

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
I = Indicates a result > = MDL but < RL

Report of Analysis

Client Sample ID:	PIN12-S69B-N001		
Lab Sample ID:	F33319-3	**Date Sampled:**	07/15/05
Matrix:	AQ - Ground Water	**Date Received:**	07/18/05
		Percent Solids:	n/a
Project:	Quarterly Sampling, STAR Center, Largo, FL		

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	4.7 I	10	2.9	ug/l	1	07/20/05	07/21/05	JM	SW846 6010B [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA4453
(2) Prep QC Batch: MP8308

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
I = Indicates a result > = MDL but < RL

Report of Analysis

Client Sample ID:	PIN12-S68B-N001		
Lab Sample ID:	F33319-4	**Date Sampled:**	07/15/05
Matrix:	AQ - Ground Water	**Date Received:**	07/18/05
		Percent Solids:	n/a
Project:	Quarterly Sampling, STAR Center, Largo, FL		

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	51.6	10	2.9	ug/l	1	07/22/05	07/25/05	JM	SW846 6010B [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA4459
(2) Prep QC Batch: MP8320

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
I = Indicates a result > = MDL but < RL

Report of Analysis

Client Sample ID:	PIN20-M061-N001		
Lab Sample ID:	F33319-5	**Date Sampled:**	07/18/05
Matrix:	AQ - Ground Water	**Date Received:**	07/18/05
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Quarterly Sampling, STAR Center, Largo, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	J016951.D	1	07/29/05	MM	n/a	n/a	VJ706
Run #2	J016964.D	10	07/30/05	MM	n/a	n/a	VJ707

	Purge Volume
Run #1	5.0 ml
Run #2	5.0 ml

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	0.50 U	1.0	0.50	ug/l	
75-27-4	Bromodichloromethane	0.50 U	1.0	0.50	ug/l	
75-25-2	Bromoform	0.50 U	1.0	0.50	ug/l	
108-90-7	Chlorobenzene	0.50 U	1.0	0.50	ug/l	
75-00-3	Chloroethane	1.0 U	2.0	1.0	ug/l	
67-66-3	Chloroform	0.50 U	1.0	0.50	ug/l	
110-75-8	2-Chloroethyl vinyl ether	2.5 U	5.0	2.5	ug/l	
56-23-5	Carbon tetrachloride	0.50 U	1.0	0.50	ug/l	
75-34-3	1,1-Dichloroethane	0.50 U	1.0	0.50	ug/l	
75-35-4	1,1-Dichloroethylene	5.3	1.0	0.50	ug/l	
107-06-2	1,2-Dichloroethane	0.50 U	1.0	0.50	ug/l	
78-87-5	1,2-Dichloropropane	0.50 U	1.0	0.50	ug/l	
124-48-1	Dibromochloromethane	0.40 U	1.0	0.40	ug/l	
75-71-8	Dichlorodifluoromethane	0.50 U	1.0	0.50	ug/l	
156-59-2	cis-1,2-Dichloroethylene	377 [a]	10	5.0	ug/l	
10061-01-5	cis-1,3-Dichloropropene	0.30 U	1.0	0.30	ug/l	
541-73-1	m-Dichlorobenzene	0.50 U	1.0	0.50	ug/l	
95-50-1	o-Dichlorobenzene	0.50 U	1.0	0.50	ug/l	
106-46-7	p-Dichlorobenzene	0.50 U	1.0	0.50	ug/l	
156-60-5	trans-1,2-Dichloroethylene	24.2	1.0	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	0.30 U	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	0.50 U	1.0	0.50	ug/l	
74-83-9	Methyl bromide	1.0 U	2.0	1.0	ug/l	
74-87-3	Methyl chloride	1.0 U	2.0	1.0	ug/l	
75-09-2	Methylene chloride	1.0 U	5.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	0.50 U	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	0.50 U	1.0	0.50	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	0.30 U	1.0	0.30	ug/l	
79-00-5	1,1,2-Trichloroethane	0.50 U	1.0	0.50	ug/l	
127-18-4	Tetrachloroethylene	0.50 U	1.0	0.50	ug/l	
108-88-3	Toluene	0.50 U	1.0	0.50	ug/l	
79-01-6	Trichloroethylene	623 [a]	10	5.0	ug/l	

U = Not detected MDL - Method Detection Limit
RL = Reporting Limit
L = Indicates value exceeds calibration range

I = Result > = MDL but < RL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	PIN20-M061-N001		
Lab Sample ID:	F33319-5	**Date Sampled:**	07/18/05
Matrix:	AQ - Ground Water	**Date Received:**	07/18/05
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Quarterly Sampling, STAR Center, Largo, FL		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-69-4	Trichlorofluoromethane	0.60 U	2.0	0.60	ug/l	
75-01-4	Vinyl chloride	505 [a]	10	5.0	ug/l	
	m,p-Xylene	0.50 U	2.0	0.50	ug/l	
95-47-6	o-Xylene	0.50 U	1.0	0.50	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	111%	105%	86-115%
17060-07-0	1,2-Dichloroethane-D4	118%	104%	73-126%
2037-26-5	Toluene-D8	99%	96%	86-112%
460-00-4	4-Bromofluorobenzene	106%	102%	83-119%

(a) Result is from Run# 2

U = Not detected MDL - Method Detection Limit
RL = Reporting Limit
L = Indicates value exceeds calibration range

I = Result > = MDL but < RL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	PIN24-0509-N001		
Lab Sample ID:	F33319-6	**Date Sampled:**	07/18/05
Matrix:	AQ - Ground Water	**Date Received:**	07/18/05
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Quarterly Sampling, STAR Center, Largo, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	J016952.D	1	07/29/05	MM	n/a	n/a	VJ706
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	0.50 U	1.0	0.50	ug/l	
75-27-4	Bromodichloromethane	0.50 U	1.0	0.50	ug/l	
75-25-2	Bromoform	0.50 U	1.0	0.50	ug/l	
108-90-7	Chlorobenzene	0.50 U	1.0	0.50	ug/l	
75-00-3	Chloroethane	1.0 U	2.0	1.0	ug/l	
67-66-3	Chloroform	0.50 U	1.0	0.50	ug/l	
110-75-8	2-Chloroethyl vinyl ether	2.5 U	5.0	2.5	ug/l	
56-23-5	Carbon tetrachloride	0.50 U	1.0	0.50	ug/l	
75-34-3	1,1-Dichloroethane	0.50 U	1.0	0.50	ug/l	
75-35-4	1,1-Dichloroethylene	0.50 U	1.0	0.50	ug/l	
107-06-2	1,2-Dichloroethane	0.50 U	1.0	0.50	ug/l	
78-87-5	1,2-Dichloropropane	0.50 U	1.0	0.50	ug/l	
124-48-1	Dibromochloromethane	0.40 U	1.0	0.40	ug/l	
75-71-8	Dichlorodifluoromethane	0.50 U	1.0	0.50	ug/l	
156-59-2	cis-1,2-Dichloroethylene	0.50 U	1.0	0.50	ug/l	
10061-01-5	cis-1,3-Dichloropropene	0.30 U	1.0	0.30	ug/l	
541-73-1	m-Dichlorobenzene	0.50 U	1.0	0.50	ug/l	
95-50-1	o-Dichlorobenzene	0.50 U	1.0	0.50	ug/l	
106-46-7	p-Dichlorobenzene	0.50 U	1.0	0.50	ug/l	
156-60-5	trans-1,2-Dichloroethylene	0.50 U	1.0	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	0.30 U	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	0.50 U	1.0	0.50	ug/l	
74-83-9	Methyl bromide	1.0 U	2.0	1.0	ug/l	
74-87-3	Methyl chloride	1.0 U	2.0	1.0	ug/l	
75-09-2	Methylene chloride	1.0 U	5.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	0.50 U	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	0.50 U	1.0	0.50	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	0.30 U	1.0	0.30	ug/l	
79-00-5	1,1,2-Trichloroethane	0.50 U	1.0	0.50	ug/l	
127-18-4	Tetrachloroethylene	0.50 U	1.0	0.50	ug/l	
108-88-3	Toluene	0.50 U	1.0	0.50	ug/l	
79-01-6	Trichloroethylene	0.50 U	1.0	0.50	ug/l	

U = Not detected MDL - Method Detection Limit
RL = Reporting Limit
L = Indicates value exceeds calibration range

I = Result > = MDL but < RL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	PIN24-0509-N001		
Lab Sample ID:	F33319-6	**Date Sampled:**	07/18/05
Matrix:	AQ - Ground Water	**Date Received:**	07/18/05
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Quarterly Sampling, STAR Center, Largo, FL		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-69-4	Trichlorofluoromethane	0.60 U	2.0	0.60	ug/l	
75-01-4	Vinyl chloride	0.50 U	1.0	0.50	ug/l	
	m,p-Xylene	0.50 U	2.0	0.50	ug/l	
95-47-6	o-Xylene	0.50 U	1.0	0.50	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	110%		86-115%
17060-07-0	1,2-Dichloroethane-D4	117%		73-126%
2037-26-5	Toluene-D8	98%		86-112%
460-00-4	4-Bromofluorobenzene	109%		83-119%

U = Not detected MDL - Method Detection Limit
RL = Reporting Limit
L = Indicates value exceeds calibration range

I = Result > = MDL but < RL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	PIN15-0577-N001		
Lab Sample ID:	F33319-7	**Date Sampled:**	07/18/05
Matrix:	AQ - Ground Water	**Date Received:**	07/18/05
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Quarterly Sampling, STAR Center, Largo, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	J016988.D	1	08/01/05	MM	n/a	n/a	VJ708
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	5.1	1.0	0.50	ug/l	
75-27-4	Bromodichloromethane	0.50 U	1.0	0.50	ug/l	
75-25-2	Bromoform	0.50 U	1.0	0.50	ug/l	
108-90-7	Chlorobenzene	0.50 U	1.0	0.50	ug/l	
75-00-3	Chloroethane	3.9	2.0	1.0	ug/l	
67-66-3	Chloroform	0.50 U	1.0	0.50	ug/l	
110-75-8	2-Chloroethyl vinyl ether	2.5 U	5.0	2.5	ug/l	
56-23-5	Carbon tetrachloride	0.50 U	1.0	0.50	ug/l	
75-34-3	1,1-Dichloroethane	0.50 U	1.0	0.50	ug/l	
75-35-4	1,1-Dichloroethylene	0.50 U	1.0	0.50	ug/l	
107-06-2	1,2-Dichloroethane	0.50 U	1.0	0.50	ug/l	
78-87-5	1,2-Dichloropropane	0.50 U	1.0	0.50	ug/l	
124-48-1	Dibromochloromethane	0.40 U	1.0	0.40	ug/l	
75-71-8	Dichlorodifluoromethane	0.50 U	1.0	0.50	ug/l	
156-59-2	cis-1,2-Dichloroethylene	0.50 U	1.0	0.50	ug/l	
10061-01-5	cis-1,3-Dichloropropene	0.30 U	1.0	0.30	ug/l	
541-73-1	m-Dichlorobenzene	0.50 U	1.0	0.50	ug/l	
95-50-1	o-Dichlorobenzene	0.50 U	1.0	0.50	ug/l	
106-46-7	p-Dichlorobenzene	0.50 U	1.0	0.50	ug/l	
156-60-5	trans-1,2-Dichloroethylene	11.6	1.0	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	0.30 U	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	7.6	1.0	0.50	ug/l	
74-83-9	Methyl bromide	1.0 U	2.0	1.0	ug/l	
74-87-3	Methyl chloride	1.0 U	2.0	1.0	ug/l	
75-09-2	Methylene chloride	1.0 U	5.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	0.50 U	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	0.50 U	1.0	0.50	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	0.30 U	1.0	0.30	ug/l	
79-00-5	1,1,2-Trichloroethane	0.50 U	1.0	0.50	ug/l	
127-18-4	Tetrachloroethylene	0.50 U	1.0	0.50	ug/l	
108-88-3	Toluene	6.2	1.0	0.50	ug/l	
79-01-6	Trichloroethylene	0.50 U	1.0	0.50	ug/l	

U = Not detected MDL - Method Detection Limit
RL = Reporting Limit
L = Indicates value exceeds calibration range

I = Result > = MDL but < RL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	PIN15-0577-N001		
Lab Sample ID:	F33319-7	**Date Sampled:**	07/18/05
Matrix:	AQ - Ground Water	**Date Received:**	07/18/05
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Quarterly Sampling, STAR Center, Largo, FL		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-69-4	Trichlorofluoromethane	0.60 U	2.0	0.60	ug/l	
75-01-4	Vinyl chloride	4.9	1.0	0.50	ug/l	
	m,p-Xylene	2.6	2.0	0.50	ug/l	
95-47-6	o-Xylene	10.7	1.0	0.50	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	110%		86-115%
17060-07-0	1,2-Dichloroethane-D4	114%		73-126%
2037-26-5	Toluene-D8	102%		86-112%
460-00-4	4-Bromofluorobenzene	101%		83-119%

U = Not detected MDL - Method Detection Limit
RL = Reporting Limit
L = Indicates value exceeds calibration range

I = Result > = MDL but < RL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	PIN15-0577-N001		
Lab Sample ID:	F33319-7	**Date Sampled:**	07/18/05
Matrix:	AQ - Ground Water	**Date Received:**	07/18/05
Method:	FLORIDA-PRO SW846 3510C	**Percent Solids:**	n/a
Project:	Quarterly Sampling, STAR Center, Largo, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	IJ24904.D	1	07/22/05	SD	07/20/05	OP13886	GIJ1188
Run #2							

	Initial Volume	Final Volume
Run #1	1030 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C8-C40)	3.85	0.24	0.17	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	73%		50-125%

U = Not detected MDL - Method Detection Limit
RL = Reporting Limit
L = Indicates value exceeds calibration range

I = Result > = MDL but < RL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	PIN15-0578-N001		
Lab Sample ID:	F33319-8	**Date Sampled:**	07/18/05
Matrix:	AQ - Ground Water	**Date Received:**	07/18/05
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Quarterly Sampling, STAR Center, Largo, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	J016989.D	1	08/01/05	MM	n/a	n/a	VJ708
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	0.50 U	1.0	0.50	ug/l	
75-27-4	Bromodichloromethane	0.50 U	1.0	0.50	ug/l	
75-25-2	Bromoform	0.50 U	1.0	0.50	ug/l	
108-90-7	Chlorobenzene	0.50 U	1.0	0.50	ug/l	
75-00-3	Chloroethane	1.0 U	2.0	1.0	ug/l	
67-66-3	Chloroform	0.50 U	1.0	0.50	ug/l	
110-75-8	2-Chloroethyl vinyl ether	2.5 U	5.0	2.5	ug/l	
56-23-5	Carbon tetrachloride	0.50 U	1.0	0.50	ug/l	
75-34-3	1,1-Dichloroethane	0.50 U	1.0	0.50	ug/l	
75-35-4	1,1-Dichloroethylene	0.50 U	1.0	0.50	ug/l	
107-06-2	1,2-Dichloroethane	0.50 U	1.0	0.50	ug/l	
78-87-5	1,2-Dichloropropane	0.50 U	1.0	0.50	ug/l	
124-48-1	Dibromochloromethane	0.40 U	1.0	0.40	ug/l	
75-71-8	Dichlorodifluoromethane	0.50 U	1.0	0.50	ug/l	
156-59-2	cis-1,2-Dichloroethylene	1.1	1.0	0.50	ug/l	
10061-01-5	cis-1,3-Dichloropropene	0.30 U	1.0	0.30	ug/l	
541-73-1	m-Dichlorobenzene	0.50 U	1.0	0.50	ug/l	
95-50-1	o-Dichlorobenzene	0.50 U	1.0	0.50	ug/l	
106-46-7	p-Dichlorobenzene	0.50 U	1.0	0.50	ug/l	
156-60-5	trans-1,2-Dichloroethylene	0.50 U	1.0	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	0.30 U	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	0.50 U	1.0	0.50	ug/l	
74-83-9	Methyl bromide	1.0 U	2.0	1.0	ug/l	
74-87-3	Methyl chloride	1.0 U	2.0	1.0	ug/l	
75-09-2	Methylene chloride	1.0 U	5.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	0.50 U	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	0.50 U	1.0	0.50	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	0.30 U	1.0	0.30	ug/l	
79-00-5	1,1,2-Trichloroethane	0.50 U	1.0	0.50	ug/l	
127-18-4	Tetrachloroethylene	0.50 U	1.0	0.50	ug/l	
108-88-3	Toluene	0.50 U	1.0	0.50	ug/l	
79-01-6	Trichloroethylene	0.50 U	1.0	0.50	ug/l	

U = Not detected MDL - Method Detection Limit
RL = Reporting Limit
L = Indicates value exceeds calibration range

I = Result > = MDL but < RL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	PIN15-0578-N001		
Lab Sample ID:	F33319-8	**Date Sampled:**	07/18/05
Matrix:	AQ - Ground Water	**Date Received:**	07/18/05
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Quarterly Sampling, STAR Center, Largo, FL		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-69-4	Trichlorofluoromethane	0.60 U	2.0	0.60	ug/l	
75-01-4	Vinyl chloride	1.7	1.0	0.50	ug/l	
	m,p-Xylene	0.50 U	2.0	0.50	ug/l	
95-47-6	o-Xylene	0.50 U	1.0	0.50	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	108%		86-115%
17060-07-0	1,2-Dichloroethane-D4	116%		73-126%
2037-26-5	Toluene-D8	103%		86-112%
460-00-4	4-Bromofluorobenzene	107%		83-119%

U = Not detected MDL - Method Detection Limit
RL = Reporting Limit
L = Indicates value exceeds calibration range

I = Result > = MDL but < RL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	PIN15-0578-N001		
Lab Sample ID:	F33319-8	**Date Sampled:**	07/18/05
Matrix:	AQ - Ground Water	**Date Received:**	07/18/05
Method:	FLORIDA-PRO SW846 3510C	**Percent Solids:**	n/a
Project:	Quarterly Sampling, STAR Center, Largo, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	IJ24905.D	1	07/22/05	SD	07/20/05	OP13886	GIJ1188
Run #2							

	Initial Volume	Final Volume
Run #1	970 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C8-C40)	0.731	0.26	0.18	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	71%		50-125%

U = Not detected MDL - Method Detection Limit
RL = Reporting Limit
L = Indicates value exceeds calibration range

I = Result > = MDL but < RL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

Young-Rainey Star Center 4.5 Acre Quarterly Sampling

S.M. Stoller, 7887 Bryan Dairy Rd. Suite 260, Largo, FL 33777, tel. 727-541-8103, fax 727-549-1121

4405 Vineland Rd. Suite C-15, Orlando, FL 32811 tel 407-425-6700 fax 407-425-0707

F33319

Sample Matrix is Groundwater, samples are preserved on ice. Temp._____ C

Sample number	Sample ID	Date	Time	Sampled by	No. Bottles	VOC 8260 preserved w/HCl	Arsenic preserved w/HNO3	Fl-Pro preserved w/HCl				Samplers Notes	Lab Use Only
1	PIN12-S73B-N001	7/15/05	1355	SC	1		1						
2	PIN12-S73D-N001	7/15/05	1430	SC	1		1						
3	PIN12-S69B-N001	7/15/05	1530	SC	1		1						
4	PIN12-S68B-N001	7/15/05	1605	SC	1		1						
5	PIN20-M061-N001	7/18/05	0900	SC	3	3							
6	PIN24-0509-N001	7/18/05	0915	SC	3	3							
7	PIN15-0577-N001	7/18/05	0955	DM	5	3		2					
8	PIN15-0578-N001	7/18/05	1050	SC	5	3		2					

7/18/05

This is a preprinted list. Samples not included in this shipment are lined out

Relinquished by Sampler	Date	Time	Received by Courier	Date	Time
Debbie Montgomery	7/18/05	12:35	[illegible]	7/18/05	12:35
Relinquished by Courier	**Date**	**Time**	**Received by Laboratory**	**Date**	**Time**
[illegible]			[illegible]	7/18/05	16:00

Data Turnaround	
std	
48 hr	
24 hr	

F33319: Chain of Custody

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ACCUTEST LABORATORIES SAMPLE RECEIPT CONFIRMATION

ACCUTEST'S JOB NUMBER: F33319 CLIENT: S+M Stoller PROJECT: Young-Rainey Stmr

DATE/TIME RECEIVED: 7/18/05 1610 # OF COOLERS RECEIVED: 3 COOLER TEMPS: 2.6 2.8 2.8

METHOD OF DELIVERY: FEDEX UPS (ACCUTEST COURIER) GREYHOUND DELIVERY OTHER

AIRBILL NUMBERS:

COOLER INFORMATION

- [ ] CUSTODY SEAL NOT PRESENT OR NOT INTACT
- [ ] NO COC RECEIVED
- [ ] ANALYSIS REQUESTED IS UNCLEAR OR MISSING
- [ ] SAMPLE DATES OR TIMES UNCLEAR OR MISSING
- [ ] TEMPERATURE CRITERIA NOT MET

TRIP BLANK INFORMATION

- [x] TRIP BLANK NOT PROVIDED
- [ ] TRIP BLANK NOT ON COC
- [ ] TRIP BLANK INTACT
- [ ] TRIP BLANK NOT INTACT
- [ ] RECEIVED WATER TRIP BLANK
- [ ] RECEIVED SOIL TRIP BLANK

SAMPLE INFORMATION

- [ ] SAMPLE LABELS PRESENT ON ALL BOTTLES
- [ ] CORRECT NUMBER OF CONTAINERS USED
- [ ] SAMPLE RECEIVED IMPROPERLY PRESERVED
- [ ] INSUFFICIENT VOLUME FOR ANALYSIS
- [ ] TIMES ON COC DON'T MATCH LABEL
- [ ] ID'S ON COC DON'T MATCH LABEL
- [ ] VOC VIALS HAVE HEADSPACE (MACRO BUBBLES)
- [ ] BOTTLES RECEIVED BUT ANALYSIS NOT REQUESTED
- [ ] NO BOTTLES RECEIVED FOR ANALYSIS REQUESTED
- [ ] UNCLEAR FILTERING INSTRUCTIONS
- [ ] UNCLEAR COMPOSITING INSTRUCTIONS
- [ ] SAMPLE(S) RECEIVED BROKEN
- [ ] % SOLIDS JAR NOT RECEIVED

SOIL INFORMATION

NUMBER OF ENCORES ? Ø

NUMBER OF 5035 FIELD KITS ? Ø

SUMMARY OF COMMENTS:

TECHNICIAN SIGNATURE/DATE CP 7/18/05 TECHNICIAN SIGNATURE/DATE Steven Green/7-18-05

ASBD06/22/05

4.1

4

F33319: Chain of Custody

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ACCUTEST Laboratories F33319

GC/MS Volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries

Method Blank Summary

Job Number: F33319
Account: STOLCOGJ S M Stoller
Project: Quarterly Sampling, STAR Center, Largo, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VJ706-MB	J016931.D	1	07/29/05	MM	n/a	n/a	VJ706

The QC reported here applies to the following samples: **Method:** SW846 8260B

F33319-5, F33319-6

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.50	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.50	ug/l	
75-25-2	Bromoform	ND	1.0	0.50	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.50	ug/l	
75-00-3	Chloroethane	ND	2.0	1.0	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
110-75-8	2-Chloroethyl vinyl ether	ND	5.0	2.5	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.50	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.50	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.50	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.50	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.50	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.40	ug/l	
75-71-8	Dichlorodifluoromethane	ND	1.0	0.50	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	1.0	0.50	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.30	ug/l	
541-73-1	m-Dichlorobenzene	ND	1.0	0.50	ug/l	
95-50-1	o-Dichlorobenzene	ND	1.0	0.50	ug/l	
106-46-7	p-Dichlorobenzene	ND	1.0	0.50	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.50	ug/l	
74-83-9	Methyl bromide	ND	2.0	1.0	ug/l	
74-87-3	Methyl chloride	ND	2.0	1.0	ug/l	
75-09-2	Methylene chloride	ND	5.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.50	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.30	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.50	ug/l	
127-18-4	Tetrachloroethylene	ND	1.0	0.50	ug/l	
108-88-3	Toluene	ND	1.0	0.50	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.50	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.60	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.50	ug/l	
	m,p-Xylene	ND	2.0	0.50	ug/l	
95-47-6	o-Xylene	ND	1.0	0.50	ug/l	

Method Blank Summary

Job Number: F33319
Account: STOLCOGJ S M Stoller
Project: Quarterly Sampling, STAR Center, Largo, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VJ706-MB	J016931.D	1	07/29/05	MM	n/a	n/a	VJ706

The QC reported here applies to the following samples: **Method:** SW846 8260B

F33319-5, F33319-6

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	105%	86-115%
17060-07-0	1,2-Dichloroethane-D4	106%	73-126%
2037-26-5	Toluene-D8	97%	86-112%
460-00-4	4-Bromofluorobenzene	103%	83-119%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Volatile		0	ug/l	

Method Blank Summary

Job Number: F33319
Account: STOLCOGJ S M Stoller
Project: Quarterly Sampling, STAR Center, Largo, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VJ707-MB	J016961.D	1	07/30/05	MM	n/a	n/a	VJ707

The QC reported here applies to the following samples: **Method:** SW846 8260B

F33319-5

CAS No.	Compound	Result	RL	MDL	Units	Q
156-59-2	cis-1,2-Dichloroethylene	ND	1.0	0.50	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.50	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.50	ug/l	

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	104%	86-115%
17060-07-0	1,2-Dichloroethane-D4	104%	73-126%
2037-26-5	Toluene-D8	96%	86-112%
460-00-4	4-Bromofluorobenzene	102%	83-119%

Method Blank Summary

Job Number: F33319
Account: STOLCOGJ S M Stoller
Project: Quarterly Sampling, STAR Center, Largo, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VJ708-MB	J016987.D	1	08/01/05	MM	n/a	n/a	VJ708

The QC reported here applies to the following samples: **Method:** SW846 8260B

F33319-7, F33319-8

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.50	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.50	ug/l	
75-25-2	Bromoform	ND	1.0	0.50	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.50	ug/l	
75-00-3	Chloroethane	ND	2.0	1.0	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
110-75-8	2-Chloroethyl vinyl ether	ND	5.0	2.5	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.50	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.50	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.50	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.50	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.50	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.40	ug/l	
75-71-8	Dichlorodifluoromethane	ND	1.0	0.50	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	1.0	0.50	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.30	ug/l	
541-73-1	m-Dichlorobenzene	ND	1.0	0.50	ug/l	
95-50-1	o-Dichlorobenzene	ND	1.0	0.50	ug/l	
106-46-7	p-Dichlorobenzene	ND	1.0	0.50	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.50	ug/l	
74-83-9	Methyl bromide	ND	2.0	1.0	ug/l	
74-87-3	Methyl chloride	ND	2.0	1.0	ug/l	
75-09-2	Methylene chloride	ND	5.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.50	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.30	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.50	ug/l	
127-18-4	Tetrachloroethylene	ND	1.0	0.50	ug/l	
108-88-3	Toluene	ND	1.0	0.50	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.50	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.60	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.50	ug/l	
	m,p-Xylene	ND	2.0	0.50	ug/l	
95-47-6	o-Xylene	ND	1.0	0.50	ug/l	

Method Blank Summary

Job Number: F33319
Account: STOLCOGJ S M Stoller
Project: Quarterly Sampling, STAR Center, Largo, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VJ708-MB	J016987.D	1	08/01/05	MM	n/a	n/a	VJ708

The QC reported here applies to the following samples: **Method:** SW846 8260B

F33319-7, F33319-8

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	105%	86-115%
17060-07-0	1,2-Dichloroethane-D4	112%	73-126%
2037-26-5	Toluene-D8	100%	86-112%
460-00-4	4-Bromofluorobenzene	105%	83-119%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Volatile [a]		0	ug/l	

(a) No TICs detected.

Blank Spike Summary

Job Number: F33319
Account: STOLCOGJ S M Stoller
Project: Quarterly Sampling, STAR Center, Largo, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VJ706-BS	J016930.D	1	07/29/05	MM	n/a	n/a	VJ706

The QC reported here applies to the following samples: **Method:** SW846 8260B

F33319-5, F33319-6

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
71-43-2	Benzene	25	25.1	100	80-120
75-27-4	Bromodichloromethane	25	25.6	102	75-120
75-25-2	Bromoform	25	21.6	86	60-129
108-90-7	Chlorobenzene	25	24.6	98	82-112
75-00-3	Chloroethane	25	32.4	130	67-148
67-66-3	Chloroform	25	26.0	104	78-118
110-75-8	2-Chloroethyl vinyl ether	125	147	118	23-132
56-23-5	Carbon tetrachloride	25	27.5	110	69-137
75-34-3	1,1-Dichloroethane	25	25.9	104	75-117
75-35-4	1,1-Dichloroethylene	25	25.4	102	67-134
107-06-2	1,2-Dichloroethane	25	25.4	102	68-121
78-87-5	1,2-Dichloropropane	25	25.1	100	78-122
124-48-1	Dibromochloromethane	25	23.1	92	68-118
75-71-8	Dichlorodifluoromethane	25	38.7	155	43-173
156-59-2	cis-1,2-Dichloroethylene	25	24.5	98	81-120
10061-01-5	cis-1,3-Dichloropropene	25	24.7	99	73-115
541-73-1	m-Dichlorobenzene	25	24.0	96	78-116
95-50-1	o-Dichlorobenzene	25	23.6	94	77-115
106-46-7	p-Dichlorobenzene	25	23.9	96	77-113
156-60-5	trans-1,2-Dichloroethylene	25	25.4	102	74-125
10061-02-6	trans-1,3-Dichloropropene	25	25.9	104	69-115
100-41-4	Ethylbenzene	25	24.3	97	82-115
74-83-9	Methyl bromide	25	32.0	128	60-165
74-87-3	Methyl chloride	25	31.0	124	58-152
75-09-2	Methylene chloride	25	24.8	99	66-125
1634-04-4	Methyl Tert Butyl Ether	25	25.4	102	67-127
71-55-6	1,1,1-Trichloroethane	25	27.8	111	78-132
79-34-5	1,1,2,2-Tetrachloroethane	25	22.9	92	67-119
79-00-5	1,1,2-Trichloroethane	25	22.7	91	74-115
127-18-4	Tetrachloroethylene	25	25.0	100	75-126
108-88-3	Toluene	25	24.7	99	81-114
79-01-6	Trichloroethylene	25	25.6	102	80-115
75-69-4	Trichlorofluoromethane	25	32.7	131	65-163
75-01-4	Vinyl chloride	25	32.2	129	70-151
	m,p-Xylene	50	49.9	100	83-118
95-47-6	o-Xylene	25	24.8	99	77-119

Blank Spike Summary

Job Number: F33319
Account: STOLCOGJ S M Stoller
Project: Quarterly Sampling, STAR Center, Largo, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VJ706-BS	J016930.D	1	07/29/05	MM	n/a	n/a	VJ706

The QC reported here applies to the following samples: **Method:** SW846 8260B

F33319-5, F33319-6

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	104%	86-115%
17060-07-0	1,2-Dichloroethane-D4	108%	73-126%
2037-26-5	Toluene-D8	98%	86-112%
460-00-4	4-Bromofluorobenzene	102%	83-119%

Blank Spike Summary

Job Number: F33319
Account: STOLCOGJ S M Stoller
Project: Quarterly Sampling, STAR Center, Largo, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VJ707-BS	J016960.D	1	07/30/05	MM	n/a	n/a	VJ707

The QC reported here applies to the following samples: **Method:** SW846 8260B

F33319-5

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
156-59-2	cis-1,2-Dichloroethylene	25	27.1	108	81-120
79-01-6	Trichloroethylene	25	28.0	112	80-115
75-01-4	Vinyl chloride	25	33.1	132	70-151

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	105%	86-115%
17060-07-0	1,2-Dichloroethane-D4	107%	73-126%
2037-26-5	Toluene-D8	97%	86-112%
460-00-4	4-Bromofluorobenzene	100%	83-119%

Blank Spike Summary

Job Number: F33319
Account: STOLCOGJ S M Stoller
Project: Quarterly Sampling, STAR Center, Largo, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VJ708-BS	J016986.D	1	08/01/05	MM	n/a	n/a	VJ708

The QC reported here applies to the following samples: **Method:** SW846 8260B

F33319-7, F33319-8

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
71-43-2	Benzene	25	23.4	94	80-120
75-27-4	Bromodichloromethane	25	25.1	100	75-120
75-25-2	Bromoform	25	22.4	90	60-129
108-90-7	Chlorobenzene	25	25.5	102	82-112
75-00-3	Chloroethane	25	32.6	130	67-148
67-66-3	Chloroform	25	25.6	102	78-118
110-75-8	2-Chloroethyl vinyl ether	125	134	107	23-132
56-23-5	Carbon tetrachloride	25	27.4	110	69-137
75-34-3	1,1-Dichloroethane	25	25.3	101	75-117
75-35-4	1,1-Dichloroethylene	25	24.9	100	67-134
107-06-2	1,2-Dichloroethane	25	25.6	102	68-121
78-87-5	1,2-Dichloropropane	25	23.9	96	78-122
124-48-1	Dibromochloromethane	25	24.2	97	68-118
75-71-8	Dichlorodifluoromethane	25	32.7	131	43-173
156-59-2	cis-1,2-Dichloroethylene	25	22.6	90	81-120
10061-01-5	cis-1,3-Dichloropropene	25	23.6	94	73-115
541-73-1	m-Dichlorobenzene	25	25.3	101	78-116
95-50-1	o-Dichlorobenzene	25	25.1	100	77-115
106-46-7	p-Dichlorobenzene	25	25.3	101	77-113
156-60-5	trans-1,2-Dichloroethylene	25	24.7	99	74-125
10061-02-6	trans-1,3-Dichloropropene	25	26.9	108	69-115
100-41-4	Ethylbenzene	25	25.0	100	82-115
74-83-9	Methyl bromide	25	36.3	145	60-165
74-87-3	Methyl chloride	25	29.7	119	58-152
75-09-2	Methylene chloride	25	24.6	98	66-125
1634-04-4	Methyl Tert Butyl Ether	25	23.5	94	67-127
71-55-6	1,1,1-Trichloroethane	25	27.1	108	78-132
79-34-5	1,1,2,2-Tetrachloroethane	25	23.9	96	67-119
79-00-5	1,1,2-Trichloroethane	25	23.7	95	74-115
127-18-4	Tetrachloroethylene	25	24.7	99	75-126
108-88-3	Toluene	25	25.6	102	81-114
79-01-6	Trichloroethylene	25	24.2	97	80-115
75-69-4	Trichlorofluoromethane	25	34.6	138	65-163
75-01-4	Vinyl chloride	25	28.7	115	70-151
	m,p-Xylene	50	52.0	104	83-118
95-47-6	o-Xylene	25	26.1	104	77-119

Blank Spike Summary

Job Number: F33319
Account: STOLCOGJ S M Stoller
Project: Quarterly Sampling, STAR Center, Largo, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VJ708-BS	J016986.D	1	08/01/05	MM	n/a	n/a	VJ708

The QC reported here applies to the following samples: **Method:** SW846 8260B

F33319-7, F33319-8

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	104%	86-115%
17060-07-0	1,2-Dichloroethane-D4	116%	73-126%
2037-26-5	Toluene-D8	103%	86-112%
460-00-4	4-Bromofluorobenzene	99%	83-119%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F33319
Account: STOLCOGJ S M Stoller
Project: Quarterly Sampling, STAR Center, Largo, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
F33447-3MS	J016938.D	1	07/29/05	MM	n/a	n/a	VJ706
F33447-3MSD	J016940.D	1	07/29/05	MM	n/a	n/a	VJ706
F33447-3	J016935.D	1	07/29/05	MM	n/a	n/a	VJ706

The QC reported here applies to the following samples: **Method:** SW846 8260B

F33319-5, F33319-6

CAS No.	Compound	F33447-3 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	ND		25	24.5	98	23.4	94	5	72-125/7
75-27-4	Bromodichloromethane	1.2		25	27.2	104	26.9	103	1	72-120/8
75-25-2	Bromoform	ND		25	21.3	85	21.3	85	0	55-127/11
108-90-7	Chlorobenzene	ND		25	24.3	97	23.0	92	5	79-113/7
75-00-3	Chloroethane	ND		25	34.2	137	32.9	132	4	56-164/14
67-66-3	Chloroform	12.6		25	39.5	108	38.3	103	3	75-120/8
110-75-8	2-Chloroethyl vinyl ether	ND		125	ND	0*	ND	0*	nc	8-137/18
56-23-5	Carbon tetrachloride	ND		25	28.3	113	25.8	103	9	56-145/12
75-34-3	1,1-Dichloroethane	ND		25	25.7	103	24.9	100	3	70-122/10
75-35-4	1,1-Dichloroethylene	ND		25	25.5	102	24.4	98	4	61-137/15
107-06-2	1,2-Dichloroethane	ND		25	26.8	107	26.8	107	0	64-124/7
78-87-5	1,2-Dichloropropane	ND		25	24.2	97	23.7	95	2	74-123/8
124-48-1	Dibromochloromethane	ND		25	23.2	93	22.9	92	1	63-119/9
75-71-8	Dichlorodifluoromethane	ND		25	38.9	156	36.4	146	7	35-184/21
156-59-2	cis-1,2-Dichloroethylene	ND		25	23.2	93	23.0	92	1	74-125/9
10061-01-5	cis-1,3-Dichloropropene	ND		25	23.0	92	22.2	89	4	65-112/10
541-73-1	m-Dichlorobenzene	ND		25	22.5	90	20.9	84	7	74-114/7
95-50-1	o-Dichlorobenzene	ND		25	23.1	92	21.5	86	7	73-114/8
106-46-7	p-Dichlorobenzene	ND		25	23.0	92	21.5	86	7	74-112/7
156-60-5	trans-1,2-Dichloroethylene	ND		25	24.9	100	23.9	96	4	70-127/11
10061-02-6	trans-1,3-Dichloropropene	ND		25	25.2	101	25.4	102	1	59-116/11
100-41-4	Ethylbenzene	ND		25	23.5	94	21.8	87	8	73-119/8
74-83-9	Methyl bromide	ND		25	34.8	139	33.2	133	5	52-172/16
74-87-3	Methyl chloride	ND		25	29.8	119	28.9	116	3	53-155/19
75-09-2	Methylene chloride	1.0	J	25	25.2	97	25.1	96	0	61-129/11
1634-04-4	Methyl Tert Butyl Ether	ND		25	25.4	102	26.0	104	2	61-129/9
71-55-6	1,1,1-Trichloroethane	ND		25	28.1	112	26.1	104	7	72-133/8
79-34-5	1,1,2,2-Tetrachloroethane	ND		25	23.9	96	24.5	98	2	64-120/10
79-00-5	1,1,2-Trichloroethane	ND		25	22.8	91	23.1	92	1	72-116/9
127-18-4	Tetrachloroethylene	ND		25	23.2	93	21.3	85	9	70-126/9
108-88-3	Toluene	ND		25	23.5	94	22.5	90	4	67-123/8
79-01-6	Trichloroethylene	ND		25	25.7	103	23.9	96	7	73-117/10
75-69-4	Trichlorofluoromethane	ND		25	35.7	143	32.5	130	9	52-164/16
75-01-4	Vinyl chloride	ND		25	33.2	133	31.3	125	6	63-161/18
	m,p-Xylene	ND		50	49.3	99	45.5	91	8*	74-123/7
95-47-6	o-Xylene	ND		25	24.2	97	22.8	91	6	68-123/7

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F33319
Account: STOLCOGJ S M Stoller
Project: Quarterly Sampling, STAR Center, Largo, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
F33447-3MS	J016938.D	1	07/29/05	MM	n/a	n/a	VJ706
F33447-3MSD	J016940.D	1	07/29/05	MM	n/a	n/a	VJ706
F33447-3	J016935.D	1	07/29/05	MM	n/a	n/a	VJ706

The QC reported here applies to the following samples: **Method:** SW846 8260B

F33319-5, F33319-6

CAS No.	Surrogate Recoveries	MS	MSD	F33447-3	Limits
1868-53-7	Dibromofluoromethane	108%	109%	109%	86-115%
17060-07-0	1,2-Dichloroethane-D4	116%	119%	113%	73-126%
2037-26-5	Toluene-D8	95%	95%	99%	86-112%
460-00-4	4-Bromofluorobenzene	97%	98%	106%	83-119%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F33319
Account: STOLCOGJ S M Stoller
Project: Quarterly Sampling, STAR Center, Largo, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
F33319-5MS	J016970.D	10	07/30/05	MM	n/a	n/a	VJ707
F33319-5MSD	J016971.D	10	07/30/05	MM	n/a	n/a	VJ707
F33319-5	J016964.D	10	07/30/05	MM	n/a	n/a	VJ707

The QC reported here applies to the following samples: **Method:** SW846 8260B

F33319-5

CAS No.	Compound	F33319-5 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
156-59-2	cis-1,2-Dichloroethylene	377		250	486	44*	471	38*	3	74-125/9
79-01-6	Trichloroethylene	623		250	630	3* [a]	610	-5* [a]	3	73-117/10
75-01-4	Vinyl chloride	505		250	551	18* [a]	624	48* [a]	12	63-161/18

CAS No.	Surrogate Recoveries	MS	MSD	F33319-5	Limits
1868-53-7	Dibromofluoromethane	110%	108%	105%	86-115%
17060-07-0	1,2-Dichloroethane-D4	117%	117%	104%	73-126%
2037-26-5	Toluene-D8	94%	94%	96%	86-112%
460-00-4	4-Bromofluorobenzene	98%	98%	102%	83-119%

(a) Outside control limits due to high level in sample relative to spike amount.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F33319
Account: STOLCOGJ S M Stoller
Project: Quarterly Sampling, STAR Center, Largo, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
F33593-1MS	J016995.D	1	08/01/05	MM	n/a	n/a	VJ708
F33593-1MSD	J016996.D	1	08/01/05	MM	n/a	n/a	VJ708
F33593-1	J016991.D	1	08/01/05	MM	n/a	n/a	VJ708

The QC reported here applies to the following samples: **Method:** SW846 8260B

F33319-7, F33319-8

CAS No.	Compound	F33593-1 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	ND		25	22.6	90	22.0	88	3	72-125/7
75-27-4	Bromodichloromethane	6.8		25	32.4	102	31.9	100	2	72-120/8
75-25-2	Bromoform	ND		25	21.5	86	21.9	88	2	55-127/11
108-90-7	Chlorobenzene	ND		25	24.9	100	24.2	97	3	79-113/7
75-00-3	Chloroethane	ND		25	32.6	130	31.5	126	3	56-164/14
67-66-3	Chloroform	64.9		25	90.8	104	87.9	92	3	75-120/8
110-75-8	2-Chloroethyl vinyl ether	ND		125	ND	0*	ND	0*	nc	8-137/18
56-23-5	Carbon tetrachloride	ND		25	27.6	110	26.1	104	6	56-145/12
75-34-3	1,1-Dichloroethane	ND		25	24.2	97	24.0	96	1	70-122/10
75-35-4	1,1-Dichloroethylene	ND		25	24.7	99	23.7	95	4	61-137/15
107-06-2	1,2-Dichloroethane	ND		25	26.5	106	26.7	107	1	64-124/7
78-87-5	1,2-Dichloropropane	ND		25	22.6	90	22.7	91	0	74-123/8
124-48-1	Dibromochloromethane	1.1		25	24.6	94	25.2	96	2	63-119/9
75-71-8	Dichlorodifluoromethane	ND		25	27.5	110	30.8	123	11	35-184/21
156-59-2	cis-1,2-Dichloroethylene	ND		25	21.0	84	21.0	84	0	74-125/9
10061-01-5	cis-1,3-Dichloropropene	ND		25	20.7	83	21.1	84	2	65-112/10
541-73-1	m-Dichlorobenzene	ND		25	23.8	95	23.3	93	2	74-114/7
95-50-1	o-Dichlorobenzene	ND		25	24.0	96	24.0	96	0	73-114/8
106-46-7	p-Dichlorobenzene	ND		25	24.2	97	23.7	95	2	74-112/7
156-60-5	trans-1,2-Dichloroethylene	ND		25	23.7	95	23.0	92	3	70-127/11
10061-02-6	trans-1,3-Dichloropropene	ND		25	26.0	104	26.4	106	2	59-116/11
100-41-4	Ethylbenzene	ND		25	24.2	97	23.3	93	4	73-119/8
74-83-9	Methyl bromide	ND		25	37.2	149	36.7	147	1	52-172/16
74-87-3	Methyl chloride	ND		25	25.5	102	28.2	113	10	53-155/19
75-09-2	Methylene chloride	10.3		25	34.0	95	34.2	96	1	61-129/11
1634-04-4	Methyl Tert Butyl Ether	ND		25	23.3	93	24.3	97	4	61-129/9
71-55-6	1,1,1-Trichloroethane	ND		25	26.8	107	25.5	102	5	72-133/8
79-34-5	1,1,2,2-Tetrachloroethane	ND		25	25.4	102	25.3	101	0	64-120/10
79-00-5	1,1,2-Trichloroethane	ND		25	23.9	96	23.8	95	0	72-116/9
127-18-4	Tetrachloroethylene	ND		25	23.0	92	22.4	90	3	70-126/9
108-88-3	Toluene	ND		25	24.1	96	23.4	94	3	67-123/8
79-01-6	Trichloroethylene	ND		25	24.1	96	22.7	91	6	73-117/10
75-69-4	Trichlorofluoromethane	ND		25	37.9	152	36.0	144	5	52-164/16
75-01-4	Vinyl chloride	ND		25	25.2	101	26.9	108	7	63-161/18
	m,p-Xylene	ND		50	50.0	100	48.4	97	3	74-123/7
95-47-6	o-Xylene	ND		25	24.0	96	23.6	94	2	68-123/7

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F33319
Account: STOLCOGJ S M Stoller
Project: Quarterly Sampling, STAR Center, Largo, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
F33593-1MS	J016995.D	1	08/01/05	MM	n/a	n/a	VJ708
F33593-1MSD	J016996.D	1	08/01/05	MM	n/a	n/a	VJ708
F33593-1	J016991.D	1	08/01/05	MM	n/a	n/a	VJ708

The QC reported here applies to the following samples: **Method:** SW846 8260B

F33319-7, F33319-8

CAS No.	Surrogate Recoveries	MS	MSD	F33593-1	Limits
1868-53-7	Dibromofluoromethane	111%	110%	109%	86-115%
17060-07-0	1,2-Dichloroethane-D4	124%	124%	117%	73-126%
2037-26-5	Toluene-D8	99%	100%	104%	86-112%
460-00-4	4-Bromofluorobenzene	97%	98%	105%	83-119%

GC Semi-volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries

Method Blank Summary

Job Number: F33319
Account: STOLCOGJ S M Stoller
Project: Quarterly Sampling, STAR Center, Largo, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP13886-MB	IJ24887.D	1	07/21/05	SD	07/20/05	OP13886	GIJ1188

The QC reported here applies to the following samples: **Method:** FLORIDA-PRO

F33319-7, F33319-8

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C8-C40)	ND	0.25	0.17	mg/l	

CAS No.	Surrogate Recoveries		Limits
84-15-1	o-Terphenyl	68%	50-125%

Method Blank Summary

Job Number: F33319
Account: STOLCOGJ S M Stoller
Project: Quarterly Sampling, STAR Center, Largo, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP13886-MB	OP52033.D	1	07/22/05	NJ	07/20/05	OP13886	GOP1495

The QC reported here applies to the following samples: **Method:** FLORIDA-PRO

F33319-7, F33319-8

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C8-C40)	ND	0.25	0.17	mg/l	

CAS No.	Surrogate Recoveries		Limits
84-15-1	o-Terphenyl	65%	50-125%

Blank Spike Summary

Job Number: F33319
Account: STOLCOGJ S M Stoller
Project: Quarterly Sampling, STAR Center, Largo, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP13886-BS	IJ24886.D	1	07/21/05	SD	07/20/05	OP13886	GIJ1188

The QC reported here applies to the following samples: **Method:** FLORIDA-PRO

F33319-7, F33319-8

CAS No.	Compound	Spike mg/l	BSP mg/l	BSP %	Limits
	TPH (C8-C40)	0.85	0.822	97	68-115

CAS No.	Surrogate Recoveries	BSP	Limits
84-15-1	o-Terphenyl	94%	50-125%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F33319
Account: STOLCOGJ S M Stoller
Project: Quarterly Sampling, STAR Center, Largo, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP13886-MS	IJ24901.D	1	07/22/05	SD	07/20/05	OP13886	GIJ1188
OP13886-MSD	IJ24902.D	1	07/22/05	SD	07/20/05	OP13886	GIJ1188
F33318-11	IJ24900.D	1	07/22/05	SD	07/20/05	OP13886	GIJ1188

The QC reported here applies to the following samples: **Method:** FLORIDA-PRO

F33319-7, F33319-8

CAS No.	Compound	F33318-11 mg/l	Q	Spike mg/l	MS mg/l	MS %	MSD mg/l	MSD %	RPD	Limits Rec/RPD
	TPH (C8-C40)	0.502		1.63	1.62	68	1.78	78	9	52-140/20

CAS No.	Surrogate Recoveries	MS	MSD	F33318-11	Limits
84-15-1	o-Terphenyl	69%	72%	68%	50-125%

Metals Analysis

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Matrix Spike and Duplicate Summaries
- Blank Spike and Lab Control Sample Summaries
- Serial Dilution Summaries

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: F33319
Account: STOLCOGJ - S M Stoller
Project: Quarterly Sampling, STAR Center, Largo, FL

QC Batch ID: MP8308
Matrix Type: AQUEOUS

Methods: SW846 6010B
Units: ug/l

Prep Date:				07/20/05		07/20/05
Metal	RL	IDL	MB raw	final	MB raw	final
Aluminum	200	6.6				
Antimony	5.0	1.5				
Arsenic	10	2.8	1.8	<10	1.7	<10
Barium	200	.5				
Beryllium	4.0	.3				
Cadmium	5.0	.3				
Calcium	1000	3.8	anr			
Chromium	10	.4				
Cobalt	50	.5				
Copper	25	.4				
Iron	300	7.1	anr			
Lead	5.0	1.2				
Magnesium	5000	9.9	anr			
Manganese	15	.2	anr			
Molybdenum	50	.8				
Nickel	40	1.1				
Potassium	5000	14	anr			
Selenium	10	2				
Silver	10	.6				
Sodium	5000	150	anr			
Thallium	10	1.5				
Tin	50	1.5				
Vanadium	50	.5				
Zinc	20	.6				

Associated samples MP8308: F33319-1, F33319-2, F33319-3

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: F33319
Account: STOLCOGJ - S M Stoller
Project: Quarterly Sampling, STAR Center, Largo, FL

QC Batch ID: MP8308
Matrix Type: AQUEOUS

Methods: SW846 6010B
Units: ug/l

Prep Date:			07/20/05					07/20/05	
Metal	F33336-2 Original	DUP	RPD	QC Limits	F33336-2 Original	MS	Spikelot MPFLICP	% Rec	QC Limits
Aluminum									
Antimony									
Arsenic	4.5	0.0	200.0(a)	0-12	4.5	3700	4000	92.4	83-116
Barium									
Beryllium									
Cadmium									
Calcium	anr								
Chromium									
Cobalt									
Copper									
Iron	anr								
Lead									
Magnesium	anr								
Manganese	anr								
Molybdenum									
Nickel									
Potassium	anr								
Selenium									
Silver									
Sodium	anr								
Thallium									
Tin									
Vanadium									
Zinc									

Associated samples MP8308: F33319-1, F33319-2, F33319-3

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested
(a) RPD acceptable due to low duplicate and sample concentrations.

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: F33319
Account: STOLCOGJ - S M Stoller
Project: Quarterly Sampling, STAR Center, Largo, FL

QC Batch ID: MP8308
Matrix Type: AQUEOUS

Methods: SW846 6010B
Units: ug/l

Prep Date: 07/20/05

Metal	F33336-2 Original	MSD	Spikelot MPFLICP	% Rec	MSD RPD	QC Limit
Aluminum						
Antimony						
Arsenic	4.5	3800	4000	94.9	2.7	20
Barium						
Beryllium						
Cadmium						
Calcium	anr					
Chromium						
Cobalt						
Copper						
Iron	anr					
Lead						
Magnesium	anr					
Manganese	anr					
Molybdenum						
Nickel						
Potassium	anr					
Selenium						
Silver						
Sodium	anr					
Thallium						
Tin						
Vanadium						
Zinc						

Associated samples MP8308: F33319-1, F33319-2, F33319-3

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: F33319
Account: STOLCOGJ - S M Stoller
Project: Quarterly Sampling, STAR Center, Largo, FL

QC Batch ID: MP8308
Matrix Type: AQUEOUS

Methods: SW846 6010B
Units: ug/l

Prep Date: 07/20/05

Metal	BSP Result	Spikelot MPFLICP	% Rec	QC Limits
Aluminum				
Antimony				
Arsenic	3850	4000	96.3	80-120
Barium				
Beryllium				
Cadmium				
Calcium	anr			
Chromium				
Cobalt				
Copper				
Iron	anr			
Lead				
Magnesium	anr			
Manganese	anr			
Molybdenum				
Nickel				
Potassium	anr			
Selenium				
Silver				
Sodium	anr			
Thallium				
Tin				
Vanadium				
Zinc				

Associated samples MP8308: F33319-1, F33319-2, F33319-3

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

SERIAL DILUTION RESULTS SUMMARY

Login Number: F33319
Account: STOLCOGJ - S M Stoller
Project: Quarterly Sampling, STAR Center, Largo, FL

QC Batch ID: MP8308
Matrix Type: AQUEOUS

Methods: SW846 6010B
Units: ug/l

Prep Date: 07/20/05

Metal	F33336-2 Original	SDL 1:5	RPD	QC Limits
Aluminum				
Antimony				
Arsenic	4.49	0.00	100.0(a)	0-10
Barium				
Beryllium				
Cadmium				
Calcium	anr			
Chromium				
Cobalt				
Copper				
Iron	anr			
Lead				
Magnesium	anr			
Manganese	anr			
Molybdenum				
Nickel				
Potassium	anr			
Selenium				
Silver				
Sodium	anr			
Thallium				
Tin				
Vanadium				
Zinc				

Associated samples MP8308: F33319-1, F33319-2, F33319-3

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested
(a) Percent difference acceptable due to low initial sample concentration (< 50 times IDL).

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: F33319
Account: STOLCOGJ - S M Stoller
Project: Quarterly Sampling, STAR Center, Largo, FL

QC Batch ID: MP8320
Matrix Type: AQUEOUS

Methods: SW846 6010B
Units: ug/l

Prep Date: 07/22/05

Metal	RL	IDL	MB raw	final
Aluminum	200	6.6		
Antimony	5.0	1.5		
Arsenic	10	2.8	4.5	<10
Barium	200	.5		
Beryllium	4.0	.3		
Cadmium	5.0	.3	anr	
Calcium	1000	3.8		
Chromium	10	.4		
Cobalt	50	.5		
Copper	25	.4	anr	
Iron	300	7.1		
Lead	5.0	1.2	anr	
Magnesium	5000	9.9		
Manganese	15	.2		
Molybdenum	50	.8		
Nickel	40	1.1		
Potassium	5000	14		
Selenium	10	2		
Silver	10	.6		
Sodium	5000	150		
Thallium	10	1.5		
Tin	50	1.5		
Vanadium	50	.5		
Zinc	20	.6		

Associated samples MP8320: F33319-4

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: F33319
Account: STOLCOGJ - S M Stoller
Project: Quarterly Sampling, STAR Center, Largo, FL

QC Batch ID: MP8320
Matrix Type: AQUEOUS

Methods: SW846 6010B
Units: ug/l

Prep Date:			07/22/05					07/22/05	
Metal	F33348-2 Original	DUP	RPD	QC Limits	F33348-2 Original	MS	Spikelot MPFLICP	% Rec	QC Limits
Aluminum									
Antimony									
Arsenic	3.1	3.0	3.3	0-12	3.1	3740	4000	93.4	83-116
Barium									
Beryllium									
Cadmium	anr								
Calcium									
Chromium									
Cobalt									
Copper	anr								
Iron									
Lead	anr								
Magnesium									
Manganese									
Molybdenum									
Nickel									
Potassium									
Selenium									
Silver									
Sodium									
Thallium									
Tin									
Vanadium									
Zinc									

Associated samples MP8320: F33319-4

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: F33319
Account: STOLCOGJ - S M Stoller
Project: Quarterly Sampling, STAR Center, Largo, FL

QC Batch ID: MP8320
Matrix Type: AQUEOUS

Methods: SW846 6010B
Units: ug/l

Prep Date: 07/22/05

Metal	F33348-2 Original	MSD	Spikelot MPFLICP	% Rec	MSD RPD	QC Limit
Aluminum						
Antimony						
Arsenic	3.1	3820	4000	95.4	2.1	20
Barium						
Beryllium						
Cadmium	anr					
Calcium						
Chromium						
Cobalt						
Copper	anr					
Iron						
Lead	anr					
Magnesium						
Manganese						
Molybdenum						
Nickel						
Potassium						
Selenium						
Silver						
Sodium						
Thallium						
Tin						
Vanadium						
Zinc						

Associated samples MP8320: F33319-4

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: F33319
Account: STOLCOGJ - S M Stoller
Project: Quarterly Sampling, STAR Center, Largo, FL

QC Batch ID: MP8320
Matrix Type: AQUEOUS

Methods: SW846 6010B
Units: ug/l

Prep Date: 07/22/05

Metal	BSP Result	Spikelot MPFLICP	% Rec	QC Limits
Aluminum				
Antimony				
Arsenic	3830	4000	95.8	80-120
Barium				
Beryllium				
Cadmium	anr			
Calcium				
Chromium				
Cobalt				
Copper	anr			
Iron				
Lead	anr			
Magnesium				
Manganese				
Molybdenum				
Nickel				
Potassium				
Selenium				
Silver				
Sodium				
Thallium				
Tin				
Vanadium				
Zinc				

Associated samples MP8320: F33319-4

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

SERIAL DILUTION RESULTS SUMMARY

Login Number: F33319
Account: STOLCOGJ - S M Stoller
Project: Quarterly Sampling, STAR Center, Largo, FL

QC Batch ID: MP8320
Matrix Type: AQUEOUS

Methods: SW846 6010B
Units: ug/l

Prep Date: 07/22/05

Metal	F33348-2 Original	SDL 1:5	RPD	QC Limits
Aluminum				
Antimony				
Arsenic	3.06	0.00	100.0(a)	0-10
Barium				
Beryllium				
Cadmium	anr			
Calcium				
Chromium				
Cobalt				
Copper	anr			
Iron				
Lead	anr			
Magnesium				
Manganese				
Molybdenum				
Nickel				
Potassium				
Selenium				
Silver				
Sodium				
Thallium				
Tin				
Vanadium				
Zinc				

Associated samples MP8320: F33319-4

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested
(a) Percent difference acceptable due to low initial sample concentration (< 50 times IDL).

Southeast ACCUTEST Laboratories

10/24/05

Technical Report for

S M Stoller

Quarterly Sampling, STAR Center, Largo, FL

7030-226

Accutest Job Number: F33345

Sampling Dates: 07/18/05 - 07/19/05

Report to:

S M Stoller

Cathy.Kelleher@gjo.doe.gov

ATTN: Cathy Kelleher

Total number of pages in report: **38**

ACCREDITED IN ACCORDANCE WITH nelac

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Conference and/or state specific certification programs as applicable.

Harry Behzadi, Ph.D.
Laboratory Director

Certifications: FL (DOH E83510), NC (573), NJ (FL002), MA (FL946), IA (366), LA (03051), KS (E-10327), SC, AK

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Accutest LabLink@41810 12:13 24-Oct-2005

Sample Summary

S M Stoller

Job No: F33345

Quarterly Sampling, STAR Center, Largo, FL
Project No: 7030-226

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
F33345-1	07/18/05	13:05	SC	07/19/05	AQ	Ground Water	PIN24-0511-N001
F33345-2	07/18/05	12:50	SC	07/19/05	AQ	Ground Water	PIN15-0575-N001
F33345-3	07/18/05	13:35	SC	07/19/05	AQ	Ground Water	PIN15-0576-N001
F33345-4	07/18/05	14:10	SC	07/19/05	AQ	Ground Water	PIN15-0574-N001
F33345-5	07/18/05	14:50	SC	07/19/05	AQ	Ground Water	PIN15-0573-N001
F33345-6	07/19/05	11:15	SC	07/19/05	AQ	Ground Water	PIN20-M060-N001

SAMPLE DELIVERY GROUP CASE NARRATIVE

Client: S M Stoller **Job No:** F33345

Site: Quarterly Sampling, STAR Center, Largo, FL **Report Date** 8/5/2005

6 Samples were collected on between 07/18/2005 and 07/19/2005 and were received at Accutest on 07/19/2005 properly preserved, at 1.8 Deg. C and intact. These Samples received an Accutest job number of F33345.A listing of the Laboratory Sample ID, Client Sample ID and dates of collection are presented in the Results Summary Section of this report.

Except as noted below, all method specified calibrations and quality control performance criteria were met for this job. For more information, please refer to QC summary pages.

Volatiles by GCMS By Method SW846 8260B

Matrix: AQ **Batch ID:** VJ707

Samples F33319-5MS, F33319-5MSD were used as the QC samples indicated.

All method blanks for this batch meet method specific criteria.

MS/MSD recoveries for cis-1,2-Dichloroethylene, Trichloroethylene, Vinyl chloride are outside control limits. Probable cause due to matrix interference.
RPDs for MS/MSD for 2-Chloroethyl vinyl ether, m-Dichlorobenzene are outside control limits for sample F33319-5MSD, F33319-5MSD. Probable cause due to sample homogeneity.

Matrix: AQ **Batch ID:** VM275

Samples F33546-1MS, F33546-1MSD were used as the QC samples indicated.

All method blanks for this batch meet method specific criteria.

Extractables by GC By Method FLORIDA-PRO

Matrix: AQ **Batch ID:** OP13900

Samples F33345-3MS, F33345-3MSD were used as the QC samples indicated.

All method blanks for this batch meet method specific criteria.

Accutest Laboratories Southeast (ALSE) certifies that this report meets the project requirements for analytical data produced for the samples as received at ALSE and as stated on the COC. ALSE certifies that the data meets the Data QualityObjectives for precision, accuracy and completeness as specified in the ALSE Quality Manual except as noted above. This report is to be used in its entirety. ALSE is not responsible for any assumptions of data quality if partial data packages are used.

Narrative prepared by:

Date: August 08, 2005

Sue O. Bell, Project Manager (signature on file)

Report of Analysis

Client Sample ID:	PIN24-0511-N001		
Lab Sample ID:	F33345-1	**Date Sampled:**	07/18/05
Matrix:	AQ - Ground Water	**Date Received:**	07/19/05
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Quarterly Sampling, STAR Center, Largo, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	J016968.D	1	07/30/05	MM	n/a	n/a	VJ707
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	0.50 U	1.0	0.50	ug/l	
75-27-4	Bromodichloromethane	0.50 U	1.0	0.50	ug/l	
75-25-2	Bromoform	0.50 U	1.0	0.50	ug/l	
108-90-7	Chlorobenzene	0.50 U	1.0	0.50	ug/l	
75-00-3	Chloroethane	1.0 U	2.0	1.0	ug/l	
67-66-3	Chloroform	0.50 U	1.0	0.50	ug/l	
110-75-8	2-Chloroethyl vinyl ether	2.5 U	5.0	2.5	ug/l	
56-23-5	Carbon tetrachloride	0.50 U	1.0	0.50	ug/l	
75-34-3	1,1-Dichloroethane	0.50 U	1.0	0.50	ug/l	
75-35-4	1,1-Dichloroethylene	0.50 U	1.0	0.50	ug/l	
107-06-2	1,2-Dichloroethane	0.50 U	1.0	0.50	ug/l	
78-87-5	1,2-Dichloropropane	0.50 U	1.0	0.50	ug/l	
124-48-1	Dibromochloromethane	0.40 U	1.0	0.40	ug/l	
75-71-8	Dichlorodifluoromethane	0.50 U	1.0	0.50	ug/l	
156-59-2	cis-1,2-Dichloroethylene	0.50 U	1.0	0.50	ug/l	
10061-01-5	cis-1,3-Dichloropropene	0.30 U	1.0	0.30	ug/l	
541-73-1	m-Dichlorobenzene	0.50 U	1.0	0.50	ug/l	
95-50-1	o-Dichlorobenzene	0.50 U	1.0	0.50	ug/l	
106-46-7	p-Dichlorobenzene	0.50 U	1.0	0.50	ug/l	
156-60-5	trans-1,2-Dichloroethylene	0.50 U	1.0	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	0.30 U	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	0.50 U	1.0	0.50	ug/l	
74-83-9	Methyl bromide	1.0 U	2.0	1.0	ug/l	
74-87-3	Methyl chloride	1.0 U	2.0	1.0	ug/l	
75-09-2	Methylene chloride	1.0 U	5.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	0.50 U	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	0.50 U	1.0	0.50	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	0.30 U	1.0	0.30	ug/l	
79-00-5	1,1,2-Trichloroethane	0.50 U	1.0	0.50	ug/l	
127-18-4	Tetrachloroethylene	0.50 U	1.0	0.50	ug/l	
108-88-3	Toluene	0.50 U	1.0	0.50	ug/l	
79-01-6	Trichloroethylene	0.50 U	1.0	0.50	ug/l	

U = Not detected MDL - Method Detection Limit
RL = Reporting Limit
L = Indicates value exceeds calibration range

I = Result > = MDL but < RL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	PIN24-0511-N001		
Lab Sample ID:	F33345-1	**Date Sampled:**	07/18/05
Matrix:	AQ - Ground Water	**Date Received:**	07/19/05
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Quarterly Sampling, STAR Center, Largo, FL		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-69-4	Trichlorofluoromethane	0.60 U	2.0	0.60	ug/l	
75-01-4	Vinyl chloride	0.50 U	1.0	0.50	ug/l	
	m,p-Xylene	0.50 U	2.0	0.50	ug/l	
95-47-6	o-Xylene	0.50 U	1.0	0.50	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	109%		86-115%
17060-07-0	1,2-Dichloroethane-D4	113%		73-126%
2037-26-5	Toluene-D8	96%		86-112%
460-00-4	4-Bromofluorobenzene	109%		83-119%

U = Not detected MDL - Method Detection Limit
RL = Reporting Limit
L = Indicates value exceeds calibration range

I = Result > = MDL but < RL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	PIN15-0575-N001		
Lab Sample ID:	F33345-2	**Date Sampled:**	07/18/05
Matrix:	AQ - Ground Water	**Date Received:**	07/19/05
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Quarterly Sampling, STAR Center, Largo, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	J016974.D	1	07/30/05	MM	n/a	n/a	VJ707
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	1.4	1.0	0.50	ug/l	
75-27-4	Bromodichloromethane	0.50 U	1.0	0.50	ug/l	
75-25-2	Bromoform	0.50 U	1.0	0.50	ug/l	
108-90-7	Chlorobenzene	0.50 U	1.0	0.50	ug/l	
75-00-3	Chloroethane	1.0 U	2.0	1.0	ug/l	
67-66-3	Chloroform	0.50 U	1.0	0.50	ug/l	
110-75-8	2-Chloroethyl vinyl ether	2.5 U	5.0	2.5	ug/l	
56-23-5	Carbon tetrachloride	0.50 U	1.0	0.50	ug/l	
75-34-3	1,1-Dichloroethane	0.50 U	1.0	0.50	ug/l	
75-35-4	1,1-Dichloroethylene	0.50 U	1.0	0.50	ug/l	
107-06-2	1,2-Dichloroethane	0.50 U	1.0	0.50	ug/l	
78-87-5	1,2-Dichloropropane	0.50 U	1.0	0.50	ug/l	
124-48-1	Dibromochloromethane	0.40 U	1.0	0.40	ug/l	
75-71-8	Dichlorodifluoromethane	0.50 U	1.0	0.50	ug/l	
156-59-2	cis-1,2-Dichloroethylene	0.50 U	1.0	0.50	ug/l	
10061-01-5	cis-1,3-Dichloropropene	0.30 U	1.0	0.30	ug/l	
541-73-1	m-Dichlorobenzene	0.50 U	1.0	0.50	ug/l	
95-50-1	o-Dichlorobenzene	0.50 U	1.0	0.50	ug/l	
106-46-7	p-Dichlorobenzene	0.50 U	1.0	0.50	ug/l	
156-60-5	trans-1,2-Dichloroethylene	2.1	1.0	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	0.30 U	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	0.50 U	1.0	0.50	ug/l	
74-83-9	Methyl bromide	1.0 U	2.0	1.0	ug/l	
74-87-3	Methyl chloride	1.0 U	2.0	1.0	ug/l	
75-09-2	Methylene chloride	1.0 U	5.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	0.50 U	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	0.50 U	1.0	0.50	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	0.30 U	1.0	0.30	ug/l	
79-00-5	1,1,2-Trichloroethane	0.50 U	1.0	0.50	ug/l	
127-18-4	Tetrachloroethylene	0.50 U	1.0	0.50	ug/l	
108-88-3	Toluene	1.2	1.0	0.50	ug/l	
79-01-6	Trichloroethylene	0.50 U	1.0	0.50	ug/l	

U = Not detected MDL - Method Detection Limit
RL = Reporting Limit
L = Indicates value exceeds calibration range

I = Result > = MDL but < RL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	PIN15-0575-N001		
Lab Sample ID:	F33345-2	**Date Sampled:**	07/18/05
Matrix:	AQ - Ground Water	**Date Received:**	07/19/05
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Quarterly Sampling, STAR Center, Largo, FL		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-69-4	Trichlorofluoromethane	0.60 U	2.0	0.60	ug/l	
75-01-4	Vinyl chloride	15.7	1.0	0.50	ug/l	
	m,p-Xylene	0.50 U	2.0	0.50	ug/l	
95-47-6	o-Xylene	0.50 U	1.0	0.50	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	107%		86-115%
17060-07-0	1,2-Dichloroethane-D4	115%		73-126%
2037-26-5	Toluene-D8	103%		86-112%
460-00-4	4-Bromofluorobenzene	111%		83-119%

U = Not detected MDL - Method Detection Limit
RL = Reporting Limit
L = Indicates value exceeds calibration range

I = Result > = MDL but < RL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	PIN15-0575-N001		
Lab Sample ID:	F33345-2	**Date Sampled:**	07/18/05
Matrix:	AQ - Ground Water	**Date Received:**	07/19/05
Method:	FLORIDA-PRO SW846 3510C	**Percent Solids:**	n/a
Project:	Quarterly Sampling, STAR Center, Largo, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	OP52043.D	5	07/23/05	SD	07/21/05	OP13900	GOP1496
Run #2							

	Initial Volume	Final Volume
Run #1	1010 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C8-C40)	5.78	1.2	0.84	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	92%		50-125%

U = Not detected MDL - Method Detection Limit
RL = Reporting Limit
L = Indicates value exceeds calibration range

I = Result > = MDL but < RL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	PIN15-0576-N001		
Lab Sample ID:	F33345-3	**Date Sampled:**	07/18/05
Matrix:	AQ - Ground Water	**Date Received:**	07/19/05
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Quarterly Sampling, STAR Center, Largo, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	J016975.D	1	07/30/05	MM	n/a	n/a	VJ707
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	0.50 U	1.0	0.50	ug/l	
75-27-4	Bromodichloromethane	0.50 U	1.0	0.50	ug/l	
75-25-2	Bromoform	0.50 U	1.0	0.50	ug/l	
108-90-7	Chlorobenzene	0.50 U	1.0	0.50	ug/l	
75-00-3	Chloroethane	1.0 U	2.0	1.0	ug/l	
67-66-3	Chloroform	0.50 U	1.0	0.50	ug/l	
110-75-8	2-Chloroethyl vinyl ether	2.5 U	5.0	2.5	ug/l	
56-23-5	Carbon tetrachloride	0.50 U	1.0	0.50	ug/l	
75-34-3	1,1-Dichloroethane	0.50 U	1.0	0.50	ug/l	
75-35-4	1,1-Dichloroethylene	0.50 U	1.0	0.50	ug/l	
107-06-2	1,2-Dichloroethane	0.50 U	1.0	0.50	ug/l	
78-87-5	1,2-Dichloropropane	0.50 U	1.0	0.50	ug/l	
124-48-1	Dibromochloromethane	0.40 U	1.0	0.40	ug/l	
75-71-8	Dichlorodifluoromethane	0.50 U	1.0	0.50	ug/l	
156-59-2	cis-1,2-Dichloroethylene	46.8	1.0	0.50	ug/l	
10061-01-5	cis-1,3-Dichloropropene	0.30 U	1.0	0.30	ug/l	
541-73-1	m-Dichlorobenzene	0.50 U	1.0	0.50	ug/l	
95-50-1	o-Dichlorobenzene	0.50 U	1.0	0.50	ug/l	
106-46-7	p-Dichlorobenzene	0.50 U	1.0	0.50	ug/l	
156-60-5	trans-1,2-Dichloroethylene	0.62	1.0	0.50	ug/l	I
10061-02-6	trans-1,3-Dichloropropene	0.30 U	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	0.50 U	1.0	0.50	ug/l	
74-83-9	Methyl bromide	1.0 U	2.0	1.0	ug/l	
74-87-3	Methyl chloride	1.0 U	2.0	1.0	ug/l	
75-09-2	Methylene chloride	1.0 U	5.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	0.50 U	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	0.50 U	1.0	0.50	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	0.30 U	1.0	0.30	ug/l	
79-00-5	1,1,2-Trichloroethane	0.50 U	1.0	0.50	ug/l	
127-18-4	Tetrachloroethylene	0.50 U	1.0	0.50	ug/l	
108-88-3	Toluene	0.50 U	1.0	0.50	ug/l	
79-01-6	Trichloroethylene	1.1	1.0	0.50	ug/l	

U = Not detected MDL - Method Detection Limit
RL = Reporting Limit
L = Indicates value exceeds calibration range

I = Result > = MDL but < RL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	PIN15-0576-N001		
Lab Sample ID:	F33345-3	**Date Sampled:**	07/18/05
Matrix:	AQ - Ground Water	**Date Received:**	07/19/05
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Quarterly Sampling, STAR Center, Largo, FL		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-69-4	Trichlorofluoromethane	0.60 U	2.0	0.60	ug/l	
75-01-4	Vinyl chloride	63.1	1.0	0.50	ug/l	
	m,p-Xylene	0.50 U	2.0	0.50	ug/l	
95-47-6	o-Xylene	0.50 U	1.0	0.50	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	107%		86-115%
17060-07-0	1,2-Dichloroethane-D4	114%		73-126%
2037-26-5	Toluene-D8	104%		86-112%
460-00-4	4-Bromofluorobenzene	110%		83-119%

U = Not detected MDL - Method Detection Limit
RL = Reporting Limit
L = Indicates value exceeds calibration range

I = Result > = MDL but < RL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	PIN15-0576-N001		
Lab Sample ID:	F33345-3	**Date Sampled:**	07/18/05
Matrix:	AQ - Ground Water	**Date Received:**	07/19/05
Method:	FLORIDA-PRO SW846 3510C	**Percent Solids:**	n/a
Project:	Quarterly Sampling, STAR Center, Largo, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	IJ24924.D	1	07/22/05	NJ	07/21/05	OP13900	GIJ1189
Run #2							

	Initial Volume	Final Volume
Run #1	1020 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C8-C40)	1.17	0.25	0.17	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	85%		50-125%

U = Not detected MDL - Method Detection Limit
RL = Reporting Limit
L = Indicates value exceeds calibration range

I = Result > = MDL but < RL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	PIN15-0574-N001		
Lab Sample ID:	F33345-4	**Date Sampled:**	07/18/05
Matrix:	AQ - Ground Water	**Date Received:**	07/19/05
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Quarterly Sampling, STAR Center, Largo, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	J016976.D	1	07/30/05	MM	n/a	n/a	VJ707
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	0.50 U	1.0	0.50	ug/l	
75-27-4	Bromodichloromethane	0.50 U	1.0	0.50	ug/l	
75-25-2	Bromoform	0.50 U	1.0	0.50	ug/l	
108-90-7	Chlorobenzene	0.50 U	1.0	0.50	ug/l	
75-00-3	Chloroethane	1.0 U	2.0	1.0	ug/l	
67-66-3	Chloroform	0.50 U	1.0	0.50	ug/l	
110-75-8	2-Chloroethyl vinyl ether	2.5 U	5.0	2.5	ug/l	
56-23-5	Carbon tetrachloride	0.50 U	1.0	0.50	ug/l	
75-34-3	1,1-Dichloroethane	0.50 U	1.0	0.50	ug/l	
75-35-4	1,1-Dichloroethylene	0.50 U	1.0	0.50	ug/l	
107-06-2	1,2-Dichloroethane	0.50 U	1.0	0.50	ug/l	
78-87-5	1,2-Dichloropropane	0.50 U	1.0	0.50	ug/l	
124-48-1	Dibromochloromethane	0.40 U	1.0	0.40	ug/l	
75-71-8	Dichlorodifluoromethane	0.50 U	1.0	0.50	ug/l	
156-59-2	cis-1,2-Dichloroethylene	22.2	1.0	0.50	ug/l	
10061-01-5	cis-1,3-Dichloropropene	0.30 U	1.0	0.30	ug/l	
541-73-1	m-Dichlorobenzene	0.50 U	1.0	0.50	ug/l	
95-50-1	o-Dichlorobenzene	0.50 U	1.0	0.50	ug/l	
106-46-7	p-Dichlorobenzene	0.50 U	1.0	0.50	ug/l	
156-60-5	trans-1,2-Dichloroethylene	0.50 U	1.0	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	0.30 U	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	0.50 U	1.0	0.50	ug/l	
74-83-9	Methyl bromide	1.0 U	2.0	1.0	ug/l	
74-87-3	Methyl chloride	1.0 U	2.0	1.0	ug/l	
75-09-2	Methylene chloride	1.0 U	5.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	0.50 U	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	0.50 U	1.0	0.50	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	0.30 U	1.0	0.30	ug/l	
79-00-5	1,1,2-Trichloroethane	0.50 U	1.0	0.50	ug/l	
127-18-4	Tetrachloroethylene	0.50 U	1.0	0.50	ug/l	
108-88-3	Toluene	0.50 U	1.0	0.50	ug/l	
79-01-6	Trichloroethylene	16.3	1.0	0.50	ug/l	

U = Not detected MDL - Method Detection Limit
RL = Reporting Limit
L = Indicates value exceeds calibration range

I = Result > = MDL but < RL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	PIN15-0574-N001		
Lab Sample ID:	F33345-4	**Date Sampled:**	07/18/05
Matrix:	AQ - Ground Water	**Date Received:**	07/19/05
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Quarterly Sampling, STAR Center, Largo, FL		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-69-4	Trichlorofluoromethane	0.60 U	2.0	0.60	ug/l	
75-01-4	Vinyl chloride	7.7	1.0	0.50	ug/l	
	m,p-Xylene	0.50 U	2.0	0.50	ug/l	
95-47-6	o-Xylene	0.50 U	1.0	0.50	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	107%		86-115%
17060-07-0	1,2-Dichloroethane-D4	115%		73-126%
2037-26-5	Toluene-D8	103%		86-112%
460-00-4	4-Bromofluorobenzene	107%		83-119%

U = Not detected MDL - Method Detection Limit
RL = Reporting Limit
L = Indicates value exceeds calibration range

I = Result > = MDL but < RL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	PIN15-0574-N001		
Lab Sample ID:	F33345-4	**Date Sampled:**	07/18/05
Matrix:	AQ - Ground Water	**Date Received:**	07/19/05
Method:	FLORIDA-PRO SW846 3510C	**Percent Solids:**	n/a
Project:	Quarterly Sampling, STAR Center, Largo, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	IJ24927.D	1	07/22/05	NJ	07/21/05	OP13900	GIJ1189
Run #2							

	Initial Volume	Final Volume
Run #1	1010 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C8-C40)	0.386	0.25	0.17	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	80%		50-125%

U = Not detected MDL - Method Detection Limit
RL = Reporting Limit
L = Indicates value exceeds calibration range

I = Result > = MDL but < RL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	PIN15-0573-N001		
Lab Sample ID:	F33345-5	**Date Sampled:**	07/18/05
Matrix:	AQ - Ground Water	**Date Received:**	07/19/05
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Quarterly Sampling, STAR Center, Largo, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	J016977.D	1	07/30/05	MM	n/a	n/a	VJ707
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	0.50 U	1.0	0.50	ug/l	
75-27-4	Bromodichloromethane	0.50 U	1.0	0.50	ug/l	
75-25-2	Bromoform	0.50 U	1.0	0.50	ug/l	
108-90-7	Chlorobenzene	0.50 U	1.0	0.50	ug/l	
75-00-3	Chloroethane	1.0 U	2.0	1.0	ug/l	
67-66-3	Chloroform	0.50 U	1.0	0.50	ug/l	
110-75-8	2-Chloroethyl vinyl ether	2.5 U	5.0	2.5	ug/l	
56-23-5	Carbon tetrachloride	0.50 U	1.0	0.50	ug/l	
75-34-3	1,1-Dichloroethane	0.50 U	1.0	0.50	ug/l	
75-35-4	1,1-Dichloroethylene	0.50 U	1.0	0.50	ug/l	
107-06-2	1,2-Dichloroethane	0.50 U	1.0	0.50	ug/l	
78-87-5	1,2-Dichloropropane	0.50 U	1.0	0.50	ug/l	
124-48-1	Dibromochloromethane	0.40 U	1.0	0.40	ug/l	
75-71-8	Dichlorodifluoromethane	0.50 U	1.0	0.50	ug/l	
156-59-2	cis-1,2-Dichloroethylene	0.50 U	1.0	0.50	ug/l	
10061-01-5	cis-1,3-Dichloropropene	0.30 U	1.0	0.30	ug/l	
541-73-1	m-Dichlorobenzene	0.50 U	1.0	0.50	ug/l	
95-50-1	o-Dichlorobenzene	0.50 U	1.0	0.50	ug/l	
106-46-7	p-Dichlorobenzene	0.50 U	1.0	0.50	ug/l	
156-60-5	trans-1,2-Dichloroethylene	0.50 U	1.0	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	0.30 U	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	0.50 U	1.0	0.50	ug/l	
74-83-9	Methyl bromide	1.0 U	2.0	1.0	ug/l	
74-87-3	Methyl chloride	1.0 U	2.0	1.0	ug/l	
75-09-2	Methylene chloride	1.0 U	5.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	0.50 U	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	0.50 U	1.0	0.50	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	0.30 U	1.0	0.30	ug/l	
79-00-5	1,1,2-Trichloroethane	0.50 U	1.0	0.50	ug/l	
127-18-4	Tetrachloroethylene	0.50 U	1.0	0.50	ug/l	
108-88-3	Toluene	1.2	1.0	0.50	ug/l	
79-01-6	Trichloroethylene	0.50 U	1.0	0.50	ug/l	

U = Not detected MDL - Method Detection Limit
RL = Reporting Limit
L = Indicates value exceeds calibration range

I = Result > = MDL but < RL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	PIN15-0573-N001		
Lab Sample ID:	F33345-5	**Date Sampled:**	07/18/05
Matrix:	AQ - Ground Water	**Date Received:**	07/19/05
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Quarterly Sampling, STAR Center, Largo, FL		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-69-4	Trichlorofluoromethane	0.60 U	2.0	0.60	ug/l	
75-01-4	Vinyl chloride	22.4	1.0	0.50	ug/l	
	m,p-Xylene	0.50 U	2.0	0.50	ug/l	
95-47-6	o-Xylene	0.50 U	1.0	0.50	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	108%		86-115%
17060-07-0	1,2-Dichloroethane-D4	116%		73-126%
2037-26-5	Toluene-D8	104%		86-112%
460-00-4	4-Bromofluorobenzene	107%		83-119%

U = Not detected MDL - Method Detection Limit
RL = Reporting Limit
L = Indicates value exceeds calibration range

I = Result > = MDL but < RL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	PIN15-0573-N001		
Lab Sample ID:	F33345-5	**Date Sampled:**	07/18/05
Matrix:	AQ - Ground Water	**Date Received:**	07/19/05
Method:	FLORIDA-PRO SW846 3510C	**Percent Solids:**	n/a
Project:	Quarterly Sampling, STAR Center, Largo, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	IJ24928.D	1	07/22/05	NJ	07/21/05	OP13900	GIJ1189
Run #2							

	Initial Volume	Final Volume
Run #1	980 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C8-C40)	2.09	0.26	0.17	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	85%		50-125%

U = Not detected MDL - Method Detection Limit
RL = Reporting Limit
L = Indicates value exceeds calibration range

I = Result > = MDL but < RL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	PIN20-M060-N001		
Lab Sample ID:	F33345-6	**Date Sampled:**	07/19/05
Matrix:	AQ - Ground Water	**Date Received:**	07/19/05
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Quarterly Sampling, STAR Center, Largo, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	J016978.D	1	07/30/05	MM	n/a	n/a	VJ707
Run #2	M0006386.D	2	08/02/05	KK	n/a	n/a	VM275

	Purge Volume
Run #1	5.0 ml
Run #2	5.0 ml

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	0.50 U	1.0	0.50	ug/l	
75-27-4	Bromodichloromethane	0.50 U	1.0	0.50	ug/l	
75-25-2	Bromoform	0.50 U	1.0	0.50	ug/l	
108-90-7	Chlorobenzene	0.50 U	1.0	0.50	ug/l	
75-00-3	Chloroethane	1.0 U	2.0	1.0	ug/l	
67-66-3	Chloroform	0.50 U	1.0	0.50	ug/l	
110-75-8	2-Chloroethyl vinyl ether	2.5 U	5.0	2.5	ug/l	
56-23-5	Carbon tetrachloride	0.50 U	1.0	0.50	ug/l	
75-34-3	1,1-Dichloroethane	0.50 U	1.0	0.50	ug/l	
75-35-4	1,1-Dichloroethylene	2.4	1.0	0.50	ug/l	
107-06-2	1,2-Dichloroethane	0.50 U	1.0	0.50	ug/l	
78-87-5	1,2-Dichloropropane	0.50 U	1.0	0.50	ug/l	
124-48-1	Dibromochloromethane	0.40 U	1.0	0.40	ug/l	
75-71-8	Dichlorodifluoromethane	0.50 U	1.0	0.50	ug/l	
156-59-2	cis-1,2-Dichloroethylene	102 [a]	2.0	1.0	ug/l	
10061-01-5	cis-1,3-Dichloropropene	0.30 U	1.0	0.30	ug/l	
541-73-1	m-Dichlorobenzene	0.50 U	1.0	0.50	ug/l	
95-50-1	o-Dichlorobenzene	0.50 U	1.0	0.50	ug/l	
106-46-7	p-Dichlorobenzene	0.50 U	1.0	0.50	ug/l	
156-60-5	trans-1,2-Dichloroethylene	23.4	1.0	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	0.30 U	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	0.50 U	1.0	0.50	ug/l	
74-83-9	Methyl bromide	1.0 U	2.0	1.0	ug/l	
74-87-3	Methyl chloride	1.0 U	2.0	1.0	ug/l	
75-09-2	Methylene chloride	1.0 U	5.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	0.50 U	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	0.50 U	1.0	0.50	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	0.30 U	1.0	0.30	ug/l	
79-00-5	1,1,2-Trichloroethane	0.50 U	1.0	0.50	ug/l	
127-18-4	Tetrachloroethylene	0.50 U	1.0	0.50	ug/l	
108-88-3	Toluene	0.50 U	1.0	0.50	ug/l	
79-01-6	Trichloroethylene	0.50 U	1.0	0.50	ug/l	

U = Not detected MDL - Method Detection Limit
RL = Reporting Limit
L = Indicates value exceeds calibration range

I = Result > = MDL but < RL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	PIN20-M060-N001		
Lab Sample ID:	F33345-6	**Date Sampled:**	07/19/05
Matrix:	AQ - Ground Water	**Date Received:**	07/19/05
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Quarterly Sampling, STAR Center, Largo, FL		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-69-4	Trichlorofluoromethane	0.60 U	2.0	0.60	ug/l	
75-01-4	Vinyl chloride	75.2	1.0	0.50	ug/l	
	m,p-Xylene	0.50 U	2.0	0.50	ug/l	
95-47-6	o-Xylene	0.50 U	1.0	0.50	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	109%	101%	86-115%
17060-07-0	1,2-Dichloroethane-D4	117%	92%	73-126%
2037-26-5	Toluene-D8	103%	101%	86-112%
460-00-4	4-Bromofluorobenzene	110%	102%	83-119%

(a) Result is from Run# 2

U = Not detected MDL - Method Detection Limit I = Result > = MDL but < RL J = Estimated value
RL = Reporting Limit V = Indicates analyte found in associated method blank
L = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

Young-Rainey Star Center 4.5 Acre Quarterly Sampling

S.M. Stoller, 7887 Bryan Dairy Rd. Suite 260, Largo, FL 33777, tel. 727-541-8103, fax 727-549-1121

4405 Vineland Rd. Suite C-15, Orlando, FL 32811, tel. 407-425-0700 fax 407-425-0707

F33345

Sample Matrix is Groundwater, samples are preserved on ice. Temp._____ C

Sample number	Sample ID	Date	Time	Sampled by	No. Bottles	VOC 8260 preserved w/HCl	Arsenic preserved w/HNO3	FI-Pro preserved w/HCl				Samplers Notes	Lab Use Only
1	PIN24-0511-N001	7/18/05	1305	SC	3	3							
2	PIN15-0575-N001	7/18/05	1250	SC	5	3		2					
3	PIN15-0576-N001	7/18/05	1335	SC	5	3		2					
4	PIN15-0574-N001	7/18/05	1410	SC	5	3		2					
5	PIN18-0573-N001	7/18/05	1450	SC	5	3		2					
6	PIN20-M060-N001	7/19/05	1115	SC	3	3							

7/19/05

This is a preprinted list. Samples not included in this shipment are lined out

Relinquished by Sampler	Date	Time	Received by Courier	Date	Time
Dale M. Montgomery	7/19/05	1345	Stephen C. Mary	7-19-05	1345
Relinquished by Courier	**Date**	**Time**	**Received by Laboratory**	**Date**	**Time**
Stephen C. Mary	7-19-05	3:15p	Carlos A	7-19-05	1720

Data Turnaround	
std	
48 hr	
24 hr	

F33345: Chain of Custody

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ACCUTEST LABORATORIES SAMPLE RECEIPT CONFIRMATION

ACCUTEST'S JOB NUMBER: F33345 CLIENT: S.M. Stoller PROJECT: Young Rainey Stan

DATE/TIME RECEIVED: 7/19/05 17:00 # OF COOLERS RECEIVED: 1 COOLER TEMPS: 1.8

METHOD OF DELIVERY: FEDEX UPS (ACCUTEST COURIER) GREYHOUND DELIVERY OTHER

AIRBILL NUMBERS:

COOLER INFORMATION

- [ ] CUSTODY SEAL NOT PRESENT OR NOT INTACT
- [ ] NO COC RECEIVED
- [ ] ANALYSIS REQUESTED IS UNCLEAR OR MISSING
- [ ] SAMPLE DATES OR TIMES UNCLEAR OR MISSING
- [ ] TEMPERATURE CRITERIA NOT MET

TRIP BLANK INFORMATION

- [x] TRIP BLANK NOT PROVIDED
- [ ] TRIP BLANK NOT ON COC
- [ ] TRIP BLANK INTACT
- [ ] TRIP BLANK NOT INTACT
- [ ] RECEIVED WATER TRIP BLANK
- [ ] RECEIVED SOIL TRIP BLANK

SAMPLE INFORMATION

- [ ] SAMPLE LABELS PRESENT ON ALL BOTTLES
- [ ] CORRECT NUMBER OF CONTAINERS USED
- [ ] SAMPLE RECEIVED IMPROPERLY PRESERVED
- [ ] INSUFFICIENT VOLUME FOR ANALYSIS
- [ ] TIMES ON COC DON'T MATCH LABEL
- [ ] ID'S ON COC DON'T MATCH LABEL
- [ ] VOC VIALS HAVE HEADSPACE (MACRO BUBBLES)
- [ ] BOTTLES RECEIVED BUT ANALYSIS NOT REQUESTED
- [ ] NO BOTTLES RECEIVED FOR ANALYSIS REQUESTED
- [ ] UNCLEAR FILTERING INSTRUCTIONS
- [ ] UNCLEAR COMPOSITING INSTRUCTIONS
- [ ] SAMPLE(S) RECEIVED BROKEN
- [ ] % SOLIDS JAR NOT RECEIVED

SOIL INFORMATION

NUMBER OF ENCORES ? Ø

NUMBER OF 5035 FIELD KITS ? Ø

SUMMARY OF COMMENTS:

TECHNICIAN SIGNATURE/DATE cp 7/19/05 TECHNICIAN SIGNATURE/DATE [illegible] 7-19-05

ASBD06/22/05

4.1

4

F33345: Chain of Custody

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GC/MS Volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries

Method Blank Summary

Job Number: F33345
Account: STOLCOGJ S M Stoller
Project: Quarterly Sampling, STAR Center, Largo, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VJ707-MB	J016961.D	1	07/30/05	MM	n/a	n/a	VJ707

The QC reported here applies to the following samples: **Method:** SW846 8260B

F33345-1, F33345-2, F33345-3, F33345-4, F33345-5, F33345-6

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.50	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.50	ug/l	
75-25-2	Bromoform	ND	1.0	0.50	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.50	ug/l	
75-00-3	Chloroethane	ND	2.0	1.0	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
110-75-8	2-Chloroethyl vinyl ether	ND	5.0	2.5	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.50	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.50	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.50	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.50	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.50	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.40	ug/l	
75-71-8	Dichlorodifluoromethane	ND	1.0	0.50	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	1.0	0.50	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.30	ug/l	
541-73-1	m-Dichlorobenzene	ND	1.0	0.50	ug/l	
95-50-1	o-Dichlorobenzene	ND	1.0	0.50	ug/l	
106-46-7	p-Dichlorobenzene	ND	1.0	0.50	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.50	ug/l	
74-83-9	Methyl bromide	ND	2.0	1.0	ug/l	
74-87-3	Methyl chloride	ND	2.0	1.0	ug/l	
75-09-2	Methylene chloride	ND	5.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.50	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.30	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.50	ug/l	
127-18-4	Tetrachloroethylene	ND	1.0	0.50	ug/l	
108-88-3	Toluene	ND	1.0	0.50	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.50	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.60	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.50	ug/l	
	m,p-Xylene	ND	2.0	0.50	ug/l	
95-47-6	o-Xylene	ND	1.0	0.50	ug/l	

Method Blank Summary

Job Number: F33345
Account: STOLCOGJ S M Stoller
Project: Quarterly Sampling, STAR Center, Largo, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VJ707-MB	J016961.D	1	07/30/05	MM	n/a	n/a	VJ707

The QC reported here applies to the following samples: **Method:** SW846 8260B

F33345-1, F33345-2, F33345-3, F33345-4, F33345-5, F33345-6

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	104%	86-115%
17060-07-0	1,2-Dichloroethane-D4	104%	73-126%
2037-26-5	Toluene-D8	96%	86-112%
460-00-4	4-Bromofluorobenzene	102%	83-119%

Method Blank Summary

Job Number: F33345
Account: STOLCOGJ S M Stoller
Project: Quarterly Sampling, STAR Center, Largo, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VM275-MB	M0006374.D	1	08/02/05	KK	n/a	n/a	VM275

The QC reported here applies to the following samples: **Method:** SW846 8260B

F33345-6

CAS No.	Compound	Result	RL	MDL	Units	Q
156-59-2	cis-1,2-Dichloroethylene	ND	1.0	0.50	ug/l	

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	101%	86-115%
17060-07-0	1,2-Dichloroethane-D4	94%	73-126%
2037-26-5	Toluene-D8	101%	86-112%
460-00-4	4-Bromofluorobenzene	101%	83-119%

Blank Spike Summary

Job Number: F33345
Account: STOLCOGJ S M Stoller
Project: Quarterly Sampling, STAR Center, Largo, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VJ707-BS	J016960.D	1	07/30/05	MM	n/a	n/a	VJ707

The QC reported here applies to the following samples: **Method:** SW846 8260B

F33345-1, F33345-2, F33345-3, F33345-4, F33345-5, F33345-6

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
71-43-2	Benzene	25	27.4	110	80-120
75-27-4	Bromodichloromethane	25	27.6	110	75-120
75-25-2	Bromoform	25	22.6	90	60-129
108-90-7	Chlorobenzene	25	26.1	104	82-112
75-00-3	Chloroethane	25	32.0	128	67-148
67-66-3	Chloroform	25	28.4	114	78-118
110-75-8	2-Chloroethyl vinyl ether	125	153	122	23-132
56-23-5	Carbon tetrachloride	25	30.0	120	69-137
75-34-3	1,1-Dichloroethane	25	28.5	114	75-117
75-35-4	1,1-Dichloroethylene	25	27.8	111	67-134
107-06-2	1,2-Dichloroethane	25	27.0	108	68-121
78-87-5	1,2-Dichloropropane	25	27.5	110	78-122
124-48-1	Dibromochloromethane	25	24.3	97	68-118
75-71-8	Dichlorodifluoromethane	25	38.2	153	43-173
156-59-2	cis-1,2-Dichloroethylene	25	27.1	108	81-120
10061-01-5	cis-1,3-Dichloropropene	25	26.9	108	73-115
541-73-1	m-Dichlorobenzene	25	24.7	99	78-116
95-50-1	o-Dichlorobenzene	25	24.4	98	77-115
106-46-7	p-Dichlorobenzene	25	25.0	100	77-113
156-60-5	trans-1,2-Dichloroethylene	25	27.8	111	74-125
10061-02-6	trans-1,3-Dichloropropene	25	26.8	107	69-115
100-41-4	Ethylbenzene	25	25.8	103	82-115
74-83-9	Methyl bromide	25	31.2	125	60-165
74-87-3	Methyl chloride	25	31.4	126	58-152
75-09-2	Methylene chloride	25	26.5	106	66-125
1634-04-4	Methyl Tert Butyl Ether	25	27.5	110	67-127
71-55-6	1,1,1-Trichloroethane	25	30.1	120	78-132
79-34-5	1,1,2,2-Tetrachloroethane	25	23.4	94	67-119
79-00-5	1,1,2-Trichloroethane	25	23.7	95	74-115
127-18-4	Tetrachloroethylene	25	26.5	106	75-126
108-88-3	Toluene	25	26.2	105	81-114
79-01-6	Trichloroethylene	25	28.0	112	80-115
75-69-4	Trichlorofluoromethane	25	32.6	130	65-163
75-01-4	Vinyl chloride	25	33.1	132	70-151
	m,p-Xylene	50	52.2	104	83-118
95-47-6	o-Xylene	25	25.9	104	77-119

Blank Spike Summary

Job Number: F33345
Account: STOLCOGJ S M Stoller
Project: Quarterly Sampling, STAR Center, Largo, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VJ707-BS	J016960.D	1	07/30/05	MM	n/a	n/a	VJ707

The QC reported here applies to the following samples: **Method:** SW846 8260B

F33345-1, F33345-2, F33345-3, F33345-4, F33345-5, F33345-6

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	105%	86-115%
17060-07-0	1,2-Dichloroethane-D4	107%	73-126%
2037-26-5	Toluene-D8	97%	86-112%
460-00-4	4-Bromofluorobenzene	100%	83-119%

Blank Spike Summary

Job Number: F33345
Account: STOLCOGJ S M Stoller
Project: Quarterly Sampling, STAR Center, Largo, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VM275-BS	M0006373.D	1	08/02/05	KK	n/a	n/a	VM275

The QC reported here applies to the following samples: **Method:** SW846 8260B

F33345-6

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
156-59-2	cis-1,2-Dichloroethylene	25	26.3	105	81-120

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	101%	86-115%
17060-07-0	1,2-Dichloroethane-D4	96%	73-126%
2037-26-5	Toluene-D8	101%	86-112%
460-00-4	4-Bromofluorobenzene	96%	83-119%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F33345
Account: STOLCOGJ S M Stoller
Project: Quarterly Sampling, STAR Center, Largo, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
F33319-5MS	J016970.D	10	07/30/05	MM	n/a	n/a	VJ707
F33319-5MSD	J016971.D	10	07/30/05	MM	n/a	n/a	VJ707
F33319-5	J016964.D	10	07/30/05	MM	n/a	n/a	VJ707

The QC reported here applies to the following samples: **Method:** SW846 8260B

F33345-1, F33345-2, F33345-3, F33345-4, F33345-5, F33345-6

CAS No.	Compound	F33319-5 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	10 U		250	264	106	246	98	7	72-125/7
75-27-4	Bromodichloromethane	10 U		250	279	112	261	104	7	72-120/8
75-25-2	Bromoform	10 U		250	219	88	208	83	5	55-127/11
108-90-7	Chlorobenzene	10 U		250	250	100	233	93	7	79-113/7
75-00-3	Chloroethane	20 U		250	369	148	356	142	4	56-164/14
67-66-3	Chloroform	10 U		250	287	115	267	107	7	75-120/8
110-75-8	2-Chloroethyl vinyl ether	50 U		1250	870	70	329	26	90*	8-137/18
56-23-5	Carbon tetrachloride	10 U		250	303	121	281	112	8	56-145/12
75-34-3	1,1-Dichloroethane	10 U		250	286	114	263	105	8	70-122/10
75-35-4	1,1-Dichloroethylene	7.2	I	250	291	114	267	104	9	61-137/15
107-06-2	1,2-Dichloroethane	10 U		250	293	117	273	109	7	64-124/7
78-87-5	1,2-Dichloropropane	10 U		250	266	106	249	100	7	74-123/8
124-48-1	Dibromochloromethane	10 U		250	237	95	223	89	6	63-119/9
75-71-8	Dichlorodifluoromethane	10 U		250	395	158	396	158	0	35-184/21
156-59-2	cis-1,2-Dichloroethylene	377		250	486	44*	471	38*	3	74-125/9
10061-01-5	cis-1,3-Dichloropropene	10 U		250	262	105	243	97	8	65-112/10
541-73-1	m-Dichlorobenzene	10 U		250	239	96	219	88	9*	74-114/7
95-50-1	o-Dichlorobenzene	10 U		250	237	95	222	89	7	73-114/8
106-46-7	p-Dichlorobenzene	10 U		250	239	96	223	89	7	74-112/7
156-60-5	trans-1,2-Dichloroethylene	36.3		250	299	105	279	97	7	70-127/11
10061-02-6	trans-1,3-Dichloropropene	10 U		250	263	105	251	100	5	59-116/11
100-41-4	Ethylbenzene	10 U		250	247	99	230	92	7	73-119/8
74-83-9	Methyl bromide	20 U		250	387	155	372	149	4	52-172/16
74-87-3	Methyl chloride	20 U		250	327	131	332	133	2	53-155/19
75-09-2	Methylene chloride	50 U		250	278	111	257	103	8	61-129/11
1634-04-4	Methyl Tert Butyl Ether	10 U		250	279	112	264	106	6	61-129/9
71-55-6	1,1,1-Trichloroethane	10 U		250	301	120	282	113	7	72-133/8
79-34-5	1,1,2,2-Tetrachloroethane	10 U		250	241	96	231	92	4	64-120/10
79-00-5	1,1,2-Trichloroethane	10 U		250	238	95	229	92	4	72-116/9
127-18-4	Tetrachloroethylene	10 U		250	240	96	227	91	6	70-126/9
108-88-3	Toluene	10 U		250	244	98	232	93	5	67-123/8
79-01-6	Trichloroethylene	623		250	630	3* [a]	610	-5* [a]	3	73-117/10
75-69-4	Trichlorofluoromethane	20 U		250	381	152	356	142	7	52-164/16
75-01-4	Vinyl chloride	505		250	551	18* [a]	624	48* [a]	12	63-161/18
	m,p-Xylene	20 U		500	511	102	475	95	7	74-123/7
95-47-6	o-Xylene	10 U		250	249	100	234	94	6	68-123/7

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F33345
Account: STOLCOGJ S M Stoller
Project: Quarterly Sampling, STAR Center, Largo, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
F33319-5MS	J016970.D	10	07/30/05	MM	n/a	n/a	VJ707
F33319-5MSD	J016971.D	10	07/30/05	MM	n/a	n/a	VJ707
F33319-5	J016964.D	10	07/30/05	MM	n/a	n/a	VJ707

The QC reported here applies to the following samples: **Method:** SW846 8260B

F33345-1, F33345-2, F33345-3, F33345-4, F33345-5, F33345-6

CAS No.	Surrogate Recoveries	MS	MSD	F33319-5	Limits
1868-53-7	Dibromofluoromethane	110%	108%	105%	86-115%
17060-07-0	1,2-Dichloroethane-D4	117%	117%	104%	73-126%
2037-26-5	Toluene-D8	94%	94%	96%	86-112%
460-00-4	4-Bromofluorobenzene	98%	98%	102%	83-119%

(a) Outside control limits due to high level in sample relative to spike amount.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F33345
Account: STOLCOGJ S M Stoller
Project: Quarterly Sampling, STAR Center, Largo, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
F33546-1MS	M0006376.D	5	08/02/05	KK	n/a	n/a	VM275
F33546-1MSD	M0006377.D	5	08/02/05	KK	n/a	n/a	VM275
F33546-1	M0006375.D	5	08/02/05	KK	n/a	n/a	VM275

The QC reported here applies to the following samples: **Method:** SW846 8260B

F33345-6

CAS No.	Compound	F33546-1 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
156-59-2	cis-1,2-Dichloroethylene	ND		125	130	104	129	103	1	74-125/9

CAS No.	Surrogate Recoveries	MS	MSD	F33546-1	Limits
1868-53-7	Dibromofluoromethane	99%	99%	97%	86-115%
17060-07-0	1,2-Dichloroethane-D4	94%	94%	90%	73-126%
2037-26-5	Toluene-D8	101%	99%	101%	86-112%
460-00-4	4-Bromofluorobenzene	95%	96%	102%	83-119%

GC Semi-volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries

Method Blank Summary

Job Number: F33345
Account: STOLCOGJ S M Stoller
Project: Quarterly Sampling, STAR Center, Largo, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP13900-MB	IJ24922.D	1	07/22/05	NJ	07/21/05	OP13900	GIJ1189

The QC reported here applies to the following samples: **Method:** FLORIDA-PRO

F33345-2, F33345-3, F33345-4, F33345-5

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C8-C40)	ND	0.25	0.17	mg/l	

CAS No.	Surrogate Recoveries		Limits
84-15-1	o-Terphenyl	84%	50-125%

Method Blank Summary

Job Number: F33345
Account: STOLCOGJ S M Stoller
Project: Quarterly Sampling, STAR Center, Largo, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP13900-MB	OP52042.D	1	07/23/05	SD	07/21/05	OP13900	GOP1496

The QC reported here applies to the following samples: **Method:** FLORIDA-PRO

F33345-2, F33345-3, F33345-4, F33345-5

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C8-C40)	ND	0.25	0.17	mg/l	

CAS No.	Surrogate Recoveries		Limits
84-15-1	o-Terphenyl	81%	50-125%

Blank Spike Summary

Job Number: F33345
Account: STOLCOGJ S M Stoller
Project: Quarterly Sampling, STAR Center, Largo, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP13900-BS	IJ24921.D	1	07/22/05	NJ	07/21/05	OP13900	GIJ1189

The QC reported here applies to the following samples: **Method:** FLORIDA-PRO

F33345-2, F33345-3, F33345-4, F33345-5

CAS No.	Compound	Spike mg/l	BSP mg/l	BSP %	Limits
	TPH (C8-C40)	0.85	0.835	98	68-115

CAS No.	Surrogate Recoveries	BSP	Limits
84-15-1	o-Terphenyl	98%	50-125%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F33345
Account: STOLCOGJ S M Stoller
Project: Quarterly Sampling, STAR Center, Largo, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP13900-MS	IJ24925.D	1	07/22/05	NJ	07/21/05	OP13900	GIJ1189
OP13900-MSD	IJ24926.D	1	07/22/05	NJ	07/21/05	OP13900	GIJ1189
F33345-3	IJ24924.D	1	07/22/05	NJ	07/21/05	OP13900	GIJ1189

The QC reported here applies to the following samples: **Method:** FLORIDA-PRO

F33345-2, F33345-3, F33345-4, F33345-5

CAS No.	Compound	F33345-3 mg/l	Q	Spike mg/l	MS mg/l	MS %	MSD mg/l	MSD %	RPD	Limits Rec/RPD
	TPH (C8-C40)	1.17		1.67	2.73	94	2.54	82	7	52-140/20

CAS No.	Surrogate Recoveries	MS	MSD	F33345-3	Limits
84-15-1	o-Terphenyl	80%	77%	85%	50-125%

Southeast ACCUTEST Laboratories

10/24/05

Technical Report for

S M Stoller

Quarterly Sampling, STAR Center, Largo, FL

7030-226

Accutest Job Number: F33350

Sampling Date: 07/18/05

Report to:

S M Stoller

Cathy.Kelleher@gjo.doe.gov

ATTN: Cathy Kelleher

Total number of pages in report: **33**

ACCREDITED IN ACCORDANCE WITH nelac

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Conference and/or state specific certification programs as applicable.

Harry Behzadi, Ph.D.
Laboratory Director

Certifications: FL (DOH E83510), NC (573), NJ (FL002), MA (FL946), IA (366), LA (03051), KS (E-10327), SC, AK

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Accutest LabLink@41810 12:13 24-Oct-2005

Sample Summary

S M Stoller

Job No: F33350

Quarterly Sampling, STAR Center, Largo, FL
Project No: 7030-226

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
F33350-1	07/18/05	12:55	JPC	07/19/05	AQ	Ground Water	PIN24-0508-N001
F33350-2	07/18/05	13:24	JPC	07/19/05	AQ	Ground Water	PIN15-0566-N001
F33350-3	07/18/05	13:53	JPC	07/19/05	AQ	Ground Water	PIN15-0560-N001
F33350-4	07/18/05	14:17	JPC	07/19/05	AQ	Ground Water	PIN15-0561-N001

SAMPLE DELIVERY GROUP CASE NARRATIVE

Client: S M Stoller **Job No:** F33350

Site: Quarterly Sampling, STAR Center, Largo, FL **Report Date** 8/3/2005

4 Samples were collected on 07/18/2005 and were received at Accutest on 07/19/2005 properly preserved, at 2 Deg. C and intact. These Samples received an Accutest job number of F33350.A listing of the Laboratory Sample ID, Client Sample ID and dates of collection are presented in the Results Summary Section of this report.

Except as noted below, all method specified calibrations and quality control performance criteria were met for this job. For more information, please refer to QC summary pages.

Volatiles by GCMS By Method SW846 8260B

Matrix: AQ **Batch ID:** VJ707

Samples F33319-5MS, F33319-5MSD were used as the QC samples indicated.

All method blanks for this batch meet method specific criteria.

MS/MSD recoveries for cis-1,2-Dichloroethylene, Trichloroethylene, Vinyl chloride are outside control limits. Outside control limits due to high level in sample relative to spike amount.
RPDs for MS/MSD for 2-Chloroethyl vinyl ether, m-Dichlorobenzene are outside control limits for sample F33319-5MSD, F33319-5MSD. Probable cause due to sample homogeneity.

Matrix: AQ **Batch ID:** VJ708

All method blanks for this batch meet method specific criteria.

Samples F33593-1MS, F33593-1MSD were used as the QC samples indicated.

Extractables by GC By Method FLORIDA-PRO

Matrix: AQ **Batch ID:** OP13900

Samples F33345-3MS, F33345-3MSD were used as the QC samples indicated.

All method blanks for this batch meet method specific criteria.

Accutest Laboratories Southeast (ALSE) certifies that this report meets the project requirements for analytical data produced for the samples as received at ALSE and as stated on the COC. ALSE certifies that the data meets the Data QualityObjectives for precision, accuracy and completeness as specified in the ALSE Quality Manual except as noted above. This report is to be used in its entirety. ALSE is not responsible for any assumptions of data quality if partial data packages are used.
Narrative prepared by:

Date: August 03, 2005

Sue O. Bell, Project Manager (signature on file)

Report of Analysis

Client Sample ID:	PIN24-0508-N001		
Lab Sample ID:	F33350-1	**Date Sampled:**	07/18/05
Matrix:	AQ - Ground Water	**Date Received:**	07/19/05
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Quarterly Sampling, STAR Center, Largo, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	J016969.D	1	07/30/05	MM	n/a	n/a	VJ707
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	0.50 U	1.0	0.50	ug/l	
75-27-4	Bromodichloromethane	0.50 U	1.0	0.50	ug/l	
75-25-2	Bromoform	0.50 U	1.0	0.50	ug/l	
108-90-7	Chlorobenzene	0.50 U	1.0	0.50	ug/l	
75-00-3	Chloroethane	1.0 U	2.0	1.0	ug/l	
67-66-3	Chloroform	0.50 U	1.0	0.50	ug/l	
110-75-8	2-Chloroethyl vinyl ether	2.5 U	5.0	2.5	ug/l	
56-23-5	Carbon tetrachloride	0.50 U	1.0	0.50	ug/l	
75-34-3	1,1-Dichloroethane	0.50 U	1.0	0.50	ug/l	
75-35-4	1,1-Dichloroethylene	0.50 U	1.0	0.50	ug/l	
107-06-2	1,2-Dichloroethane	0.50 U	1.0	0.50	ug/l	
78-87-5	1,2-Dichloropropane	0.50 U	1.0	0.50	ug/l	
124-48-1	Dibromochloromethane	0.40 U	1.0	0.40	ug/l	
75-71-8	Dichlorodifluoromethane	0.50 U	1.0	0.50	ug/l	
156-59-2	cis-1,2-Dichloroethylene	0.50 U	1.0	0.50	ug/l	
10061-01-5	cis-1,3-Dichloropropene	0.30 U	1.0	0.30	ug/l	
541-73-1	m-Dichlorobenzene	0.50 U	1.0	0.50	ug/l	
95-50-1	o-Dichlorobenzene	0.50 U	1.0	0.50	ug/l	
106-46-7	p-Dichlorobenzene	0.50 U	1.0	0.50	ug/l	
156-60-5	trans-1,2-Dichloroethylene	0.50 U	1.0	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	0.30 U	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	0.50 U	1.0	0.50	ug/l	
74-83-9	Methyl bromide	1.0 U	2.0	1.0	ug/l	
74-87-3	Methyl chloride	1.0 U	2.0	1.0	ug/l	
75-09-2	Methylene chloride	1.0 U	5.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	0.50 U	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	0.50 U	1.0	0.50	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	0.30 U	1.0	0.30	ug/l	
79-00-5	1,1,2-Trichloroethane	0.50 U	1.0	0.50	ug/l	
127-18-4	Tetrachloroethylene	0.50 U	1.0	0.50	ug/l	
108-88-3	Toluene	0.50 U	1.0	0.50	ug/l	
79-01-6	Trichloroethylene	0.50 U	1.0	0.50	ug/l	

U = Not detected MDL - Method Detection Limit
RL = Reporting Limit
L = Indicates value exceeds calibration range

I = Result > = MDL but < RL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	PIN24-0508-N001		
Lab Sample ID:	F33350-1	**Date Sampled:**	07/18/05
Matrix:	AQ - Ground Water	**Date Received:**	07/19/05
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Quarterly Sampling, STAR Center, Largo, FL		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-69-4	Trichlorofluoromethane	0.60 U	2.0	0.60	ug/l	
75-01-4	Vinyl chloride	0.50 U	1.0	0.50	ug/l	
	m,p-Xylene	0.50 U	2.0	0.50	ug/l	
95-47-6	o-Xylene	0.50 U	1.0	0.50	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	108%		86-115%
17060-07-0	1,2-Dichloroethane-D4	114%		73-126%
2037-26-5	Toluene-D8	96%		86-112%
460-00-4	4-Bromofluorobenzene	105%		83-119%

U = Not detected MDL - Method Detection Limit
RL = Reporting Limit
L = Indicates value exceeds calibration range

I = Result > = MDL but < RL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	PIN15-0566-N001		
Lab Sample ID:	F33350-2	**Date Sampled:**	07/18/05
Matrix:	AQ - Ground Water	**Date Received:**	07/19/05
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Quarterly Sampling, STAR Center, Largo, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	J016979.D	1	07/30/05	MM	n/a	n/a	VJ707
Run #2	J016990.D	5	08/01/05	MM	n/a	n/a	VJ708

	Purge Volume
Run #1	5.0 ml
Run #2	5.0 ml

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	2.0	1.0	0.50	ug/l	
75-27-4	Bromodichloromethane	0.50 U	1.0	0.50	ug/l	
75-25-2	Bromoform	0.50 U	1.0	0.50	ug/l	
108-90-7	Chlorobenzene	0.50 U	1.0	0.50	ug/l	
75-00-3	Chloroethane	1.0 U	2.0	1.0	ug/l	
67-66-3	Chloroform	0.50 U	1.0	0.50	ug/l	
110-75-8	2-Chloroethyl vinyl ether	2.5 U	5.0	2.5	ug/l	
56-23-5	Carbon tetrachloride	0.50 U	1.0	0.50	ug/l	
75-34-3	1,1-Dichloroethane	0.50 U	1.0	0.50	ug/l	
75-35-4	1,1-Dichloroethylene	1.2	1.0	0.50	ug/l	
107-06-2	1,2-Dichloroethane	0.50 U	1.0	0.50	ug/l	
78-87-5	1,2-Dichloropropane	0.50 U	1.0	0.50	ug/l	
124-48-1	Dibromochloromethane	0.40 U	1.0	0.40	ug/l	
75-71-8	Dichlorodifluoromethane	0.50 U	1.0	0.50	ug/l	
156-59-2	cis-1,2-Dichloroethylene	83.0 [a]	5.0	2.5	ug/l	
10061-01-5	cis-1,3-Dichloropropene	0.30 U	1.0	0.30	ug/l	
541-73-1	m-Dichlorobenzene	0.50 U	1.0	0.50	ug/l	
95-50-1	o-Dichlorobenzene	0.50 U	1.0	0.50	ug/l	
106-46-7	p-Dichlorobenzene	0.50 U	1.0	0.50	ug/l	
156-60-5	trans-1,2-Dichloroethylene	1.3	1.0	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	0.30 U	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	0.50 U	1.0	0.50	ug/l	
74-83-9	Methyl bromide	1.0 U	2.0	1.0	ug/l	
74-87-3	Methyl chloride	1.0 U	2.0	1.0	ug/l	
75-09-2	Methylene chloride	1.0 U	5.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	0.50 U	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	0.50 U	1.0	0.50	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	0.30 U	1.0	0.30	ug/l	
79-00-5	1,1,2-Trichloroethane	0.50 U	1.0	0.50	ug/l	
127-18-4	Tetrachloroethylene	0.50 U	1.0	0.50	ug/l	
108-88-3	Toluene	0.50 U	1.0	0.50	ug/l	
79-01-6	Trichloroethylene	160 [a]	5.0	2.5	ug/l	

U = Not detected MDL - Method Detection Limit
RL = Reporting Limit
L = Indicates value exceeds calibration range

I = Result > = MDL but < RL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	PIN15-0566-N001		
Lab Sample ID:	F33350-2	**Date Sampled:**	07/18/05
Matrix:	AQ - Ground Water	**Date Received:**	07/19/05
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Quarterly Sampling, STAR Center, Largo, FL		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-69-4	Trichlorofluoromethane	0.60 U	2.0	0.60	ug/l	
75-01-4	Vinyl chloride	20.5	1.0	0.50	ug/l	
	m,p-Xylene	0.50 U	2.0	0.50	ug/l	
95-47-6	o-Xylene	0.50 U	1.0	0.50	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	108%	108%	86-115%
17060-07-0	1,2-Dichloroethane-D4	116%	115%	73-126%
2037-26-5	Toluene-D8	104%	102%	86-112%
460-00-4	4-Bromofluorobenzene	107%	105%	83-119%

(a) Result is from Run# 2

U = Not detected MDL - Method Detection Limit I = Result > = MDL but < RL J = Estimated value
RL = Reporting Limit V = Indicates analyte found in associated method blank
L = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	PIN15-0566-N001		
Lab Sample ID:	F33350-2	**Date Sampled:**	07/18/05
Matrix:	AQ - Ground Water	**Date Received:**	07/19/05
Method:	FLORIDA-PRO SW846 3510C	**Percent Solids:**	n/a
Project:	Quarterly Sampling, STAR Center, Largo, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	IJ24937.D	1	07/22/05	NJ	07/21/05	OP13900	GIJ1189
Run #2							

	Initial Volume	Final Volume
Run #1	1030 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C8-C40)	1.82	0.24	0.17	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	87%		50-125%

U = Not detected MDL - Method Detection Limit
RL = Reporting Limit
L = Indicates value exceeds calibration range

I = Result > = MDL but < RL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	PIN15-0560-N001		
Lab Sample ID:	F33350-3	**Date Sampled:**	07/18/05
Matrix:	AQ - Ground Water	**Date Received:**	07/19/05
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Quarterly Sampling, STAR Center, Largo, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	J016980.D	1	07/30/05	MM	n/a	n/a	VJ707
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	0.50 U	1.0	0.50	ug/l	
75-27-4	Bromodichloromethane	0.50 U	1.0	0.50	ug/l	
75-25-2	Bromoform	0.50 U	1.0	0.50	ug/l	
108-90-7	Chlorobenzene	0.50 U	1.0	0.50	ug/l	
75-00-3	Chloroethane	1.0 U	2.0	1.0	ug/l	
67-66-3	Chloroform	0.50 U	1.0	0.50	ug/l	
110-75-8	2-Chloroethyl vinyl ether	2.5 U	5.0	2.5	ug/l	
56-23-5	Carbon tetrachloride	0.50 U	1.0	0.50	ug/l	
75-34-3	1,1-Dichloroethane	0.50 U	1.0	0.50	ug/l	
75-35-4	1,1-Dichloroethylene	0.50 U	1.0	0.50	ug/l	
107-06-2	1,2-Dichloroethane	0.50 U	1.0	0.50	ug/l	
78-87-5	1,2-Dichloropropane	0.50 U	1.0	0.50	ug/l	
124-48-1	Dibromochloromethane	0.40 U	1.0	0.40	ug/l	
75-71-8	Dichlorodifluoromethane	0.50 U	1.0	0.50	ug/l	
156-59-2	cis-1,2-Dichloroethylene	0.50 U	1.0	0.50	ug/l	
10061-01-5	cis-1,3-Dichloropropene	0.30 U	1.0	0.30	ug/l	
541-73-1	m-Dichlorobenzene	0.50 U	1.0	0.50	ug/l	
95-50-1	o-Dichlorobenzene	0.50 U	1.0	0.50	ug/l	
106-46-7	p-Dichlorobenzene	0.50 U	1.0	0.50	ug/l	
156-60-5	trans-1,2-Dichloroethylene	0.50 U	1.0	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	0.30 U	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	0.50 U	1.0	0.50	ug/l	
74-83-9	Methyl bromide	1.0 U	2.0	1.0	ug/l	
74-87-3	Methyl chloride	1.0 U	2.0	1.0	ug/l	
75-09-2	Methylene chloride	1.0 U	5.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	0.50 U	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	0.50 U	1.0	0.50	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	0.30 U	1.0	0.30	ug/l	
79-00-5	1,1,2-Trichloroethane	0.50 U	1.0	0.50	ug/l	
127-18-4	Tetrachloroethylene	0.50 U	1.0	0.50	ug/l	
108-88-3	Toluene	0.50 U	1.0	0.50	ug/l	
79-01-6	Trichloroethylene	0.50 U	1.0	0.50	ug/l	

U = Not detected MDL - Method Detection Limit
RL = Reporting Limit
L = Indicates value exceeds calibration range

I = Result > = MDL but < RL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	PIN15-0560-N001		
Lab Sample ID:	F33350-3	**Date Sampled:**	07/18/05
Matrix:	AQ - Ground Water	**Date Received:**	07/19/05
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Quarterly Sampling, STAR Center, Largo, FL		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-69-4	Trichlorofluoromethane	0.60 U	2.0	0.60	ug/l	
75-01-4	Vinyl chloride	0.50 U	1.0	0.50	ug/l	
	m,p-Xylene	0.50 U	2.0	0.50	ug/l	
95-47-6	o-Xylene	0.50 U	1.0	0.50	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	111%		86-115%
17060-07-0	1,2-Dichloroethane-D4	118%		73-126%
2037-26-5	Toluene-D8	104%		86-112%
460-00-4	4-Bromofluorobenzene	112%		83-119%

U = Not detected MDL - Method Detection Limit
RL = Reporting Limit
L = Indicates value exceeds calibration range

I = Result > = MDL but < RL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	PIN15-0560-N001		
Lab Sample ID:	F33350-3	**Date Sampled:**	07/18/05
Matrix:	AQ - Ground Water	**Date Received:**	07/19/05
Method:	FLORIDA-PRO SW846 3510C	**Percent Solids:**	n/a
Project:	Quarterly Sampling, STAR Center, Largo, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	IJ24938.D	1	07/22/05	NJ	07/21/05	OP13900	GIJ1189
Run #2							

	Initial Volume	Final Volume
Run #1	1040 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C8-C40)	0.413	0.24	0.16	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	75%		50-125%

U = Not detected MDL - Method Detection Limit
RL = Reporting Limit
L = Indicates value exceeds calibration range

I = Result > = MDL but < RL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	PIN15-0561-N001		
Lab Sample ID:	F33350-4	**Date Sampled:**	07/18/05
Matrix:	AQ - Ground Water	**Date Received:**	07/19/05
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Quarterly Sampling, STAR Center, Largo, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	J016981.D	1	07/30/05	MM	n/a	n/a	VJ707
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	0.50 U	1.0	0.50	ug/l	
75-27-4	Bromodichloromethane	0.50 U	1.0	0.50	ug/l	
75-25-2	Bromoform	0.50 U	1.0	0.50	ug/l	
108-90-7	Chlorobenzene	0.50 U	1.0	0.50	ug/l	
75-00-3	Chloroethane	1.0 U	2.0	1.0	ug/l	
67-66-3	Chloroform	0.50 U	1.0	0.50	ug/l	
110-75-8	2-Chloroethyl vinyl ether	2.5 U	5.0	2.5	ug/l	
56-23-5	Carbon tetrachloride	0.50 U	1.0	0.50	ug/l	
75-34-3	1,1-Dichloroethane	0.50 U	1.0	0.50	ug/l	
75-35-4	1,1-Dichloroethylene	0.50 U	1.0	0.50	ug/l	
107-06-2	1,2-Dichloroethane	0.50 U	1.0	0.50	ug/l	
78-87-5	1,2-Dichloropropane	0.50 U	1.0	0.50	ug/l	
124-48-1	Dibromochloromethane	0.40 U	1.0	0.40	ug/l	
75-71-8	Dichlorodifluoromethane	0.50 U	1.0	0.50	ug/l	
156-59-2	cis-1,2-Dichloroethylene	0.50 U	1.0	0.50	ug/l	
10061-01-5	cis-1,3-Dichloropropene	0.30 U	1.0	0.30	ug/l	
541-73-1	m-Dichlorobenzene	0.50 U	1.0	0.50	ug/l	
95-50-1	o-Dichlorobenzene	0.50 U	1.0	0.50	ug/l	
106-46-7	p-Dichlorobenzene	0.50 U	1.0	0.50	ug/l	
156-60-5	trans-1,2-Dichloroethylene	0.50 U	1.0	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	0.30 U	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	0.50 U	1.0	0.50	ug/l	
74-83-9	Methyl bromide	1.0 U	2.0	1.0	ug/l	
74-87-3	Methyl chloride	1.0 U	2.0	1.0	ug/l	
75-09-2	Methylene chloride	1.0 U	5.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	0.50 U	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	0.50 U	1.0	0.50	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	0.30 U	1.0	0.30	ug/l	
79-00-5	1,1,2-Trichloroethane	0.50 U	1.0	0.50	ug/l	
127-18-4	Tetrachloroethylene	0.50 U	1.0	0.50	ug/l	
108-88-3	Toluene	0.50 U	1.0	0.50	ug/l	
79-01-6	Trichloroethylene	0.50 U	1.0	0.50	ug/l	

U = Not detected MDL - Method Detection Limit
RL = Reporting Limit
L = Indicates value exceeds calibration range

I = Result > = MDL but < RL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	PIN15-0561-N001		
Lab Sample ID:	F33350-4	**Date Sampled:**	07/18/05
Matrix:	AQ - Ground Water	**Date Received:**	07/19/05
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Quarterly Sampling, STAR Center, Largo, FL		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-69-4	Trichlorofluoromethane	0.60 U	2.0	0.60	ug/l	
75-01-4	Vinyl chloride	0.50 U	1.0	0.50	ug/l	
	m,p-Xylene	0.50 U	2.0	0.50	ug/l	
95-47-6	o-Xylene	0.50 U	1.0	0.50	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	107%		86-115%
17060-07-0	1,2-Dichloroethane-D4	117%		73-126%
2037-26-5	Toluene-D8	103%		86-112%
460-00-4	4-Bromofluorobenzene	113%		83-119%

U = Not detected MDL - Method Detection Limit
RL = Reporting Limit
L = Indicates value exceeds calibration range

I = Result > = MDL but < RL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	PIN15-0561-N001		
Lab Sample ID:	F33350-4	**Date Sampled:**	07/18/05
Matrix:	AQ - Ground Water	**Date Received:**	07/19/05
Method:	FLORIDA-PRO SW846 3510C	**Percent Solids:**	n/a
Project:	Quarterly Sampling, STAR Center, Largo, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	IJ24939.D	1	07/22/05	NJ	07/21/05	OP13900	GIJ1189
Run #2							

	Initial Volume	Final Volume
Run #1	1010 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C8-C40)	0.389	0.25	0.17	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	93%		50-125%

U = Not detected MDL - Method Detection Limit
RL = Reporting Limit
L = Indicates value exceeds calibration range

I = Result > = MDL but < RL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

Young-Rainey Star Center 4.5 Acre Quarterly Sampling

S.M. Stoller, 7887 Bryan Dairy Rd. Suite 260, Largo, FL 33777, tel. 727-541-8103, fax 727-549-1121

4405 Vineland Rd. Suite C-15, Orlando, FL 32811 tel 407-425-6700 fax 407-425-0707

F33350

Sample Matrix is Groundwater, samples are preserved on ice. Temp._____ C

Sample number	Sample ID	Date	Time	Sampled by	No. Bottles	VOC 8260 preserved w/HCl	Arsenic preserved w/HNO3	Ft-Pro preserved w/HCl				Samplers Notes	Lab Use Only
1	PIN24-0508-N001	7-18-05	1255	JPC	3	3							
2	PIN15-0566-N001	↓	1324	JPC	5	3		2					
3	PIN15-0560-N001		1353	JPC	5	3		2					
4	PIN15-0561-N001		1417	JPC	5	3		2					

JPC 7-19-05

This is a preprinted list. Samples not included in this shipment are lined out

Relinquished by Sampler	Date	Time	Received by Courier	Date	Time
[signature]	7-19-05	1345	[signature]	7-19-05	1345
Relinquished by Courier	**Date**	**Time**	**Received by Laboratory**	**Date**	**Time**
[signature]	7-19-05	3:58	[signature]	7/19/05	17:00

Data Turnaround	
std	
48 hr	
24 hr	

1.0

4.1

4

F33350: Chain of Custody

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ACCUTEST Laboratories

F33350

ACCUTEST LABORATORIES SAMPLE RECEIPT CONFIRMATION

ACCUTEST'S JOB NUMBER: F33350 CLIENT: S. M. Stoller PROJECT: Young Rainey Star

DATE/TIME RECEIVED: 7/19/05 17:00 # OF COOLERS RECEIVED: 1 COOLER TEMPS: 2.0

METHOD OF DELIVERY: FEDEX UPS (ACCUTEST COURIER) GREYHOUND DELIVERY OTHER

AIRBILL NUMBERS:

COOLER INFORMATION

- [ ] CUSTODY SEAL NOT PRESENT OR NOT INTACT
- [ ] NO COC RECEIVED
- [ ] ANALYSIS REQUESTED IS UNCLEAR OR MISSING
- [ ] SAMPLE DATES OR TIMES UNCLEAR OR MISSING
- [ ] TEMPERATURE CRITERIA NOT MET

TRIP BLANK INFORMATION

- [x] TRIP BLANK NOT PROVIDED
- [ ] TRIP BLANK NOT ON COC
- [ ] TRIP BLANK INTACT
- [ ] TRIP BLANK NOT INTACT
- [ ] RECEIVED WATER TRIP BLANK
- [ ] RECEIVED SOIL TRIP BLANK

SAMPLE INFORMATION

- [ ] SAMPLE LABELS PRESENT ON ALL BOTTLES
- [ ] CORRECT NUMBER OF CONTAINERS USED
- [ ] SAMPLE RECEIVED IMPROPERLY PRESERVED
- [ ] INSUFFICIENT VOLUME FOR ANALYSIS
- [ ] TIMES ON COC DON'T MATCH LABEL
- [ ] ID'S ON COC DON'T MATCH LABEL
- [ ] VOC VIALS HAVE HEADSPACE (MACRO BUBBLES)
- [ ] BOTTLES RECEIVED BUT ANALYSIS NOT REQUESTED
- [ ] NO BOTTLES RECEIVED FOR ANALYSIS REQUESTED
- [ ] UNCLEAR FILTERING INSTRUCTIONS
- [ ] UNCLEAR COMPOSITING INSTRUCTIONS
- [ ] SAMPLE(S) RECEIVED BROKEN
- [ ] % SOLIDS JAR NOT RECEIVED

SOIL INFORMATION

NUMBER OF ENCORES ? Ø

NUMBER OF 5035 FIELD KITS ? Ø

SUMMARY OF COMMENTS:

TECHNICIAN SIGNATURE/DATE CJ 7/19/05 TECHNICIAN SIGNATURE/DATE Steven Brown/7-19-05

ASBD06/22/05

4.1

4

F33350: Chain of Custody
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ACCUTEST Laboratories F33350

GC/MS Volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries

Method Blank Summary

Job Number: F33350
Account: STOLCOGJ S M Stoller
Project: Quarterly Sampling, STAR Center, Largo, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VJ707-MB	J016961.D	1	07/30/05	MM	n/a	n/a	VJ707

The QC reported here applies to the following samples: **Method:** SW846 8260B

F33350-1, F33350-2, F33350-3, F33350-4

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.50	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.50	ug/l	
75-25-2	Bromoform	ND	1.0	0.50	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.50	ug/l	
75-00-3	Chloroethane	ND	2.0	1.0	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
110-75-8	2-Chloroethyl vinyl ether	ND	5.0	2.5	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.50	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.50	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.50	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.50	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.50	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.40	ug/l	
75-71-8	Dichlorodifluoromethane	ND	1.0	0.50	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	1.0	0.50	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.30	ug/l	
541-73-1	m-Dichlorobenzene	ND	1.0	0.50	ug/l	
95-50-1	o-Dichlorobenzene	ND	1.0	0.50	ug/l	
106-46-7	p-Dichlorobenzene	ND	1.0	0.50	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.50	ug/l	
74-83-9	Methyl bromide	ND	2.0	1.0	ug/l	
74-87-3	Methyl chloride	ND	2.0	1.0	ug/l	
75-09-2	Methylene chloride	ND	5.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.50	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.30	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.50	ug/l	
127-18-4	Tetrachloroethylene	ND	1.0	0.50	ug/l	
108-88-3	Toluene	ND	1.0	0.50	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.50	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.60	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.50	ug/l	
	m,p-Xylene	ND	2.0	0.50	ug/l	
95-47-6	o-Xylene	ND	1.0	0.50	ug/l	

Method Blank Summary

Job Number: F33350
Account: STOLCOGJ S M Stoller
Project: Quarterly Sampling, STAR Center, Largo, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VJ707-MB	J016961.D	1	07/30/05	MM	n/a	n/a	VJ707

The QC reported here applies to the following samples: **Method:** SW846 8260B

F33350-1, F33350-2, F33350-3, F33350-4

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	104%	86-115%
17060-07-0	1,2-Dichloroethane-D4	104%	73-126%
2037-26-5	Toluene-D8	96%	86-112%
460-00-4	4-Bromofluorobenzene	102%	83-119%

Method Blank Summary

Job Number: F33350
Account: STOLCOGJ S M Stoller
Project: Quarterly Sampling, STAR Center, Largo, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VJ708-MB	J016987.D	1	08/01/05	MM	n/a	n/a	VJ708

The QC reported here applies to the following samples: **Method:** SW846 8260B

F33350-2

CAS No.	Compound	Result	RL	MDL	Units	Q
156-59-2	cis-1,2-Dichloroethylene	ND	1.0	0.50	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.50	ug/l	

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	105%	86-115%
17060-07-0	1,2-Dichloroethane-D4	112%	73-126%
2037-26-5	Toluene-D8	100%	86-112%
460-00-4	4-Bromofluorobenzene	105%	83-119%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Volatile [a]		0	ug/l	

(a) No TICs detected.

Blank Spike Summary

Job Number: F33350
Account: STOLCOGJ S M Stoller
Project: Quarterly Sampling, STAR Center, Largo, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VJ707-BS	J016960.D	1	07/30/05	MM	n/a	n/a	VJ707

The QC reported here applies to the following samples: **Method:** SW846 8260B

F33350-1, F33350-2, F33350-3, F33350-4

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
71-43-2	Benzene	25	27.4	110	80-120
75-27-4	Bromodichloromethane	25	27.6	110	75-120
75-25-2	Bromoform	25	22.6	90	60-129
108-90-7	Chlorobenzene	25	26.1	104	82-112
75-00-3	Chloroethane	25	32.0	128	67-148
67-66-3	Chloroform	25	28.4	114	78-118
110-75-8	2-Chloroethyl vinyl ether	125	153	122	23-132
56-23-5	Carbon tetrachloride	25	30.0	120	69-137
75-34-3	1,1-Dichloroethane	25	28.5	114	75-117
75-35-4	1,1-Dichloroethylene	25	27.8	111	67-134
107-06-2	1,2-Dichloroethane	25	27.0	108	68-121
78-87-5	1,2-Dichloropropane	25	27.5	110	78-122
124-48-1	Dibromochloromethane	25	24.3	97	68-118
75-71-8	Dichlorodifluoromethane	25	38.2	153	43-173
156-59-2	cis-1,2-Dichloroethylene	25	27.1	108	81-120
10061-01-5	cis-1,3-Dichloropropene	25	26.9	108	73-115
541-73-1	m-Dichlorobenzene	25	24.7	99	78-116
95-50-1	o-Dichlorobenzene	25	24.4	98	77-115
106-46-7	p-Dichlorobenzene	25	25.0	100	77-113
156-60-5	trans-1,2-Dichloroethylene	25	27.8	111	74-125
10061-02-6	trans-1,3-Dichloropropene	25	26.8	107	69-115
100-41-4	Ethylbenzene	25	25.8	103	82-115
74-83-9	Methyl bromide	25	31.2	125	60-165
74-87-3	Methyl chloride	25	31.4	126	58-152
75-09-2	Methylene chloride	25	26.5	106	66-125
1634-04-4	Methyl Tert Butyl Ether	25	27.5	110	67-127
71-55-6	1,1,1-Trichloroethane	25	30.1	120	78-132
79-34-5	1,1,2,2-Tetrachloroethane	25	23.4	94	67-119
79-00-5	1,1,2-Trichloroethane	25	23.7	95	74-115
127-18-4	Tetrachloroethylene	25	26.5	106	75-126
108-88-3	Toluene	25	26.2	105	81-114
79-01-6	Trichloroethylene	25	28.0	112	80-115
75-69-4	Trichlorofluoromethane	25	32.6	130	65-163
75-01-4	Vinyl chloride	25	33.1	132	70-151
	m,p-Xylene	50	52.2	104	83-118
95-47-6	o-Xylene	25	25.9	104	77-119

Blank Spike Summary

Job Number: F33350
Account: STOLCOGJ S M Stoller
Project: Quarterly Sampling, STAR Center, Largo, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VJ707-BS	J016960.D	1	07/30/05	MM	n/a	n/a	VJ707

The QC reported here applies to the following samples: **Method:** SW846 8260B

F33350-1, F33350-2, F33350-3, F33350-4

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	105%	86-115%
17060-07-0	1,2-Dichloroethane-D4	107%	73-126%
2037-26-5	Toluene-D8	97%	86-112%
460-00-4	4-Bromofluorobenzene	100%	83-119%

Blank Spike Summary

Job Number: F33350
Account: STOLCOGJ S M Stoller
Project: Quarterly Sampling, STAR Center, Largo, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VJ708-BS	J016986.D	1	08/01/05	MM	n/a	n/a	VJ708

The QC reported here applies to the following samples: **Method:** SW846 8260B

F33350-2

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
156-59-2	cis-1,2-Dichloroethylene	25	22.6	90	81-120
79-01-6	Trichloroethylene	25	24.2	97	80-115

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	104%	86-115%
17060-07-0	1,2-Dichloroethane-D4	116%	73-126%
2037-26-5	Toluene-D8	103%	86-112%
460-00-4	4-Bromofluorobenzene	99%	83-119%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F33350
Account: STOLCOGJ S M Stoller
Project: Quarterly Sampling, STAR Center, Largo, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
F33319-5MS	J016970.D	10	07/30/05	MM	n/a	n/a	VJ707
F33319-5MSD	J016971.D	10	07/30/05	MM	n/a	n/a	VJ707
F33319-5	J016964.D	10	07/30/05	MM	n/a	n/a	VJ707

The QC reported here applies to the following samples: **Method:** SW846 8260B

F33350-1, F33350-2, F33350-3, F33350-4

CAS No.	Compound	F33319-5 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	10 U		250	264	106	246	98	7	72-125/7
75-27-4	Bromodichloromethane	10 U		250	279	112	261	104	7	72-120/8
75-25-2	Bromoform	10 U		250	219	88	208	83	5	55-127/11
108-90-7	Chlorobenzene	10 U		250	250	100	233	93	7	79-113/7
75-00-3	Chloroethane	20 U		250	369	148	356	142	4	56-164/14
67-66-3	Chloroform	10 U		250	287	115	267	107	7	75-120/8
110-75-8	2-Chloroethyl vinyl ether	50 U		1250	870	70	329	26	90*	8-137/18
56-23-5	Carbon tetrachloride	10 U		250	303	121	281	112	8	56-145/12
75-34-3	1,1-Dichloroethane	10 U		250	286	114	263	105	8	70-122/10
75-35-4	1,1-Dichloroethylene	7.2	I	250	291	114	267	104	9	61-137/15
107-06-2	1,2-Dichloroethane	10 U		250	293	117	273	109	7	64-124/7
78-87-5	1,2-Dichloropropane	10 U		250	266	106	249	100	7	74-123/8
124-48-1	Dibromochloromethane	10 U		250	237	95	223	89	6	63-119/9
75-71-8	Dichlorodifluoromethane	10 U		250	395	158	396	158	0	35-184/21
156-59-2	cis-1,2-Dichloroethylene	377		250	486	44*	471	38*	3	74-125/9
10061-01-5	cis-1,3-Dichloropropene	10 U		250	262	105	243	97	8	65-112/10
541-73-1	m-Dichlorobenzene	10 U		250	239	96	219	88	9*	74-114/7
95-50-1	o-Dichlorobenzene	10 U		250	237	95	222	89	7	73-114/8
106-46-7	p-Dichlorobenzene	10 U		250	239	96	223	89	7	74-112/7
156-60-5	trans-1,2-Dichloroethylene	36.3		250	299	105	279	97	7	70-127/11
10061-02-6	trans-1,3-Dichloropropene	10 U		250	263	105	251	100	5	59-116/11
100-41-4	Ethylbenzene	10 U		250	247	99	230	92	7	73-119/8
74-83-9	Methyl bromide	20 U		250	387	155	372	149	4	52-172/16
74-87-3	Methyl chloride	20 U		250	327	131	332	133	2	53-155/19
75-09-2	Methylene chloride	50 U		250	278	111	257	103	8	61-129/11
1634-04-4	Methyl Tert Butyl Ether	10 U		250	279	112	264	106	6	61-129/9
71-55-6	1,1,1-Trichloroethane	10 U		250	301	120	282	113	7	72-133/8
79-34-5	1,1,2,2-Tetrachloroethane	10 U		250	241	96	231	92	4	64-120/10
79-00-5	1,1,2-Trichloroethane	10 U		250	238	95	229	92	4	72-116/9
127-18-4	Tetrachloroethylene	10 U		250	240	96	227	91	6	70-126/9
108-88-3	Toluene	10 U		250	244	98	232	93	5	67-123/8
79-01-6	Trichloroethylene	623		250	630	3* [a]	610	-5* [a]	3	73-117/10
75-69-4	Trichlorofluoromethane	20 U		250	381	152	356	142	7	52-164/16
75-01-4	Vinyl chloride	505		250	551	18* [a]	624	48* [a]	12	63-161/18
	m,p-Xylene	20 U		500	511	102	475	95	7	74-123/7
95-47-6	o-Xylene	10 U		250	249	100	234	94	6	68-123/7

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F33350
Account: STOLCOGJ S M Stoller
Project: Quarterly Sampling, STAR Center, Largo, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
F33319-5MS	J016970.D	10	07/30/05	MM	n/a	n/a	VJ707
F33319-5MSD	J016971.D	10	07/30/05	MM	n/a	n/a	VJ707
F33319-5	J016964.D	10	07/30/05	MM	n/a	n/a	VJ707

The QC reported here applies to the following samples: **Method:** SW846 8260B

F33350-1, F33350-2, F33350-3, F33350-4

CAS No.	Surrogate Recoveries	MS	MSD	F33319-5	Limits
1868-53-7	Dibromofluoromethane	110%	108%	105%	86-115%
17060-07-0	1,2-Dichloroethane-D4	117%	117%	104%	73-126%
2037-26-5	Toluene-D8	94%	94%	96%	86-112%
460-00-4	4-Bromofluorobenzene	98%	98%	102%	83-119%

(a) Outside control limits due to high level in sample relative to spike amount.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F33350
Account: STOLCOGJ S M Stoller
Project: Quarterly Sampling, STAR Center, Largo, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
F33593-1MS	J016995.D	1	08/01/05	MM	n/a	n/a	VJ708
F33593-1MSD	J016996.D	1	08/01/05	MM	n/a	n/a	VJ708
F33593-1	J016991.D	1	08/01/05	MM	n/a	n/a	VJ708

The QC reported here applies to the following samples: **Method:** SW846 8260B

F33350-2

CAS No.	Compound	F33593-1 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
156-59-2	cis-1,2-Dichloroethylene	ND		25	21.0	84	21.0	84	0	74-125/9
79-01-6	Trichloroethylene	ND		25	24.1	96	22.7	91	6	73-117/10

CAS No.	Surrogate Recoveries	MS	MSD	F33593-1	Limits
1868-53-7	Dibromofluoromethane	111%	110%	109%	86-115%
17060-07-0	1,2-Dichloroethane-D4	124%	124%	117%	73-126%
2037-26-5	Toluene-D8	99%	100%	104%	86-112%
460-00-4	4-Bromofluorobenzene	97%	98%	105%	83-119%

GC Semi-volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries

Method Blank Summary

Job Number: F33350
Account: STOLCOGJ S M Stoller
Project: Quarterly Sampling, STAR Center, Largo, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP13900-MB	IJ24922.D	1	07/22/05	NJ	07/21/05	OP13900	GIJ1189

The QC reported here applies to the following samples: **Method:** FLORIDA-PRO

F33350-2, F33350-3, F33350-4

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C8-C40)	ND	0.25	0.17	mg/l	

CAS No.	Surrogate Recoveries		Limits
84-15-1	o-Terphenyl	84%	50-125%

Method Blank Summary

Job Number: F33350
Account: STOLCOGJ S M Stoller
Project: Quarterly Sampling, STAR Center, Largo, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP13900-MB	OP52042.D	1	07/23/05	SD	07/21/05	OP13900	GOP1496

The QC reported here applies to the following samples: **Method:** FLORIDA-PRO

F33350-2, F33350-3, F33350-4

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C8-C40)	ND	0.25	0.17	mg/l	

CAS No.	Surrogate Recoveries		Limits
84-15-1	o-Terphenyl	81%	50-125%

Blank Spike Summary

Job Number: F33350
Account: STOLCOGJ S M Stoller
Project: Quarterly Sampling, STAR Center, Largo, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP13900-BS	IJ24921.D	1	07/22/05	NJ	07/21/05	OP13900	GIJ1189

The QC reported here applies to the following samples: **Method:** FLORIDA-PRO

F33350-2, F33350-3, F33350-4

CAS No.	Compound	Spike mg/l	BSP mg/l	BSP %	Limits
	TPH (C8-C40)	0.85	0.835	98	68-115

CAS No.	Surrogate Recoveries	BSP	Limits
84-15-1	o-Terphenyl	98%	50-125%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F33350
Account: STOLCOGJ S M Stoller
Project: Quarterly Sampling, STAR Center, Largo, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP13900-MS	IJ24925.D	1	07/22/05	NJ	07/21/05	OP13900	GIJ1189
OP13900-MSD	IJ24926.D	1	07/22/05	NJ	07/21/05	OP13900	GIJ1189
F33345-3	IJ24924.D	1	07/22/05	NJ	07/21/05	OP13900	GIJ1189

The QC reported here applies to the following samples: **Method:** FLORIDA-PRO

F33350-2, F33350-3, F33350-4

CAS No.	Compound	F33345-3 mg/l	Q	Spike mg/l	MS mg/l	MS %	MSD mg/l	MSD %	RPD	Limits Rec/RPD
	TPH (C8-C40)	1.17		1.67	2.73	94	2.54	82	7	52-140/20

CAS No.	Surrogate Recoveries	MS	MSD	F33345-3	Limits
84-15-1	o-Terphenyl	80%	77%	85%	50-125%