

Technical Report for

S M Stoller

Star Center-B100

Monthly Sampling, 110406202

Accutest Job Number: F25245

Sampling Date: 07/06/04

Report to:

S M Stoller

Cathy.Kelleher@gjo.doe.gov

ATTN: Cathy Kelleher

Total number of pages in report: 23



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: F25245

Star Center-B100

Project No: Monthly Sampling, 110406202

Sample Number	Collected Date	Time By	Received	Matrix Code	Type	Client Sample ID
F25245-1	07/06/04	10:48 JPC	07/06/04	AQ	Ground Water	PIN12-RW01-N001
F25245-2	07/06/04	10:50 JPC	07/06/04	AQ	Ground Water	PIN12-RW02-N001
F25245-3	07/06/04	13:00 JPC	07/06/04	AQ	Ground Water	PIN12-TRTI-N001
F25245-4	07/06/04	13:10 JPC	07/06/04	AQ	Ground Water	PIN12-TRTE-N001

SAMPLE DELIVERY GROUP CASE NARRATIVE

Client: S M Stoller

Job No: F25245

Site: Star Center-B100 Startup

Report Date 7/20/2004

4 Samples were collected on 07/06/2004 and were received at Accutest on 07/06/2004 properly preserved, at 1.4 Deg. C and intact. These Samples received an Accutest job number of F25245. 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 EPA 624

Matrix: AQ

Batch ID: VB1012

All samples were analyzed within the recommended method holding time.

All method blanks for this batch meet method specific criteria.

Samples F25245-3MS, F25245-3MSD were used as the QC samples indicated.

Recoveries for Trichloroethylene, cis-1,2-Dichloroethylene are outside control limits in the MS/MSD. The Blank Spike was within limits, except where noted below. Data not adversely affected.

RPD for MS/MSD for 2-Chloroethyl vinyl ether is outside control limits. The Blank Spike was within limits, except where noted below. Data not adversely affected.

Blank Spike Recoveries for 1,1-Dichloroethane, 1,1-Dichloroethylene, Tetrachloroethylene are above control limits. These compounds were non-detect in all associated samples. Data not adversely affected.

Matrix: AQ

Batch ID: VG1111

All samples were analyzed within the recommended method holding time.

Samples F25243-5MS, F25243-5MSD were used as the QC samples indicated.

All method blanks for this batch meet method specific criteria.

Recoveries for 2-Chloroethyl vinyl ether, o-Dichlorobenzene, 1,1-Dichloroethane, 1,1-Dichloroethylene, Tetrachloroethylene are outside control limits in the MS/MSD. The Blank Spike was within limits. Data not adversely affected.

RPDs for MS/MSD for 1,1,2,2-Tetrachloroethane, Dibromochloromethane are outside control limits, The Blank Spike was within limits. Data not adversely affected.

F25245-4: Sample was treated with an anti-foaming agent.

Volatiles by GCMS By Method SW846 8260B

Matrix: AQ

Batch ID: VB1007

All samples were analyzed within the recommended method holding time.

All method blanks for this batch meet method specific criteria.

Samples F25242-1MS, F25242-1MSD were used as the QC samples indicated.

Recovery for -Chloroethyl vinyl ether is outside control limits in the MS/MSD. The Blank Spike was within limits. Data not adversely affected.

RPD for MS/MSD for 2-Chloroethyl vinyl ether is outside control limits. The Blank Spike was within limits. Data not adversely affected.

Extractables by GCMS By Method EPA 625

Matrix: AQ

Batch ID: OP10865

All samples were extracted within the recommended method holding time.

Samples F25245-4MS, F25245-4MSD were used as the QC samples indicated.

All method blanks for this batch meet method specific criteria.

Recovery for Di-n-octyl phthalate is outside control limits in the MS/SMD. The Blank Spike was within limits. Data not adversely affected.

Metals By Method SW846 6010B

Matrix: AQ

Batch ID: MP6895

All method blanks for this batch meet method specific criteria.

Samples F25242-1DUP, F25242-1MS, F25242-1MSD, F25242-1SDL were used as the QC samples for metals.

Matrix Spike Recovery for Iron is outside control limits. The Blank Spike was within limits. Data not adversely affected.

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 Quality Objectives 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 20, 2004

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

Report of Analysis

Client Sample ID: PIN12-RW01-N001	
Lab Sample ID: F25245-1	Date Sampled: 07/06/04
Matrix: AQ - Ground Water	Date Received: 07/06/04
Method: SW846 8260B	Percent Solids: n/a
Project: Star Center-B100	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	B023218.D	100	07/12/04	KW	n/a	n/a	VB1007
Run #2							

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

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	100	50	ug/l	
75-27-4	Bromodichloromethane	ND	100	50	ug/l	
75-25-2	Bromoform	ND	100	50	ug/l	
108-90-7	Chlorobenzene	ND	100	50	ug/l	
75-00-3	Chloroethane	ND	100	100	ug/l	
67-66-3	Chloroform	ND	100	50	ug/l	
110-75-8	2-Chloroethyl vinyl ether	ND	500	250	ug/l	
56-23-5	Carbon tetrachloride	ND	100	50	ug/l	
75-34-3	1,1-Dichloroethane	ND	100	50	ug/l	
75-35-4	1,1-Dichloroethylene	ND	100	50	ug/l	
107-06-2	1,2-Dichloroethane	ND	100	50	ug/l	
78-87-5	1,2-Dichloropropane	ND	100	50	ug/l	
124-48-1	Dibromochloromethane	ND	100	40	ug/l	
75-71-8	Dichlorodifluoromethane	ND	100	50	ug/l	
156-59-2	cis-1,2-Dichloroethylene	2950	100	50	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	100	30	ug/l	
541-73-1	m-Dichlorobenzene	ND	100	50	ug/l	
95-50-1	o-Dichlorobenzene	ND	100	50	ug/l	
106-46-7	p-Dichlorobenzene	ND	100	50	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	100	50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	100	30	ug/l	
100-41-4	Ethylbenzene	ND	100	50	ug/l	
74-83-9	Methyl bromide	ND	100	100	ug/l	
74-87-3	Methyl chloride	ND	100	100	ug/l	
75-09-2	Methylene chloride	ND	100	100	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	100	50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	100	50	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	100	30	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	100	50	ug/l	
127-18-4	Tetrachloroethylene	ND	100	50	ug/l	
108-88-3	Toluene	ND	100	50	ug/l	
79-01-6	Trichloroethylene	4840	100	50	ug/l	

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: PIN12-RW01-N001
Lab Sample ID: F25245-1
Matrix: AQ - Ground Water
Method: SW846 8260B
Project: Star Center-B100

Date Sampled: 07/06/04
Date Received: 07/06/04
Percent Solids: n/a

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-69-4	Trichlorofluoromethane	ND	100	60	ug/l	
75-01-4	Vinyl chloride	874	100	50	ug/l	
	m,p-Xylene	ND	200	50	ug/l	
95-47-6	o-Xylene	ND	100	50	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	113%		86-115%
17060-07-0	1,2-Dichloroethane-D4	96%		73-126%
2037-26-5	Toluene-D8	91%		86-112%
460-00-4	4-Bromofluorobenzene	96%		83-119%

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: PIN12-RW02-N001	
Lab Sample ID: F25245-2	Date Sampled: 07/06/04
Matrix: AQ - Ground Water	Date Received: 07/06/04
Method: SW846 8260B	Percent Solids: n/a
Project: Star Center-B100	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	B023219.D	10	07/12/04	KW	n/a	n/a	VB1007
Run #2							

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

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	10	5.0	ug/l	
75-27-4	Bromodichloromethane	ND	10	5.0	ug/l	
75-25-2	Bromoform	ND	10	5.0	ug/l	
108-90-7	Chlorobenzene	ND	10	5.0	ug/l	
75-00-3	Chloroethane	ND	10	10	ug/l	
67-66-3	Chloroform	ND	10	5.0	ug/l	
110-75-8	2-Chloroethyl vinyl ether	ND	50	25	ug/l	
56-23-5	Carbon tetrachloride	ND	10	5.0	ug/l	
75-34-3	1,1-Dichloroethane	ND	10	5.0	ug/l	
75-35-4	1,1-Dichloroethylene	21.9	10	5.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	10	5.0	ug/l	
78-87-5	1,2-Dichloropropane	ND	10	5.0	ug/l	
124-48-1	Dibromochloromethane	ND	10	4.0	ug/l	
75-71-8	Dichlorodifluoromethane	ND	10	5.0	ug/l	
156-59-2	cis-1,2-Dichloroethylene	765	10	5.0	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	10	3.0	ug/l	
541-73-1	m-Dichlorobenzene	ND	10	5.0	ug/l	
95-50-1	o-Dichlorobenzene	ND	10	5.0	ug/l	
106-46-7	p-Dichlorobenzene	ND	10	5.0	ug/l	
156-60-5	trans-1,2-Dichloroethylene	60.4	10	5.0	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	10	3.0	ug/l	
100-41-4	Ethylbenzene	ND	10	5.0	ug/l	
74-83-9	Methyl bromide	ND	10	10	ug/l	
74-87-3	Methyl chloride	ND	10	10	ug/l	
75-09-2	Methylene chloride	ND	10	10	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	10	5.0	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	10	5.0	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	10	3.0	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	10	5.0	ug/l	
127-18-4	Tetrachloroethylene	ND	10	5.0	ug/l	
108-88-3	Toluene	ND	10	5.0	ug/l	
79-01-6	Trichloroethylene	538	10	5.0	ug/l	

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: PIN12-RW02-N001**Lab Sample ID:** F25245-2**Date Sampled:** 07/06/04**Matrix:** AQ - Ground Water**Date Received:** 07/06/04**Method:** SW846 8260B**Percent Solids:** n/a**Project:** Star Center-B100

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-69-4	Trichlorofluoromethane	ND	10	6.0	ug/l	
75-01-4	Vinyl chloride	95.9	10	5.0	ug/l	
	m,p-Xylene	ND	20	5.0	ug/l	
95-47-6	o-Xylene	ND	10	5.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	112%		86-115%
17060-07-0	1,2-Dichloroethane-D4	96%		73-126%
2037-26-5	Toluene-D8	93%		86-112%
460-00-4	4-Bromofluorobenzene	98%		83-119%

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: PIN12-TRTI-N001	
Lab Sample ID: F25245-3	Date Sampled: 07/06/04
Matrix: AQ - Ground Water	Date Received: 07/06/04
Method: EPA 624	Percent Solids: n/a
Project: Star Center-B100	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	B023297.D	20	07/15/04	KW	n/a	n/a	VB1012
Run #2							

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

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	20	10	ug/l	
75-27-4	Bromodichloromethane	ND	20	10	ug/l	
75-25-2	Bromoform	ND	20	10	ug/l	
108-90-7	Chlorobenzene	ND	20	10	ug/l	
75-00-3	Chloroethane	ND	20	20	ug/l	
67-66-3	Chloroform	ND	20	10	ug/l	
110-75-8	2-Chloroethyl vinyl ether	ND	100	50	ug/l	
56-23-5	Carbon tetrachloride	ND	20	10	ug/l	
75-34-3	1,1-Dichloroethane	ND	20	10	ug/l	
75-35-4	1,1-Dichloroethylene	ND	20	10	ug/l	
107-06-2	1,2-Dichloroethane	ND	20	10	ug/l	
78-87-5	1,2-Dichloropropane	ND	20	10	ug/l	
124-48-1	Dibromochloromethane	ND	20	8.0	ug/l	
75-71-8	Dichlorodifluoromethane	ND	20	10	ug/l	
156-59-2	cis-1,2-Dichloroethylene	1000	20	10	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	20	6.0	ug/l	
541-73-1	m-Dichlorobenzene	ND	20	10	ug/l	
95-50-1	o-Dichlorobenzene	ND	20	10	ug/l	
106-46-7	p-Dichlorobenzene	ND	20	10	ug/l	
156-60-5	trans-1,2-Dichloroethylene	20.2	20	10	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	20	6.0	ug/l	
100-41-4	Ethylbenzene	ND	20	10	ug/l	
74-83-9	Methyl bromide	ND	20	20	ug/l	
74-87-3	Methyl chloride	ND	20	20	ug/l	
75-09-2	Methylene chloride	ND	20	20	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	20	10	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	20	10	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	20	6.0	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	20	10	ug/l	
127-18-4	Tetrachloroethylene	ND	20	10	ug/l	
108-88-3	Toluene	ND	20	10	ug/l	
79-01-6	Trichloroethylene	707	20	10	ug/l	

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: PIN12-TRTI-N001	Date Sampled: 07/06/04
Lab Sample ID: F25245-3	Date Received: 07/06/04
Matrix: AQ - Ground Water	Percent Solids: n/a
Method: EPA 624	
Project: Star Center-B100	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-69-4	Trichlorofluoromethane	ND	20	12	ug/l	
75-01-4	Vinyl chloride	121	20	10	ug/l	
	m,p-Xylene	ND	40	10	ug/l	
95-47-6	o-Xylene	ND	20	10	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	113%		86-115%
17060-07-0	1,2-Dichloroethane-D4	104%		73-126%
2037-26-5	Toluene-D8	91%		86-112%
460-00-4	4-Bromofluorobenzene	97%		83-119%

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: PIN12-TRTI-N001	Date Sampled: 07/06/04
Lab Sample ID: F25245-3	Date Received: 07/06/04
Matrix: AQ - Ground Water	Percent Solids: n/a
Project: Star Center-B100	

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed By	Method	Prep Method
Iron	5090	300	48	ug/l	1	07/14/04	07/15/04 DM	SW846 6010B ¹	SW846 3010A ²

(1) Instrument QC Batch: MA3889

(2) Prep QC Batch: MP6895

RL = Reporting Limit
 MDL = Method Detection Limit

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

Report of Analysis

Client Sample ID: PIN12-TRTI-N001	Date Sampled: 07/06/04
Lab Sample ID: F25245-3	Date Received: 07/06/04
Matrix: AQ - Ground Water	Percent Solids: n/a
Project: Star Center-B100	

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Hardness, Total as CaCO3	380	4.0	mg/l	1	07/20/04	DM	SW846 6010B/SM 2340B

RL = Reporting Limit

Report of Analysis

Client Sample ID: PIN12-TRTE-N001	
Lab Sample ID: F25245-4	Date Sampled: 07/06/04
Matrix: AQ - Ground Water	Date Received: 07/06/04
Method: EPA 624	Percent Solids: n/a
Project: Star Center-B100	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 ^a	G0029609.D	1	07/08/04	JG	n/a	n/a	VG1111
Run #2							

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

VOA Special List

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	1.0	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	1.0	1.0	ug/l	
74-87-3	Methyl chloride	ND	1.0	1.0	ug/l	
75-09-2	Methylene chloride	ND	1.0	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	

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: PIN12-TRTE-N001	
Lab Sample ID: F25245-4	Date Sampled: 07/06/04
Matrix: AQ - Ground Water	Date Received: 07/06/04
Method: EPA 624	Percent Solids: n/a
Project: Star Center-B100	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-69-4	Trichlorofluoromethane	ND	1.0	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	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	103%		86-115%
17060-07-0	1,2-Dichloroethane-D4	109%		73-126%
2037-26-5	Toluene-D8	93%		86-112%
460-00-4	4-Bromofluorobenzene	108%		83-119%

(a) Sample was treated with an anti-foaming agent.

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: PIN12-TRTE-N001	
Lab Sample ID: F25245-4	Date Sampled: 07/06/04
Matrix: AQ - Ground Water	Date Received: 07/06/04
Method: EPA 625 EPA 625	Percent Solids: n/a
Project: Star Center-B100	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L022396.D	1	07/13/04	ME	07/10/04	OP10865	SL1198
Run #2							

Run #	Initial Volume	Final Volume
Run #1	950 ml	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic Acid	ND	26	16	ug/l	
95-57-8	2-Chlorophenol	ND	5.3	2.1	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	5.3	2.1	ug/l	
120-83-2	2,4-Dichlorophenol	ND	5.3	2.1	ug/l	
105-67-9	2,4-Dimethylphenol	ND	5.3	2.1	ug/l	
51-28-5	2,4-Dinitrophenol	ND	26	11	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	11	5.3	ug/l	
95-48-7	2-Methylphenol	ND	5.3	2.1	ug/l	
	3&4-Methylphenol	ND	5.3	2.1	ug/l	
88-75-5	2-Nitrophenol	ND	5.3	2.1	ug/l	
100-02-7	4-Nitrophenol	ND	26	11	ug/l	
87-86-5	Pentachlorophenol	ND	26	11	ug/l	
108-95-2	Phenol	ND	5.3	2.1	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	5.3	2.1	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	5.3	2.1	ug/l	
83-32-9	Acenaphthene	ND	5.3	1.1	ug/l	
208-96-8	Acenaphthylene	ND	5.3	1.1	ug/l	
120-12-7	Anthracene	ND	5.3	1.1	ug/l	
56-55-3	Benzo(a)anthracene	ND	5.3	1.1	ug/l	
50-32-8	Benzo(a)pyrene	ND	5.3	1.1	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	5.3	1.1	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	5.3	2.1	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	5.3	1.1	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	5.3	1.1	ug/l	
85-68-7	Butyl benzyl phthalate	ND	5.3	2.1	ug/l	
100-51-6	Benzyl Alcohol	ND	5.3	1.1	ug/l	
91-58-7	2-Chloronaphthalene	ND	5.3	1.1	ug/l	
106-47-8	4-Chloroaniline	ND	11	3.2	ug/l	
86-74-8	Carbazole	ND	5.3	1.1	ug/l	
218-01-9	Chrysene	ND	5.3	1.1	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	5.3	1.1	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	5.3	2.1	ug/l	

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	PIN12-TRTE-N001	Date Sampled:	07/06/04
Lab Sample ID:	F25245-4	Date Received:	07/06/04
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	EPA 625 EPA 625		
Project:	Star Center-B100		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
108-60-1	bis(2-Chloroisopropyl)ether	ND	5.3	1.1	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	5.3	1.1	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	5.3	1.1	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	5.3	1.1	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	5.3	1.1	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	5.3	2.1	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	5.3	2.1	ug/l	
91-94-1	3,3' -Dichlorobenzidine	ND	11	5.3	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	5.3	2.1	ug/l	
132-64-9	Dibenzofuran	ND	5.3	1.1	ug/l	
84-74-2	Di-n-butyl phthalate	ND	5.3	2.1	ug/l	
117-84-0	Di-n-octyl phthalate	ND	5.3	2.6	ug/l	
84-66-2	Diethyl phthalate	ND	5.3	2.1	ug/l	
131-11-3	Dimethyl phthalate	ND	5.3	2.1	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	5.3	2.6	ug/l	
206-44-0	Fluoranthene	ND	5.3	1.1	ug/l	
86-73-7	Fluorene	ND	5.3	1.1	ug/l	
118-74-1	Hexachlorobenzene	ND	5.3	1.1	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.3	2.1	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	5.3	2.1	ug/l	
67-72-1	Hexachloroethane	ND	5.3	2.1	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	5.3	2.1	ug/l	
78-59-1	Isophorone	ND	5.3	1.1	ug/l	
91-57-6	2-Methylnaphthalene	ND	5.3	1.1	ug/l	
88-74-4	2-Nitroaniline	ND	5.3	2.1	ug/l	
99-09-2	3-Nitroaniline	ND	5.3	2.1	ug/l	
100-01-6	4-Nitroaniline	ND	5.3	2.1	ug/l	
91-20-3	Naphthalene	ND	5.3	1.1	ug/l	
98-95-3	Nitrobenzene	ND	5.3	1.1	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	5.3	2.1	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	5.3	2.1	ug/l	
85-01-8	Phenanthrene	ND	5.3	1.1	ug/l	
129-00-0	Pyrene	ND	5.3	1.1	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.3	1.1	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	47%		19-90%
4165-62-2	Phenol-d5	31%		10-68%
118-79-6	2,4,6-Tribromophenol	82%		36-137%

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: PIN12-TRTE-N001	
Lab Sample ID: F25245-4	Date Sampled: 07/06/04
Matrix: AQ - Ground Water	Date Received: 07/06/04
Method: EPA 625 EPA 625	Percent Solids: n/a
Project: Star Center-B100	

ABN TCL List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	78%		49-119%
321-60-8	2-Fluorobiphenyl	76%		45-118%
1718-51-0	Terphenyl-d14	74%		46-135%

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: PIN12-TRTE-N001	Date Sampled: 07/06/04
Lab Sample ID: F25245-4	Date Received: 07/06/04
Matrix: AQ - Ground Water	Percent Solids: n/a
Project: Star Center-B100	

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed By	Method	Prep Method
Iron	4940	300	48	ug/l	1	07/14/04	07/15/04 DM	SW846 6010B ¹	SW846 3010A ²

(1) Instrument QC Batch: MA3889

(2) Prep QC Batch: MP6895

RL = Reporting Limit
MDL = Method Detection Limit

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

Report of Analysis

Client Sample ID: PIN12-TRTE-N001	Date Sampled: 07/06/04
Lab Sample ID: F25245-4	Date Received: 07/06/04
Matrix: AQ - Ground Water	Percent Solids: n/a
Project: Star Center-B100	

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Hardness, Total as CaCO3	368	4.0	mg/l	1	07/20/04	DM	SW846 6010B/SM 2340B

RL = Reporting Limit

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

CLIENT INFORMATION			FACILITY INFORMATION				ANALYTICAL INFORMATION				MATRIX CODES	
S.M. Stoller NAME: 7887 Bryan Dring Rd, Suite 260 ADDRESS: Largo FL 33777 CITY: STATE: ZIP:			STAR Center - Monthly sampling PROJECT NAME: B100 LOCATION: 110406202 PROJECT NO.: FAX #:				VOC-624 VOC-826 SVOC-625 Fe+Hardness				DW - DRINKING WATER GW - GROUND WATER WW - WASTE WATER SO - SOIL SL - SLUDGE OI - OIL LIQ - OTHER LIQUID SOL - OTHER SOLID	
ACCUTEST SAMPLE #	FIELD ID / POINT OF COLLECTION	COLLECTION			MATRIX	# OF BOTTLES	PRESERVATION				LAB USE ONLY	
		DATE	TIME	SAMPLED BY:			HCl	NaOH	HPD	HPD/A		NONE
1	PIN12-RW01-N001	7-6-04	1048	JPC	GW	3	3				3	
2	PIN12-RW02-N001	↓	1050	↓	↓	3	3				3	
3	PIN12-TRTI-N001	↓	1300	↓	↓	4	3	1			3	1
4	PIN12-TRTE-N001	↓	1310	↓	↓	6	3	1	2		3	2 1
DATA TURNAROUND INFORMATION <input checked="" type="checkbox"/> STANDARD APPROVED BY: _____ <input type="checkbox"/> 48 HOUR RUSH <input type="checkbox"/> 24 HOUR EMERGENCY <input type="checkbox"/> OTHER EMERGENCY OR RUSH IS FAX DATA UNLESS PREVIOUSLY APPROVED			DATA DELIVERABLE INFORMATION <input checked="" type="checkbox"/> STANDARD <input type="checkbox"/> COMMERCIAL "B" <input type="checkbox"/> DISK DELIVERABLE <input type="checkbox"/> STATE FORMS <input type="checkbox"/> OTHER (SPECIFY) _____				COMMENTS/REMARKS 					
SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION, INCLUDING COURIER DELIVERY												
RELINQUISHED BY SAMPLER:	DATE TIME:	RECEIVED BY:	DATE TIME:	RELINQUISHED BY:	DATE TIME:	RECEIVED BY:	DATE TIME:	RELINQUISHED BY:	DATE TIME:	RECEIVED BY:	DATE TIME:	
1. J.P.C.	7/6/04	W.L.V.	7/6/04 13:50	W.L.V.	7/6/04	15:46	2. Jeff. Rutledge					
3.		3.		4.			4.					
RELINQUISHED BY:	DATE TIME:	RECEIVED BY:	DATE TIME:	RELINQUISHED BY:	DATE TIME:	RECEIVED BY:	DATE TIME:	RELINQUISHED BY:	DATE TIME:	RECEIVED BY:	DATE TIME:	
5.		5.		SEAL #		PRESERVE WHERE APPLICABLE		ON ICE		TEMPERATURE	06.14°C	

4.1
4

ACCUTEST LABORATORIES SOUTHEAST SAMPLE RECEIPT CONFIRMATION

Accutest's Job Number: **F25245**
 Client: S.M. Stoller Project: STAR Center - Monthly Sampling B100
 Date Received: 7/6/04 Time Received: 15:45
 # of Coolers Received: 2 Cooler Temperatures: 0.6, 1.4°C
 Delivery Method: FedEx UPS Accutest Courier Greyhound Delivery Other
 Air Bill Number: _____

Cooler Custody Seals Intact ?	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Chain of Custody Provided ?	<input checked="" type="radio"/> Yes	<input type="radio"/> No
COC Match Bottle Label ID's ?	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Sample Labels Present on all bottles ?	<input checked="" type="radio"/> Yes	<input type="radio"/> No
All Analyses Marked On COC ?	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Are All Bottles Intact ?	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Samples Preserved Correctly ?	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Correct Number of Containers Used ?	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Sufficient Sample Volume ?	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Trip Blank Provided ?	Yes	<input checked="" type="radio"/> No
Trip Blank on COC ?	Yes	<input checked="" type="radio"/> No
Trip Blank Intact ?	Yes	No <input checked="" type="radio"/> N/A
Trip Blank Matrix ?	Soil	Water <input checked="" type="radio"/> N/A
Number of Encores ?	<u>0</u>	
Number of Soil Field Kits ?	<u>0</u>	

Summary of Comments: _____

Signature: Kff Mintoff Date: 7/6/04
 Review Signature: _____

ASBD 12/30/03

F25245: Chain of Custody
 Page 2 of 2

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10/25/04

Technical Report for

S M Stoller

Star Center-B100 Monthly/Effluent; Largo, FL

110406202

Accutest Job Number: F25246

Sampling Date: 07/06/04

Report to:

S M Stoller

Cathy.Kelleher@gjo.doe.gov

ATTN: Cathy Kelleher

Total number of pages in report: 8



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: F25246

Star Center-B100 Monthly/Effluent; Largo, FL
Project No: 110406202

Sample Number	Collected		Matrix			Client Sample ID
	Date	Time By	Received	Code	Type	
F25246-1	07/06/04	13:12 JPC	07/06/04	AQ	Ground Water	PIN12-TRTE-N002*B100

SAMPLE DELIVERY GROUP CASE NARRATIVE

Client: S M Stoller

Job No: F25246

Site: Star Center-B100 Monthly/Effluent; Largo, FL

Report Date 7/12/2004

1 Sample was collected on 07/06/2004 and were received at Accutest on 07/06/2004 properly preserved, at 1.4 Deg. C and intact. These Samples received an Accutest job number of F25246. 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 EPA 624

Matrix: AQ

Batch ID: VG1111

All samples were analyzed within the recommended method holding time.

Samples F25243-5MS, F25243-5MSD were used as the QC samples indicated.

All method blanks for this batch meet method specific criteria.

F25246-1: Sample was treated with an anti-foaming agent.

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 Quality Objectives 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 12, 2004

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

Report of Analysis

3.1
3

Client Sample ID: PIN12-TRTE-N002*B100	
Lab Sample ID: F25246-1	Date Sampled: 07/06/04
Matrix: AQ - Ground Water	Date Received: 07/06/04
Method: EPA 624	Percent Solids: n/a
Project: Star Center-B100 Monthly/Effluent; Largo, FL	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 ^a	G0029614.D	1	07/08/04	JG	n/a	n/a	VG1111
Run #2							

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

Purgeable Aromatics

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene ^b	ND	1.0	0.50	ug/l	
108-88-3	Toluene	ND	1.0	0.50	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.50	ug/l	
95-47-6	o-Xylene	ND	1.0	0.50	ug/l	
	m,p-Xylene	ND	2.0	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	96%		86-112%
460-00-4	4-Bromofluorobenzene	108%		83-119%

- (a) Sample collected on 07/06/04 at 13:12.
 (b) Sample was treated with an anti-foaming agent.

ND = Not detected MDL - Method Detection Limit J = Indicates an estimated value
 RL = Reporting Limit B = Indicates analyte found in associated method blank
 E = 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

CHAIN OF CUSTODY

4405 VINELAND ROAD • SUITE C-15
ORLANDO, FL 32811
TEL: 407-425-6700 • FAX: 407-425-0707

ACCUTEST JOB #:
ACCUTEST QUOTE #: **F25246**

CLIENT INFORMATION			FACILITY INFORMATION				ANALYTICAL INFORMATION				MATRIX CODES	
NAME: <u>S.M. Stoller</u> ADDRESS: <u>7887 Bryan Dairy Rd., Suite 260</u> CITY: <u>Large</u> STATE: <u>FL</u> ZIP: <u>33777</u>			PROJECT NAME: <u>STAR Center - Monthly effluent sample</u> LOCATION: <u>110406202</u> PROJECT NO.: FAX #				(by 624) BTX Total VoAs				DW - DRINKING WATER GW - GROUND WATER WW - WASTE WATER SO - SOIL SL - SLUDGE OI - OIL LIQ - OTHER LIQUID SOL - OTHER SOLID	
SEND REPORT TO: PHONE #			COLLECTION DATE: TIME: SAMPLED BY: MATRIX: # OF BOTTLES: PRESERVATION:									LAB USE ONLY
ACCUTEST SAMPLE #	FIELD ID / POINT OF COLLECTION		DATE	TIME	SAMPLED BY	MATRIX	# OF BOTTLES	PRESERVATION				
1	PIN12-TRTE-N002 * B100		7-6-04	1312	JPC	GW	3	3				
DATA TURNAROUND INFORMATION <input checked="" type="checkbox"/> STANDARD APPROVED BY: _____ <input type="checkbox"/> 48 HOUR RUSH <input type="checkbox"/> 24 HOUR EMERGENCY <input type="checkbox"/> OTHER EMERGENCY OR RUSH IS FAX DATA UNLESS PREVIOUSLY APPROVED			DATA DELIVERABLE INFORMATION <input checked="" type="checkbox"/> STANDARD <input type="checkbox"/> COMMERCIAL "B" <input type="checkbox"/> DISK DELIVERABLE <input type="checkbox"/> STATE FORMS <input type="checkbox"/> OTHER (SPECIFY) _____				COMMENTS/REMARKS <u>Benzene</u> <u>Xylene</u> <u>Toluene</u> <u>Total VoAs</u> <u>Ethylbenzene</u>					
SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION, INCLUDING COURIER DELIVERY												
1. RELINQUISHED BY: <u>JPC</u>	DATE TIME: <u>7-6-04 13:30</u>	RECEIVED BY: <u>[Signature]</u>	DATE TIME: <u>7/6/04 13:30</u>	2. RELINQUISHED BY: <u>[Signature]</u>	DATE TIME: <u>7/6/04 15:45</u>	RECEIVED BY: <u>[Signature]</u>						
3. RELINQUISHED BY:	DATE TIME:	RECEIVED BY: 3.	DATE TIME:	4. RELINQUISHED BY:	DATE TIME:	RECEIVED BY: 4.						
5. RELINQUISHED BY:	DATE TIME:	RECEIVED BY: 5.	SEAL # _____ PRESERVE WHERE APPLICABLE <input type="checkbox"/> ON ICE <input type="checkbox"/> TEMPERATURE <u>0.6, 14°C</u>									

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F25246: Chain of Custody

Page 1 of 2

ACCUTEST LABORATORIES SOUTHEAST SAMPLE RECEIPT CONFIRMATION

Accutest's Job Number: **F25246**
Client: S.M. Stoller Project: STAR Center - Monthly Effluent Sample B100
Date Received: 7/6/04 Time Received: 15:45
of Coolers Received: 2 Cooler Temperatures: 0.6, 1.4°C
Delivery Method: FedEx UPS Accutest Courier Greyhound Delivery Other
Air Bill Number: _____

Cooler Custody Seals Intact ? Yes No
Chain of Custody Provided ? Yes No
COC Match Bottle Label ID's ? Yes No
Sample Labels Present on all bottles ? Yes No
All Analyses Marked On COC ? Yes No
Are All Bottles Intact ? Yes No
Samples Preserved Correctly ? Yes No
Correct Number of Containers Used ? Yes No
Sufficient Sample Volume ? Yes No
Trip Blank Provided ? Yes No
Trip Blank on COC ? Yes No
Trip Blank Intact ? Yes No N/A
Trip Blank Matrix ? Soil Water N/A
Number of Encores ? 0
Number of Soil Field Kits ? 0

Summary of Comments: _____

Signature: Jeff Mitchell Date: 7/6/04

Review Signature: _____

ASBD 12/30/03

4.1
4

F25246: Chain of Custody
Page 2 of 2



10/25/04

Technical Report for

S M Stoller

Star Center-B100

110406202/Monthly

Accutest Job Number: F25980

Sampling Date: 08/10/04

Report to:

S M Stoller

Cathy.Kelleher@gjo.doe.gov

ATTN: Cathy Kelleher

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



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: F25980

Star Center-B100

Project No: 110406202/Monthly

Sample Number	Collected		Received	Matrix		Client Sample ID
	Date	Time By		Code	Type	
F25980-1	08/10/04	10:55 JPC	08/10/04	AQ	Ground Water	PIN12-RW01-N001
F25980-2	08/10/04	10:58 JPC	08/10/04	AQ	Ground Water	PIN12-RW02-N001
F25980-3	08/10/04	11:55 JPC	08/10/04	AQ	Ground Water	PIN12-TRTI-N001
F25980-4	08/10/04	11:58 JPC	08/10/04	AQ	Ground Water	PIN12-TRTE-N001

SAMPLE DELIVERY GROUP CASE NARRATIVE

Client: S M Stoller

Job No: F25980

Site: Star Center-B100

Report Date 9/1/2004

4 Samples were collected on 08/10/2004 and were received at Accutest on 08/10/2004 properly preserved, at 0.6 Deg. C and intact. These Samples received an Accutest job number of F25980. 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 EPA 624

Matrix: AQ

Batch ID: VM12

All samples were analyzed within the recommended method holding time.

Samples F25983-5DUP, F25983-5MS 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. The Blank Spike is within limits. Data not adversely affected.

Volatiles by GCMS By Method SW846 8260B

Matrix: AQ

Batch ID: VC1094

All samples were analyzed within the recommended method holding time.

All method blanks for this batch meet method specific criteria.

Samples F25993-4MS, F25993-4MSD were used as the QC samples indicated.

MS/MSD recoveries for 2-Chloroethyl vinyl ether, Trichloroethylene are outside control limits. The Blank Spike is within limits. Data not adversely affected.

Extractables by GCMS By Method EPA 625

Matrix: AQ

Batch ID: OP11107

All samples were analyzed within the recommended method holding time.

All method blanks for this batch meet method specific criteria.

Samples F26029-5MS, F26029-5MSD were used as the QC samples indicated.

F25980-4 (PIN12-TRTE-N001): Sample extracted 1 day beyond hold time due to Hurricane Charley. Data has been footnoted accordingly.

Metals By Method SW846 6010B

Matrix: AQ

Batch ID: MP7018

Samples F25979-1DUP, F25979-1MS, F25979-1MSD, F25979-1SDL 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 Quality Objectives 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: September 02, 2004

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

Report of Analysis

Client Sample ID: PIN12-RW01-N001	
Lab Sample ID: F25980-1	Date Sampled: 08/10/04
Matrix: AQ - Ground Water	Date Received: 08/10/04
Method: SW846 8260B	Percent Solids: n/a
Project: Star Center-B100	

Run #1	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #2	C0025634.D	100	08/20/04	KW	n/a	n/a	VC1094

Run #1	Purge Volume
Run #2	5.0 ml

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	100	50	ug/l	
75-27-4	Bromodichloromethane	ND	100	50	ug/l	
75-25-2	Bromoform	ND	100	50	ug/l	
108-90-7	Chlorobenzene	ND	100	50	ug/l	
75-00-3	Chloroethane	ND	100	100	ug/l	
67-66-3	Chloroform	ND	100	50	ug/l	
110-75-8	2-Chloroethyl vinyl ether	ND	500	250	ug/l	
56-23-5	Carbon tetrachloride	ND	100	50	ug/l	
75-34-3	1,1-Dichloroethane	ND	100	50	ug/l	
75-35-4	1,1-Dichloroethylene	ND	100	50	ug/l	
107-06-2	1,2-Dichloroethane	ND	100	50	ug/l	
78-87-5	1,2-Dichloropropane	ND	100	50	ug/l	
124-48-1	Dibromochloromethane	ND	100	40	ug/l	
75-71-8	Dichlorodifluoromethane	ND	100	50	ug/l	
156-59-2	cis-1,2-Dichloroethylene	2270	100	50	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	100	30	ug/l	
541-73-1	m-Dichlorobenzene	ND	100	50	ug/l	
95-50-1	o-Dichlorobenzene	ND	100	50	ug/l	
106-46-7	p-Dichlorobenzene	ND	100	50	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	100	50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	100	30	ug/l	
100-41-4	Ethylbenzene	ND	100	50	ug/l	
74-83-9	Methyl bromide	ND	100	100	ug/l	
74-87-3	Methyl chloride	ND	100	100	ug/l	
75-09-2	Methylene chloride	ND	100	100	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	100	50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	100	50	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	100	30	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	100	50	ug/l	
127-18-4	Tetrachloroethylene	ND	100	50	ug/l	
108-88-3	Toluene	ND	100	50	ug/l	
79-01-6	Trichloroethylene	4150	100	50	ug/l	

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: PIN12-RW01-N001
Lab Sample ID: F25980-1
Matrix: AQ - Ground Water
Method: SW846 8260B
Project: Star Center-B100

Date Sampled: 08/10/04
Date Received: 08/10/04
Percent Solids: n/a

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-69-4	Trichlorofluoromethane	ND	100	60	ug/l	
75-01-4	Vinyl chloride	978	100	50	ug/l	
	m,p-Xylene	ND	200	50	ug/l	
95-47-6	o-Xylene	ND	100	50	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	95%		86-115%
17060-07-0	1,2-Dichloroethane-D4	98%		73-126%
2037-26-5	Toluene-D8	111%		86-112%
460-00-4	4-Bromofluorobenzene	103%		83-119%

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

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Client Sample ID: PIN12-RW02-N001	Date Sampled: 08/10/04
Lab Sample ID: F25980-2	Date Received: 08/10/04
Matrix: AQ - Ground Water	Percent Solids: n/a
Method: SW846 8260B	
Project: Star Center-B100	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	C0025633.D	10	08/20/04	KW	n/a	n/a	VC1094
Run #2							

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

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	10	5.0	ug/l	
75-27-4	Bromodichloromethane	ND	10	5.0	ug/l	
75-25-2	Bromoform	ND	10	5.0	ug/l	
108-90-7	Chlorobenzene	ND	10	5.0	ug/l	
75-00-3	Chloroethane	ND	10	10	ug/l	
67-66-3	Chloroform	ND	10	5.0	ug/l	
110-75-8	2-Chloroethyl vinyl ether	ND	50	25	ug/l	
56-23-5	Carbon tetrachloride	ND	10	5.0	ug/l	
75-34-3	1,1-Dichloroethane	ND	10	5.0	ug/l	
75-35-4	1,1-Dichloroethylene	12.8	10	5.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	10	5.0	ug/l	
78-87-5	1,2-Dichloropropane	ND	10	5.0	ug/l	
124-48-1	Dibromochloromethane	ND	10	4.0	ug/l	
75-71-8	Dichlorodifluoromethane	ND	10	5.0	ug/l	
156-59-2	cis-1,2-Dichloroethylene	540	10	5.0	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	10	3.0	ug/l	
541-73-1	m-Dichlorobenzene	ND	10	5.0	ug/l	
95-50-1	o-Dichlorobenzene	ND	10	5.0	ug/l	
106-46-7	p-Dichlorobenzene	ND	10	5.0	ug/l	
156-60-5	trans-1,2-Dichloroethylene	36.9	10	5.0	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	10	3.0	ug/l	
100-41-4	Ethylbenzene	ND	10	5.0	ug/l	
74-83-9	Methyl bromide	ND	10	10	ug/l	
74-87-3	Methyl chloride	ND	10	10	ug/l	
75-09-2	Methylene chloride	ND	10	10	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	10	5.0	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	10	5.0	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	10	3.0	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	10	5.0	ug/l	
127-18-4	Tetrachloroethylene	ND	10	5.0	ug/l	
108-88-3	Toluene	ND	10	5.0	ug/l	
79-01-6	Trichloroethylene	477	10	5.0	ug/l	

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: PIN12-RW02-N001**Lab Sample ID:** F25980-2**Date Sampled:** 08/10/04**Matrix:** AQ - Ground Water**Date Received:** 08/10/04**Method:** SW846 8260B**Percent Solids:** n/a**Project:** Star Center-B100

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-69-4	Trichlorofluoromethane	ND	10	6.0	ug/l	
75-01-4	Vinyl chloride	100	10	5.0	ug/l	
	m,p-Xylene	ND	20	5.0	ug/l	
95-47-6	o-Xylene	ND	10	5.0	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	95%		73-126%
2037-26-5	Toluene-D8	110%		86-112%
460-00-4	4-Bromofluorobenzene	107%		83-119%

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: PIN12-TRTI-N001	
Lab Sample ID: F25980-3	Date Sampled: 08/10/04
Matrix: AQ - Ground Water	Date Received: 08/10/04
Method: EPA 624	Percent Solids: n/a
Project: Star Center-B100	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M0000266.D	20	08/23/04	NJ	n/a	n/a	VM12
Run #2							

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

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	20	10	ug/l	
75-27-4	Bromodichloromethane	ND	20	10	ug/l	
75-25-2	Bromoform	ND	20	10	ug/l	
108-90-7	Chlorobenzene	ND	20	10	ug/l	
75-00-3	Chloroethane	ND	20	20	ug/l	
67-66-3	Chloroform	791	20	10	ug/l	
110-75-8	2-Chloroethyl vinyl ether	ND	100	50	ug/l	
56-23-5	Carbon tetrachloride	ND	20	10	ug/l	
75-34-3	1,1-Dichloroethane	ND	20	10	ug/l	
75-35-4	1,1-Dichloroethylene	13.9	20	10	ug/l	J
107-06-2	1,2-Dichloroethane	ND	20	10	ug/l	
78-87-5	1,2-Dichloropropane	ND	20	10	ug/l	
124-48-1	Dibromochloromethane	ND	20	8.0	ug/l	
75-71-8	Dichlorodifluoromethane	ND	20	10	ug/l	
156-59-2	cis-1,2-Dichloroethylene	1410	20	10	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	20	6.0	ug/l	
541-73-1	m-Dichlorobenzene	ND	20	10	ug/l	
95-50-1	o-Dichlorobenzene	ND	20	10	ug/l	
106-46-7	p-Dichlorobenzene	ND	20	10	ug/l	
156-60-5	trans-1,2-Dichloroethylene	36.6	20	10	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	20	6.0	ug/l	
100-41-4	Ethylbenzene	ND	20	10	ug/l	
74-83-9	Methyl bromide	ND	20	20	ug/l	
74-87-3	Methyl chloride	ND	20	20	ug/l	
75-09-2	Methylene chloride	66.2	20	20	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	20	10	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	20	10	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	20	6.0	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	20	10	ug/l	
127-18-4	Tetrachloroethylene	ND	20	10	ug/l	
108-88-3	Toluene	ND	20	10	ug/l	
79-01-6	Trichloroethylene	1900	20	10	ug/l	

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: PIN12-TRTI-N001	Date Sampled: 08/10/04
Lab Sample ID: F25980-3	Date Received: 08/10/04
Matrix: AQ - Ground Water	Percent Solids: n/a
Method: EPA 624	
Project: Star Center-B100	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-69-4	Trichlorofluoromethane	ND	20	12	ug/l	
75-01-4	Vinyl chloride	264	20	10	ug/l	
	m,p-Xylene	ND	40	10	ug/l	
95-47-6	o-Xylene	ND	20	10	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	100%		73-126%
2037-26-5	Toluene-D8	98%		86-112%
460-00-4	4-Bromofluorobenzene	93%		83-119%

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: PIN12-TRTI-N001 Lab Sample ID: F25980-3 Matrix: AQ - Ground Water Project: Star Center-B100	Date Sampled: 08/10/04 Date Received: 08/10/04 Percent Solids: n/a
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Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed By	Method	Prep Method
Iron	4650	300	48	ug/l	1	08/21/04	08/24/04 DM	SW846 6010B ¹	SW846 3010A ²

(1) Instrument QC Batch: MA3944

(2) Prep QC Batch: MP7018

RL = Reporting Limit
 MDL = Method Detection Limit

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

Report of Analysis

Client Sample ID: PIN12-TRTI-N001	Date Sampled: 08/10/04
Lab Sample ID: F25980-3	Date Received: 08/10/04
Matrix: AQ - Ground Water	Percent Solids: n/a
Project: Star Center-B100	

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Hardness, Total as CaCO3	357	4.0	mg/l	1	08/26/04	DM	SW846 6010B/SM 2340B

RL = Reporting Limit

Report of Analysis

Client Sample ID: PIN12-TRTE-N001	
Lab Sample ID: F25980-4	Date Sampled: 08/10/04
Matrix: AQ - Ground Water	Date Received: 08/10/04
Method: EPA 624	Percent Solids: n/a
Project: Star Center-B100	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M0000265.D	1	08/23/04	NJ	n/a	n/a	VM12
Run #2							

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

VOA Special List

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	1.0	1.0	ug/l	
67-66-3	Chloroform	5.9	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	0.61	1.0	0.50	ug/l	J
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	1.0	1.0	ug/l	
74-87-3	Methyl chloride	ND	1.0	1.0	ug/l	
75-09-2	Methylene chloride	ND	1.0	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	

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: PIN12-TRTE-N001	Date Sampled: 08/10/04
Lab Sample ID: F25980-4	Date Received: 08/10/04
Matrix: AQ - Ground Water	Percent Solids: n/a
Method: EPA 624	
Project: Star Center-B100	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-69-4	Trichlorofluoromethane	ND	1.0	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	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	105%		86-115%
17060-07-0	1,2-Dichloroethane-D4	101%		73-126%
2037-26-5	Toluene-D8	97%		86-112%
460-00-4	4-Bromofluorobenzene	92%		83-119%

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: PIN12-TRTE-N001	
Lab Sample ID: F25980-4	Date Sampled: 08/10/04
Matrix: AQ - Ground Water	Date Received: 08/10/04
Method: EPA 625 EPA 625	Percent Solids: n/a
Project: Star Center-B100	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 ^a	L022985.D	1	08/22/04	ME	08/18/04	OP11107	SL1225
Run #2							

Run #	Initial Volume	Final Volume
Run #1	950 ml	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic Acid	ND	26	16	ug/l	
95-57-8	2-Chlorophenol	ND	5.3	2.1	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	5.3	2.1	ug/l	
120-83-2	2,4-Dichlorophenol	ND	5.3	2.1	ug/l	
105-67-9	2,4-Dimethylphenol	ND	5.3	2.1	ug/l	
51-28-5	2,4-Dinitrophenol	ND	26	11	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	11	5.3	ug/l	
95-48-7	2-Methylphenol	ND	5.3	2.1	ug/l	
	3&4-Methylphenol	ND	5.3	2.1	ug/l	
88-75-5	2-Nitrophenol	ND	5.3	2.1	ug/l	
100-02-7	4-Nitrophenol	ND	26	11	ug/l	
87-86-5	Pentachlorophenol	ND	26	11	ug/l	
108-95-2	Phenol	ND	5.3	2.1	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	5.3	2.1	ug/l	
88-06-2	2,4,6-Trichlorophenol	12.9	5.3	2.1	ug/l	
83-32-9	Acenaphthene	ND	5.3	1.1	ug/l	
208-96-8	Acenaphthylene	ND	5.3	1.1	ug/l	
120-12-7	Anthracene	ND	5.3	1.1	ug/l	
56-55-3	Benzo(a)anthracene	ND	5.3	1.1	ug/l	
50-32-8	Benzo(a)pyrene	ND	5.3	1.1	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	5.3	1.1	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	5.3	2.1	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	5.3	1.1	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	5.3	1.1	ug/l	
85-68-7	Butyl benzyl phthalate	ND	5.3	2.1	ug/l	
100-51-6	Benzyl Alcohol	ND	5.3	1.1	ug/l	
91-58-7	2-Chloronaphthalene	ND	5.3	1.1	ug/l	
106-47-8	4-Chloroaniline	ND	11	3.2	ug/l	
86-74-8	Carbazole	ND	5.3	1.1	ug/l	
218-01-9	Chrysene	ND	5.3	1.1	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	5.3	1.1	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	5.3	2.1	ug/l	

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	PIN12-TRTE-N001	Date Sampled:	08/10/04
Lab Sample ID:	F25980-4	Date Received:	08/10/04
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	EPA 625 EPA 625		
Project:	Star Center-B100		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
108-60-1	bis(2-Chloroisopropyl)ether	ND	5.3	1.1	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	5.3	1.1	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	5.3	1.1	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	5.3	1.1	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	5.3	1.1	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	5.3	2.1	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	5.3	2.1	ug/l	
91-94-1	3,3' -Dichlorobenzidine	ND	11	5.3	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	5.3	2.1	ug/l	
132-64-9	Dibenzofuran	ND	5.3	1.1	ug/l	
84-74-2	Di-n-butyl phthalate	ND	5.3	2.1	ug/l	
117-84-0	Di-n-octyl phthalate	ND	5.3	2.6	ug/l	
84-66-2	Diethyl phthalate	ND	5.3	2.1	ug/l	
131-11-3	Dimethyl phthalate	ND	5.3	2.1	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	5.3	2.6	ug/l	
206-44-0	Fluoranthene	ND	5.3	1.1	ug/l	
86-73-7	Fluorene	ND	5.3	1.1	ug/l	
118-74-1	Hexachlorobenzene	ND	5.3	1.1	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.3	2.1	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	5.3	2.1	ug/l	
67-72-1	Hexachloroethane	ND	5.3	2.1	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	5.3	2.1	ug/l	
78-59-1	Isophorone	ND	5.3	1.1	ug/l	
91-57-6	2-Methylnaphthalene	ND	5.3	1.1	ug/l	
88-74-4	2-Nitroaniline	ND	5.3	2.1	ug/l	
99-09-2	3-Nitroaniline	ND	5.3	2.1	ug/l	
100-01-6	4-Nitroaniline	ND	5.3	2.1	ug/l	
91-20-3	Naphthalene	ND	5.3	1.1	ug/l	
98-95-3	Nitrobenzene	ND	5.3	1.1	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	5.3	2.1	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	5.3	2.1	ug/l	
85-01-8	Phenanthrene	ND	5.3	1.1	ug/l	
129-00-0	Pyrene	ND	5.3	1.1	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.3	1.1	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	44%		19-90%
4165-62-2	Phenol-d5	30%		10-68%
118-79-6	2,4,6-Tribromophenol	97%		36-137%

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: PIN12-TRTE-N001 Lab Sample ID: F25980-4 Matrix: AQ - Ground Water Method: EPA 625 EPA 625 Project: Star Center-B100	Date Sampled: 08/10/04 Date Received: 08/10/04 Percent Solids: n/a
--	---

ABN TCL List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	70%		49-119%
321-60-8	2-Fluorobiphenyl	84%		45-118%
1718-51-0	Terphenyl-d14	86%		46-135%

(a) Sample extracted beyond hold time.

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: PIN12-TRTE-N001	Date Sampled: 08/10/04
Lab Sample ID: F25980-4	Date Received: 08/10/04
Matrix: AQ - Ground Water	Percent Solids: n/a
Project: Star Center-B100	

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed By	Method	Prep Method
Iron	4610	300	48	ug/l	1	08/21/04	08/24/04 DM	SW846 6010B ¹	SW846 3010A ²

(1) Instrument QC Batch: MA3944

(2) Prep QC Batch: MP7018

RL = Reporting Limit
MDL = Method Detection Limit

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

Report of Analysis

Client Sample ID: PIN12-TRTE-N001	Date Sampled: 08/10/04
Lab Sample ID: F25980-4	Date Received: 08/10/04
Matrix: AQ - Ground Water	Percent Solids: n/a
Project: Star Center-B100	

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Hardness, Total as CaCO3	357	4.0	mg/l	1	08/26/04	DM	SW846 6010B/SM 2340B

RL = Reporting Limit

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

CHAIN OF CUSTODY

4405 VINELAND ROAD • SUITE C-15
ORLANDO, FL 32811
TEL: 407-425-6700 • FAX: 407-425-0707

ACCUTEST JOB #:
ACCUTEST QUOTE #: **F25980**

CLIENT INFORMATION		FACILITY INFORMATION				ANALYTICAL INFORMATION										MATRIX CODES
S.M. Stoller NAME 7887 Bryan Dairy Rd, Suite 260 ADDRESS Largo FL 33777 CITY STATE ZIP SEND REPORT TO: PHONE #		STAR Center - Monthly Sampling PROJECT NAME Building 100 LOCATION 110406202 PROJECT NO. FAX #				VOG - 8260 VOG - 624 SVOCs - 625 Fe + Hardness										DW - DRINKING WATER GW - GROUND WATER WW - WASTE WATER SO - SOIL SL - SLUDGE OI - OIL LIQ - OTHER LIQUID SOL - OTHER SOLID
ACCUTEST SAMPLE #	FIELD ID / POINT OF COLLECTION	COLLECTION			MATRIX	# OF BOTTLES	PRESERVATION					LAB USE ONLY				
		DATE	TIME	SAMPLED BY:			HCl	NOH	PHOS	H2SO4	NONE					
1	PIN12-RW01-N001	8-10-04	1055	JPC	GW	3	3					3				
2	PIN12-RW02-N001	↓	1058	↓	↓	3	3					3				
3	PIN12-TRTE-N001	↓	1155	↓	↓	4	3	1				3	1			
4	PIN12-TRTE-N001	↓	1158	↓	↓	6	3	1	2			3	2			
DATA TURNAROUND INFORMATION <input checked="" type="checkbox"/> STANDARD APPROVED BY: _____ <input type="checkbox"/> 48 HOUR RUSH <input type="checkbox"/> 24 HOUR EMERGENCY <input type="checkbox"/> OTHER EMERGENCY OR RUSH IS FAX DATA UNLESS PREVIOUSLY APPROVED		DATA DELIVERABLE INFORMATION <input checked="" type="checkbox"/> STANDARD <input type="checkbox"/> COMMERCIAL "B" <input type="checkbox"/> DISK DELIVERABLE <input type="checkbox"/> STATE FORMS <input type="checkbox"/> OTHER (SPECIFY) _____				COMMENTS/REMARKS										
SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION, INCLUDING COURIER DELIVERY																
RELINQUISHED BY SAMPLER:	DATE TIME:	RECEIVED BY:	DATE TIME:	RELINQUISHED BY:	DATE TIME:	RECEIVED BY:	DATE TIME:	RELINQUISHED BY:	DATE TIME:	RECEIVED BY:	DATE TIME:	RELINQUISHED BY:	DATE TIME:			
1. S.M. Stoller	8-10-04	1. R. Vukobratovic	8/10/04 14:38	2. R. Vukobratovic	8/10/04	2. R. Vukobratovic	17:40	3. R. Vukobratovic	8/10/04	3. R. Vukobratovic	17:40	4. R. Vukobratovic	17:40			
RELINQUISHED BY:	DATE TIME:	RECEIVED BY:	DATE TIME:	RELINQUISHED BY:	DATE TIME:	RECEIVED BY:	DATE TIME:	RELINQUISHED BY:	DATE TIME:	RECEIVED BY:	DATE TIME:	RELINQUISHED BY:	DATE TIME:			
1.		5.		SEAL #		PRESERVE WHERE APPLICABLE		ON ICE		TEMPERATURE						
										0.0.0.6 °C						

4.1
4

ACCUTEST LABORATORIES SOUTHEAST SAMPLE RECEIPT CONFIRMATION

Accutest's Job Number: **F25980**

Client: S.M. Stoller Project: STAR Center - Monthly Sampling

Date Received: 8/10/04 Time Received: 17:40

of Coolers Received: 2 Cooler Temperatures: 0.0, 0.6°C

Delivery Method: FedEx UPS **Accutest Courier** Greyhound Delivery Other

Air Bill Number: _____

Cooler Custody Seals Intact ? Yes No

Chain of Custody Provided ? Yes No

COC Match Bottle Label ID's ? Yes No

Sample Labels Present on all bottles ? Yes No

All Analyses Marked On COC ? Yes No

Are All Bottles Intact ? Yes No

Samples Preserved Correctly ? Yes No

Correct Number of Containers Used ? Yes No

Sufficient Sample Volume ? Yes No

Trip Blank Provided ? Yes No

Trip Blank on COC ? Yes No

Trip Blank Intact ? Yes No N/A

Trip Blank Matrix ? Soil Water N/A

Number of Encores ? 0

Number of Soil Field Kits ? 0

Summary of Comments: _____

Signature: Jeff Matoff Date: 8/10/04

Review Signature: _____

ASBD/HW 05/11/03

4.1
4

F25980: Chain of Custody
Page 2 of 2



10/25/04

Technical Report for

S M Stoller

Star Center-B100 Monthly/Effluent; Largo, FL

110406202

Accutest Job Number: F25981

Sampling Date: 08/10/04

Report to:

S M Stoller

Cathy.Kelleher@gjo.doe.gov

ATTN: Cathy Kelleher

Total number of pages in report: 9



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: F25981

Star Center-B100 Monthly/Effluent; Largo, FL
Project No: 110406202

Sample Number	Collected		Matrix			Client Sample ID
	Date	Time By	Received	Code	Type	
F25981-1	08/10/04	12:02 JPC	08/10/04	AQ	Ground Water	PIN12-TRTE-N002*B100

SAMPLE DELIVERY GROUP CASE NARRATIVE

Client: S M Stoller

Job No: F25981

Site: Star Center-B100 Monthly/Effluent; Largo, FL

Report Date 8/24/2004

1 Sample was collected on 08/10/2004 and were received at Accutest on 08/10/2004 properly preserved, at 0.6 Deg. C and intact. These Samples received an Accutest job number of F25981. 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 EPA 624

Matrix: AQ

Batch ID: VM10

All samples were analyzed within the recommended method holding time.

All method blanks for this batch meet method specific criteria.

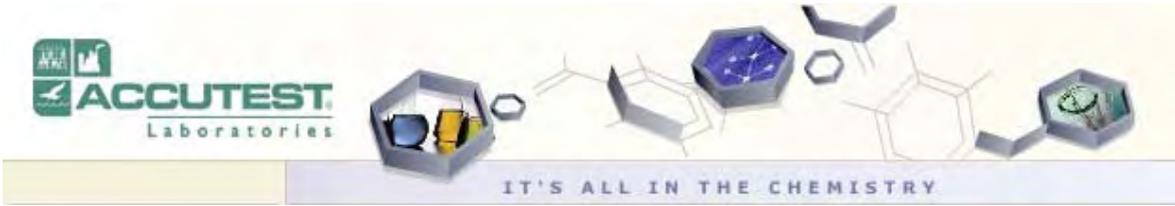
Samples F25984-1MS, F25984-1MSD were used as the QC samples indicated.

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 Quality Objectives 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 25, 2004

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



Dear Valued Clients;

As you know, Hurricane Charley made its way through Orlando with a force of 110mph winds. As a result power was lost at Accutest Labs SE as well as at numerous neighboring businesses and residential areas. Accutest Labs SE made every effort to keep coolers and refrigerators within control limits through the use of dry and wet ice along with generators. Notwithstanding our extensive efforts it is possible that the refrigerators may have exceeded the upper control limits for periods of time. This only would have affected samples received before noon on 8/13/04 and analyzed after 8/14/04. Our entire staff is working round the clock diligently attempting to ensure and maintain the integrity of your samples. We would like to assure you that we are doing everything possible to meet hold times and deliver the quality data you are accustomed to within the required turn around times. For samples that may have missed holding time, they are identified on the case narrative as " Out of Hold Due to Hurricane Charley."

We apologize for any inconvenience this may cause you. Hurricane Charley was an act of God and as such totally out of our control. The status of your project can be accessed through Lablink. If you cannot find your project through Lablink please contact me directly at the lab. You may also contact your designated project manager.

On behalf of the staff at Accutest, we would like to express our deepest appreciation for your patience during this difficult time. We also hope you and your families have recovered from any damage sustained as a result of the hurricane. Please let us know if we can be of any assistance.

*Harry Behzadi, Ph.D.
Laboratory Director
Accutest Laboratories Southeast*

Report of Analysis

3.1
3

Client Sample ID: PIN12-TRTE-N002*B100	
Lab Sample ID: F25981-1	Date Sampled: 08/10/04
Matrix: AQ - Ground Water	Date Received: 08/10/04
Method: EPA 624	Percent Solids: n/a
Project: Star Center-B100 Monthly/Effluent; Largo, FL	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 ^a	M0000230.D	1	08/20/04	NJ	n/a	n/a	VM10
Run #2							

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

Purgeable Aromatics

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.50	ug/l	
108-88-3	Toluene	ND	1.0	0.50	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.50	ug/l	
95-47-6	o-Xylene	ND	1.0	0.50	ug/l	
	m,p-Xylene	ND	2.0	0.50	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	103%		86-115%
17060-07-0	1,2-Dichloroethane-D4	101%		73-126%
2037-26-5	Toluene-D8	99%		86-112%
460-00-4	4-Bromofluorobenzene	96%		83-119%

(a) Sample collected on 08/10/04 at 12:02.

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit

J = Indicates an estimated value
 B = 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

CHAIN OF CUSTODY

4405 VINELAND ROAD • SUITE C-15
ORLANDO, FL 32811
TEL: 407-425-6700 • FAX: 407-425-0707

ACCUTEST JOB #:
ACCUTEST QUOTE #: **F25981**

CLIENT INFORMATION		FACILITY INFORMATION				ANALYTICAL INFORMATION				MATRIX CODES		
NAME: <u>S. M. Staller</u> ADDRESS: <u>7887 Bryan Dairy Rd., Suite 260</u> CITY: <u>Largo</u> STATE: <u>FL</u> ZIP: <u>33777</u> SEND REPORT TO: _____ PHONE # _____		PROJECT NAME: <u>STAR Center - Monthly effluent samp.</u> LOCATION: <u>Building 100</u> PROJECT NO.: <u>110406202</u> FAX # _____				BIEX, Total VOAs by 6/24				DW - DRINKING WATER GW - GROUND WATER WW - WASTE WATER SO - SOIL SL - SLUDGE OI - OIL LIQ - OTHER LIQUID SOL - OTHER SOLID		
ACCUTEST SAMPLE #	FIELD ID / POINT OF COLLECTION	COLLECTION		PRESERVATION							LAB USE ONLY	
		DATE	TIME	SAMPLED BY:	MATRIX	# OF BOTTLES	IC1	INCH	EMCO	HERSOA	NONE	
1	PIN12-TRTE-N002 * B100	8-10-04	1202	JPC	GW	3	3					
DATA TURNAROUND INFORMATION <input checked="" type="checkbox"/> STANDARD APPROVED BY: _____ <input type="checkbox"/> 48 HOUR RUSH <input type="checkbox"/> 24 HOUR EMERGENCY <input type="checkbox"/> OTHER _____ EMERGENCY OR RUSH IS FAX DATA UNLESS PREVIOUSLY APPROVED		DATA DELIVERABLE INFORMATION <input checked="" type="checkbox"/> STANDARD <input type="checkbox"/> COMMERCIAL "B" <input type="checkbox"/> DISK DELIVERABLE <input type="checkbox"/> STATE FORMS <input type="checkbox"/> OTHER (SPECIFY) _____				COMMENTS/REMARKS <u>Benzene</u> <u>Xylenes</u> <u>Toluene</u> <u>Total VOAs</u> <u>Ethylbenzene</u>						
SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION, INCLUDING COURIER DELIVERY												
RELINQUISHED BY SAMPLER:		DATE TIME:		RECEIVED BY:		RELINQUISHED BY:		DATE TIME:		RECEIVED BY:		
1. <u>[Signature]</u>		8-10-04		1. <u>[Signature]</u> 14:35		2. <u>[Signature]</u> 9/2/04		17:40		2. <u>[Signature]</u>		
3.				3.		4.				4.		
5.				5.		SEAL #		PRESERVE WHERE APPLICABLE		ON ICE		
										TEMPERATURE 0.0.0.0°C		

4.1
4

ACCUTEST LABORATORIES SOUTHEAST SAMPLE RECEIPT CONFIRMATION

Accutest's Job Number: **F25981**

Client: SM. Stoller Project: STAR Center - Monthly Effluent

Date Received: 8/10/04 Time Received: 17:40

of Coolers Received: 2 Cooler Temperatures: 0.0, 0.6 °C

Delivery Method: FedEx UPS Accutest Courier Greyhound Delivery Other

Air Bill Number: _____

Cooler Custody Seals Intact ? Yes No

Chain of Custody Provided ? Yes No

COC Match Bottle Label ID's ? Yes No

Sample Labels Present on all bottles ? Yes No

All Analyses Marked On COC ? Yes No

Are All Bottles Intact ? Yes No

Samples Preserved Correctly ? Yes No

Correct Number of Containers Used ? Yes No

Sufficient Sample Volume ? Yes No

Trip Blank Provided ? Yes No

Trip Blank on COC ? Yes No

Trip Blank Intact ? Yes No N/A

Trip Blank Matrix ? Soil Water N/A

Number of Encores ? 0

Number of Soil Field Kits ? 0

Summary of Comments: _____

Signature: Jeff Riedel Date: 8/10/04

Review Signature: _____

ASBD/HW 05/11/03

4.1
4

F25981: Chain of Custody
Page 2 of 2



10/25/04

Technical Report for

S M Stoller

Star Center-4.5 Acre Monthly /Effluent, FL

110406202

Accutest Job Number: F25984

Sampling Date: 08/10/04

Report to:

S M Stoller

Cathy.Kelleher@gjo.doe.gov

ATTN: Cathy Kelleher

Total number of pages in report: 9



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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4.1: Chain of Custody 8



Sample Summary

S M Stoller

Job No: F25984

Star Center-4.5 Acre Monthly /Effluent, FL
Project No: 110406202

Sample Number	Collected		Matrix			Client Sample ID
	Date	Time By	Received	Code	Type	
F25984-1	08/10/04	11:40 JPC	08/10/04	AQ	Ground Water	PIN20-TRTE-N002*4.5 ACRE SITE

SAMPLE DELIVERY GROUP CASE NARRATIVE

Client: S M Stoller

Job No: F25984

Site: Star Center-4.5 Acre Monthly /Effluent, FL

Report Date 8/24/2004

1 Sample was collected on 08/10/2004 and were received at Accutest on 08/10/2004 properly preserved, at 0.6 Deg. C and intact. These Samples received an Accutest job number of F25984. 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 EPA 624

Matrix: AQ

Batch ID: VM10

All samples were analyzed within the recommended method holding time.

All method blanks for this batch meet method specific criteria.

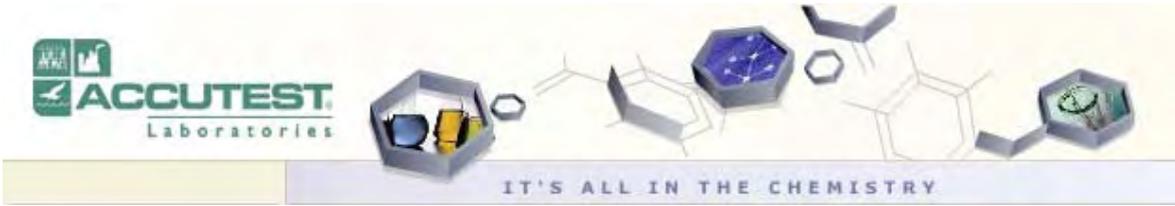
Samples F25984-1MS, F25984-1MSD were used as the QC samples indicated.

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 Quality Objectives 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 25, 2004

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



Dear Valued Clients;

As you know, Hurricane Charley made its way through Orlando with a force of 110mph winds. As a result power was lost at Accutest Labs SE as well as at numerous neighboring businesses and residential areas. Accutest Labs SE made every effort to keep coolers and refrigerators within control limits through the use of dry and wet ice along with generators. Notwithstanding our extensive efforts it is possible that the refrigerators may have exceeded the upper control limits for periods of time. This only would have affected samples received before noon on 8/13/04 and analyzed after 8/14/04. Our entire staff is working round the clock diligently attempting to ensure and maintain the integrity of your samples. We would like to assure you that we are doing everything possible to meet hold times and deliver the quality data you are accustomed to within the required turn around times. For samples that may have missed holding time, they are identified on the case narrative as " Out of Hold Due to Hurricane Charley."

We apologize for any inconvenience this may cause you. Hurricane Charley was an act of God and as such totally out of our control. The status of your project can be accessed through Lablink. If you cannot find your project through Lablink please contact me directly at the lab. You may also contact your designated project manager.

On behalf of the staff at Accutest, we would like to express our deepest appreciation for your patience during this difficult time. We also hope you and your families have recovered from any damage sustained as a result of the hurricane. Please let us know if we can be of any assistance.

*Harry Behzadi, Ph.D.
Laboratory Director
Accutest Laboratories Southeast*

Report of Analysis

3.1
3

Client Sample ID: PIN20-TRTE-N002*4.5 ACRE SITE	Date Sampled: 08/10/04
Lab Sample ID: F25984-1	Date Received: 08/10/04
Matrix: AQ - Ground Water	Percent Solids: n/a
Method: EPA 624	
Project: Star Center-4.5 Acre Monthly /Effluent, FL	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 ^a	M0000227.D	1	08/20/04	NJ	n/a	n/a	VM10
Run #2							

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

Purgeable Aromatics

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.50	ug/l	
108-88-3	Toluene	ND	1.0	0.50	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.50	ug/l	
95-47-6	o-Xylene	ND	1.0	0.50	ug/l	
	m,p-Xylene	ND	2.0	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	101%		73-126%
2037-26-5	Toluene-D8	97%		86-112%
460-00-4	4-Bromofluorobenzene	96%		83-119%

(a) Sample collected on 08/10/04 at 11:40.

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = 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

CHAIN OF CUSTODY

4405 VINELAND ROAD • SUITE C-15
ORLANDO, FL 32811
TEL: 407-425-6700 • FAX: 407-425-0707

ACCUTEST JOB #:
ACCUTEST QUOTE #: **F25984**

CLIENT INFORMATION		FACILITY INFORMATION				ANALYTICAL INFORMATION				MATRIX CODES	
S.M. Stoller NAME 7887 Bryan Dairy Rd., Suite 260 ADDRESS Largo FL 33777 CITY STATE ZIP SEND REPORT TO: PHONE #		STAR Center - Monthly effluent samp. PROJECT NAME 4.5 Acre Site LOCATION 110406202 PROJECT NO. FAX #				BTEX, Total VOAs by 624				DW - DRINKING WATER GW - GROUND WATER WW - WASTE WATER SO - SOIL SL - SLUDGE OI - OIL LIQ - OTHER LIQUID SOL - OTHER SOLID	
ACCUTEST SAMPLE #	FIELD ID / POINT OF COLLECTION	COLLECTION		PRESERVATION							
		DATE	TIME	SAMPLED BY:	MATRIX	# OF BOTTLES	HT	INCH	INCH	INCH	INCH
1	PN20 - TRTE - N002 * 4.5 Acre Site	8-10-04	1140	JPC	Gw	3	3				
DATA TURNAROUND INFORMATION <input checked="" type="checkbox"/> STANDARD <input type="checkbox"/> 48 HOUR RUSH <input type="checkbox"/> 24 HOUR EMERGENCY <input type="checkbox"/> OTHER EMERGENCY OR RUSH IS FAX DATA UNLESS PREVIOUSLY APPROVED		DATA DELIVERABLE INFORMATION <input checked="" type="checkbox"/> STANDARD <input type="checkbox"/> COMMERCIAL "B" <input type="checkbox"/> DISK DELIVERABLE <input type="checkbox"/> STATE FORMS <input type="checkbox"/> OTHER (SPECIFY)				COMMENTS/REMARKS Benzene Xylenes Toluene Total VOAs Ethylbenzene					
SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION, INCLUDING COURIER DELIVERY											
RELINQUISHED BY SAMPLER:	DATE TIME:	RECEIVED BY:	DATE TIME:	RELINQUISHED BY:	DATE TIME:	RECEIVED BY:	DATE TIME:				
1. J.P. Car	8-10-04/	1. J.P. Car	8/10/04	2. J.P. Car	8/10/04	2. J.P. Car	17:40				
RELINQUISHED BY:	DATE TIME:	RECEIVED BY:	DATE TIME:	RELINQUISHED BY:	DATE TIME:	RECEIVED BY:	DATE TIME:				
3.		3.		4.		4.					
RELINQUISHED BY:	DATE TIME:	RECEIVED BY:	DATE TIME:	SEAL #	PRESERVE WHERE APPLICABLE	ON ICE	TEMPERATURE				
5.		5.			<input type="checkbox"/>	<input type="checkbox"/>	0.0°C				

4.1
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F25984: Chain of Custody

Page 1 of 2

ACCUTEST LABORATORIES SOUTHEAST SAMPLE RECEIPT CONFIRMATION

Accutest's Job Number: **F25984**
Client: S.M. Sfolter Project: STAR Center - 4.5 Acre Site Monthly Eff.
Date Received: 8/10/04 Time Received: 17:40
of Coolers Received: 2 Cooler Temperatures: 0.0, 0.6°C
Delivery Method: FedEx UPS Accutest Courier Greyhound Delivery Other
Air Bill Number: _____

Cooler Custody Seals Intact ?	<u>Yes</u>	No
Chain of Custody Provided ?	<u>Yes</u>	No
COC Match Bottle Label ID's ?	<u>Yes</u>	No
Sample Labels Present on all bottles ?	<u>Yes</u>	No
All Analyses Marked On COC ?	<u>Yes</u>	No
Are All Bottles Intact ?	<u>Yes</u>	No
Samples Preserved Correctly ?	<u>Yes</u>	No
Correct Number of Containers Used ?	<u>Yes</u>	No
Sufficient Sample Volume ?	<u>Yes</u>	No
Trip Blank Provided ?	Yes	<u>No</u>
Trip Blank on COC ?	Yes	<u>No</u>
Trip Blank Intact ?	Yes	No <u>N/A</u>
Trip Blank Matrix ?	Soil	Water <u>N/A</u>
Number of Encores ?	<u>0</u>	
Number of Soil Field Kits ?	<u>0</u>	

Summary of Comments: _____

Signature: [Signature] Date: 8/10/04
Review Signature: _____

ASBD/HW 05/11/03

F25984: Chain of Custody
Page 2 of 2

4.1
4



10/25/04

Technical Report for

S M Stoller

Star Center-B100 Monthly/Effluent; Largo, FL

110406202

Accutest Job Number: F26617

Sampling Date: 09/09/04

Report to:

S M Stoller

Cathy.Kelleher@gjo.doe.gov

ATTN: Cathy Kelleher

Total number of pages in report: **8**



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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Section 3: Sample Results 5

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Section 4: Misc. Forms 6

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Sample Summary

S M Stoller

Job No: F26617

Star Center-B100 Monthly/Effluent; Largo, FL
Project No: 110406202

Sample Number	Collected		Matrix			Client Sample ID
	Date	Time By	Received	Code	Type	
F26617-1	09/09/04	13:05 JPC	09/10/04	AQ	Ground Water	PIN12-TRTE-N002*B100

SAMPLE DELIVERY GROUP CASE NARRATIVE

Client: S M Stoller

Job No: F26617

Site: Star Center-B100 Monthly/Effluent; Largo, FL

Report Date 9/20/2004

1 Sample was collected on 09/09/2004 and were received at Accutest on 09/10/2004 properly preserved, at 3 Deg. C and intact. These Samples received an Accutest job number of F26617. 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 EPA 624

Matrix: AQ

Batch ID: VC1121

All samples were analyzed within the recommended method holding time.

Samples F26619-4MS, F26619-4MSD were used as the QC samples indicated.

All method blanks for this batch meet method specific criteria.

Blank Spike Recovery for Toluene is above control limits. The associated sample is non-detect. Data not adversely affected.

F26617-1: Sample collected on 09/09/04 at 13:05.

F26617-1 for Benzene: Sample was treated with an anti-foaming agent.

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 Quality Objectives 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: September 21, 2004

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

Report of Analysis

3.1
3

Client Sample ID: PIN12-TRTE-N002*B100	Date Sampled: 09/09/04
Lab Sample ID: F26617-1	Date Received: 09/10/04
Matrix: AQ - Ground Water	Percent Solids: n/a
Method: EPA 624	
Project: Star Center-B100 Monthly/Effluent; Largo, FL	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 ^a	C0026325.D	1	09/17/04	KW	n/a	n/a	VC1121
Run #2							

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

Purgeable Aromatics

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene ^b	ND	1.0	0.50	ug/l	
108-88-3	Toluene	ND	1.0	0.50	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.50	ug/l	
95-47-6	o-Xylene	ND	1.0	0.50	ug/l	
	m,p-Xylene	ND	2.0	0.50	ug/l	

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

- (a) Sample collected on 09/09/04 at 13:05.
 (b) Sample was treated with an anti-foaming agent.

ND = Not detected MDL - Method Detection Limit J = Indicates an estimated value
 RL = Reporting Limit B = Indicates analyte found in associated method blank
 E = 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

ACCUTEST LABORATORIES SOUTHEAST SAMPLE RECEIPT CONFIRMATION

F26617

Accutest's Job Number:

Client: SM Stoller

Project: Star Center - monthly EBF

Date Received: 9/9/04

Time Received: 17:30

of Coolers Received: 1 Cooler Temperatures: 30

Delivery Method: FedEx UPS Accutest Courier Greyhound Delivery Other

Air Bill Number:

Cooler Custody Seals Intact? Yes No

Chain of Custody Provided? Yes No

COC Match Bottle Label ID's? Yes No

Sample Labels Present on all bottles? Yes No

All Analyses Marked On COC? Yes No

Are All Bottles Intact? Yes No

Samples Preserved Correctly? Yes No

Correct Number of Containers Used? Yes No

Sufficient Sample Volume? Yes No

Trip Blank Provided? Yes No

Trip Blank on COC? Yes No

Trip Blank Intact? Yes No

Trip Blank Matrix? Soil Water

Number of Encores?

Number of Soil Field Kits?

Summary of Comments:

Signature: _____ Date: 9/9/04

Review Signature: _____



10/25/04

Technical Report for

S M Stoller

Star Center-B100

110406202/Monthly Sampling

Accutest Job Number: F26620

Sampling Date: 09/09/04

Report to:

S M Stoller

Cathy.Kelleher@gjo.doe.gov

ATTN: Cathy Kelleher

Total number of pages in report: **23**



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: F26620

Star Center-B100

Project No: 110406202/Monthly Sampling

Sample Number	Collected		Received	Matrix		Client Sample ID
	Date	Time By		Code	Type	
F26620-1	09/09/04	11:13 JPC	09/09/04	AQ	Ground Water	PIN12-RW01-N001
F26620-2	09/09/04	11:15 JPC	09/09/04	AQ	Ground Water	PIN12-RW02-N001
F26620-3	09/09/04	12:54 JPC	09/09/04	AQ	Ground Water	PIN12-TRTI-N001
F26620-4	09/09/04	13:03 JPC	09/09/04	AQ	Ground Water	PIN12-TRTE-N001

SAMPLE DELIVERY GROUP CASE NARRATIVE

Client: S M Stoller

Job No: F26620

Site: Star Center-B100

Report Date 10/4/2004

4 Samples were collected on 09/09/2004 and were received at Accutest on 09/09/2004 properly preserved, at 3 Deg. C and intact. These Samples received an Accutest job number of F26620. 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 EPA 624

Matrix: AQ

Batch ID: VC1121

All samples were analyzed within the recommended method holding time.

Samples F26619-4MS, F26619-4MSD 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.

Blank Spike Recoveries for 2-Chloroethyl vinyl ether, Toluene above outside control limits. All associated samples were non-detect for these compounds. Data not adversely affected.

F26620-4: Sample was treated with an anti-foaming agent.

Volatiles by GCMS By Method SW846 8260B

Matrix: AQ

Batch ID: VB1058

All samples were analyzed within the recommended method holding time.

All method blanks for this batch meet method specific criteria.

Samples F26630-1MS, F26630-1MSD 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: VC1120

All samples were analyzed within the recommended method holding time.

All method blanks for this batch meet method specific criteria.

Samples F26664-1MS, F26664-1MSD were used as the QC samples indicated.

MS/MSD recoveries for 2-Chloroethyl vinyl ether, Methyl Tert Butyl Ether are outside control limits. Probable cause due to matrix Interference and/or high level in sample relative to spike amount.

RPD for MS/MSD for 2-Chloroethyl vinyl ether is outside control limits for sample F26664-1MSD. Probable cause due to sample homogeneity.

Blank Spike Recovery for 2-Chloroethyl vinyl ether is above control limits. All associated samples were non-detect for this compound. Data not adversely affected.

Extractables by GCMS By Method EPA 625

Matrix: AQ

Batch ID: OP11284

All samples were analyzed within the recommended method holding time.

All samples were extracted within the recommended method holding time.

All method blanks for this batch meet method specific criteria.

Samples F26604-6MS, F26604-6MSD were used as the QC samples indicated.

Blank Spike Recovery for Hexachlorocyclopentadiene is 1% below control limits. The recovery for Isophorone is 2% below control limits. The recoveries for these two compounds were within limits in the MS/MSD. Data not adversely affected.

Metals By Method SW846 6010B

Matrix: AQ

Batch ID: MP7134

Samples F26511-1DUP, F26511-1MS, F26511-1MSD, F26511-1SDL were used as the QC samples for metals.

All method blanks for this batch meet method specific criteria.

RPD for Serial Dilution for Iron is outside control limits for sample MP7134-SD1. Probable cause due to sample homogeneity.

MP7134-SD1 for Iron: Serial dilution indicates possible matrix interference.

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 Quality Objectives 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: October 04, 2004

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

Report of Analysis

Client Sample ID: PIN12-RW01-N001	
Lab Sample ID: F26620-1	Date Sampled: 09/09/04
Matrix: AQ - Ground Water	Date Received: 09/09/04
Method: SW846 8260B	Percent Solids: n/a
Project: Star Center-B100	

Run #1	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #2	C0026298.D	100	09/16/04	KW	n/a	n/a	VC1120

Run #1	Purge Volume
Run #2	5.0 ml

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	100	50	ug/l	
75-27-4	Bromodichloromethane	ND	100	50	ug/l	
75-25-2	Bromoform	ND	100	50	ug/l	
108-90-7	Chlorobenzene	ND	100	50	ug/l	
75-00-3	Chloroethane	ND	100	100	ug/l	
67-66-3	Chloroform	ND	100	50	ug/l	
110-75-8	2-Chloroethyl vinyl ether	ND	500	250	ug/l	
56-23-5	Carbon tetrachloride	ND	100	50	ug/l	
75-34-3	1,1-Dichloroethane	ND	100	50	ug/l	
75-35-4	1,1-Dichloroethylene	ND	100	50	ug/l	
107-06-2	1,2-Dichloroethane	ND	100	50	ug/l	
78-87-5	1,2-Dichloropropane	ND	100	50	ug/l	
124-48-1	Dibromochloromethane	ND	100	40	ug/l	
75-71-8	Dichlorodifluoromethane	ND	100	50	ug/l	
156-59-2	cis-1,2-Dichloroethylene	3090	100	50	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	100	30	ug/l	
541-73-1	m-Dichlorobenzene	ND	100	50	ug/l	
95-50-1	o-Dichlorobenzene	ND	100	50	ug/l	
106-46-7	p-Dichlorobenzene	ND	100	50	ug/l	
156-60-5	trans-1,2-Dichloroethylene	52.5	100	50	ug/l	J
10061-02-6	trans-1,3-Dichloropropene	ND	100	30	ug/l	
100-41-4	Ethylbenzene	ND	100	50	ug/l	
74-83-9	Methyl bromide	ND	100	100	ug/l	
74-87-3	Methyl chloride	ND	100	100	ug/l	
75-09-2	Methylene chloride	ND	100	100	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	100	50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	100	50	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	100	30	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	100	50	ug/l	
127-18-4	Tetrachloroethylene	ND	100	50	ug/l	
108-88-3	Toluene	ND	100	50	ug/l	
79-01-6	Trichloroethylene	5550	100	50	ug/l	

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: PIN12-RW01-N001
Lab Sample ID: F26620-1
Matrix: AQ - Ground Water
Method: SW846 8260B
Project: Star Center-B100

Date Sampled: 09/09/04
Date Received: 09/09/04
Percent Solids: n/a

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-69-4	Trichlorofluoromethane	ND	100	60	ug/l	
75-01-4	Vinyl chloride	645	100	50	ug/l	
	m,p-Xylene	ND	200	50	ug/l	
95-47-6	o-Xylene	ND	100	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	101%		73-126%
2037-26-5	Toluene-D8	97%		86-112%
460-00-4	4-Bromofluorobenzene	96%		83-119%

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: PIN12-RW02-N001	
Lab Sample ID: F26620-2	Date Sampled: 09/09/04
Matrix: AQ - Ground Water	Date Received: 09/09/04
Method: SW846 8260B	Percent Solids: n/a
Project: Star Center-B100	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	B024518.D	10	09/15/04	KW	n/a	n/a	VB1058
Run #2							

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

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	10	5.0	ug/l	
75-27-4	Bromodichloromethane	ND	10	5.0	ug/l	
75-25-2	Bromoform	ND	10	5.0	ug/l	
108-90-7	Chlorobenzene	ND	10	5.0	ug/l	
75-00-3	Chloroethane	ND	10	10	ug/l	
67-66-3	Chloroform	ND	10	5.0	ug/l	
110-75-8	2-Chloroethyl vinyl ether	ND	50	25	ug/l	
56-23-5	Carbon tetrachloride	ND	10	5.0	ug/l	
75-34-3	1,1-Dichloroethane	ND	10	5.0	ug/l	
75-35-4	1,1-Dichloroethylene	16.5	10	5.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	10	5.0	ug/l	
78-87-5	1,2-Dichloropropane	ND	10	5.0	ug/l	
124-48-1	Dibromochloromethane	ND	10	4.0	ug/l	
75-71-8	Dichlorodifluoromethane	ND	10	5.0	ug/l	
156-59-2	cis-1,2-Dichloroethylene	691	10	5.0	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	10	3.0	ug/l	
541-73-1	m-Dichlorobenzene	ND	10	5.0	ug/l	
95-50-1	o-Dichlorobenzene	ND	10	5.0	ug/l	
106-46-7	p-Dichlorobenzene	ND	10	5.0	ug/l	
156-60-5	trans-1,2-Dichloroethylene	52.7	10	5.0	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	10	3.0	ug/l	
100-41-4	Ethylbenzene	ND	10	5.0	ug/l	
74-83-9	Methyl bromide	ND	10	10	ug/l	
74-87-3	Methyl chloride	ND	10	10	ug/l	
75-09-2	Methylene chloride	ND	10	10	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	10	5.0	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	10	5.0	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	10	3.0	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	10	5.0	ug/l	
127-18-4	Tetrachloroethylene	ND	10	5.0	ug/l	
108-88-3	Toluene	ND	10	5.0	ug/l	
79-01-6	Trichloroethylene	615	10	5.0	ug/l	

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: PIN12-RW02-N001
Lab Sample ID: F26620-2
Matrix: AQ - Ground Water
Method: SW846 8260B
Project: Star Center-B100

Date Sampled: 09/09/04
Date Received: 09/09/04
Percent Solids: n/a

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-69-4	Trichlorofluoromethane	ND	10	6.0	ug/l	
75-01-4	Vinyl chloride	91.0	10	5.0	ug/l	
	m,p-Xylene	ND	20	5.0	ug/l	
95-47-6	o-Xylene	ND	10	5.0	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	105%		73-126%
2037-26-5	Toluene-D8	101%		86-112%
460-00-4	4-Bromofluorobenzene	100%		83-119%

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: PIN12-TRTI-N001	
Lab Sample ID: F26620-3	Date Sampled: 09/09/04
Matrix: AQ - Ground Water	Date Received: 09/09/04
Method: EPA 624	Percent Solids: n/a
Project: Star Center-B100	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	C0026333.D	20	09/17/04	KW	n/a	n/a	VC1121
Run #2							

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

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	20	10	ug/l	
75-27-4	Bromodichloromethane	ND	20	10	ug/l	
75-25-2	Bromoform	ND	20	10	ug/l	
108-90-7	Chlorobenzene	ND	20	10	ug/l	
75-00-3	Chloroethane	ND	20	20	ug/l	
67-66-3	Chloroform	743	20	10	ug/l	
110-75-8	2-Chloroethyl vinyl ether	ND	100	50	ug/l	
56-23-5	Carbon tetrachloride	ND	20	10	ug/l	
75-34-3	1,1-Dichloroethane	ND	20	10	ug/l	
75-35-4	1,1-Dichloroethylene	14.7	20	10	ug/l	J
107-06-2	1,2-Dichloroethane	ND	20	10	ug/l	
78-87-5	1,2-Dichloropropane	ND	20	10	ug/l	
124-48-1	Dibromochloromethane	ND	20	8.0	ug/l	
75-71-8	Dichlorodifluoromethane	ND	20	10	ug/l	
156-59-2	cis-1,2-Dichloroethylene	1330	20	10	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	20	6.0	ug/l	
541-73-1	m-Dichlorobenzene	ND	20	10	ug/l	
95-50-1	o-Dichlorobenzene	ND	20	10	ug/l	
106-46-7	p-Dichlorobenzene	ND	20	10	ug/l	
156-60-5	trans-1,2-Dichloroethylene	30.0	20	10	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	20	6.0	ug/l	
100-41-4	Ethylbenzene	ND	20	10	ug/l	
74-83-9	Methyl bromide	ND	20	20	ug/l	
74-87-3	Methyl chloride	ND	20	20	ug/l	
75-09-2	Methylene chloride	ND	20	20	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	20	10	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	20	10	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	20	6.0	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	20	10	ug/l	
127-18-4	Tetrachloroethylene	ND	20	10	ug/l	
108-88-3	Toluene	ND	20	10	ug/l	
79-01-6	Trichloroethylene	1950	20	10	ug/l	

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: PIN12-TRTI-N001	
Lab Sample ID: F26620-3	Date Sampled: 09/09/04
Matrix: AQ - Ground Water	Date Received: 09/09/04
Method: EPA 624	Percent Solids: n/a
Project: Star Center-B100	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-69-4	Trichlorofluoromethane	ND	20	12	ug/l	
75-01-4	Vinyl chloride	195	20	10	ug/l	
	m,p-Xylene	ND	40	10	ug/l	
95-47-6	o-Xylene	ND	20	10	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	96%		73-126%
2037-26-5	Toluene-D8	98%		86-112%
460-00-4	4-Bromofluorobenzene	98%		83-119%

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: PIN12-TRTI-N001	Date Sampled: 09/09/04
Lab Sample ID: F26620-3	Date Received: 09/09/04
Matrix: AQ - Ground Water	Percent Solids: n/a
Project: Star Center-B100	

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed By	Method	Prep Method
Iron	4980	300	48	ug/l	1	09/20/04	09/30/04 DM	SW846 6010B ¹	SW846 3010A ²

(1) Instrument QC Batch: MA4001

(2) Prep QC Batch: MP7134

RL = Reporting Limit
 MDL = Method Detection Limit

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

Report of Analysis

Client Sample ID: PIN12-TRTI-N001	Date Sampled: 09/09/04
Lab Sample ID: F26620-3	Date Received: 09/09/04
Matrix: AQ - Ground Water	Percent Solids: n/a
Project: Star Center-B100	

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Hardness, Total as CaCO3	376	4.0	mg/l	1	10/01/04	DM	SW846 6010B/SM 2340B

RL = Reporting Limit

Report of Analysis

Client Sample ID: PIN12-TRTE-N001	
Lab Sample ID: F26620-4	Date Sampled: 09/09/04
Matrix: AQ - Ground Water	Date Received: 09/09/04
Method: EPA 624	Percent Solids: n/a
Project: Star Center-B100	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 ^a	C0026327.D	1	09/17/04	KW	n/a	n/a	VC1121
Run #2							

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

VOA Special List

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	1.0	1.0	ug/l	
67-66-3	Chloroform	8.7	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	1.0	1.0	ug/l	
74-87-3	Methyl chloride	ND	1.0	1.0	ug/l	
75-09-2	Methylene chloride	ND	1.0	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	

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: PIN12-TRTE-N001**Lab Sample ID:** F26620-4**Date Sampled:** 09/09/04**Matrix:** AQ - Ground Water**Date Received:** 09/09/04**Method:** EPA 624**Percent Solids:** n/a**Project:** Star Center-B100

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-69-4	Trichlorofluoromethane	ND	1.0	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	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		86-115%
17060-07-0	1,2-Dichloroethane-D4	95%		73-126%
2037-26-5	Toluene-D8	100%		86-112%
460-00-4	4-Bromofluorobenzene	101%		83-119%

(a) Sample was treated with an anti-foaming agent.

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: PIN12-TRTE-N001	
Lab Sample ID: F26620-4	Date Sampled: 09/09/04
Matrix: AQ - Ground Water	Date Received: 09/09/04
Method: EPA 625 EPA 625	Percent Solids: n/a
Project: Star Center-B100	

Run #1	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L023327.D	1	09/14/04	ME	09/11/04	OP11284	SL1241
Run #2							

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

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic Acid	ND	24	15	ug/l	
95-57-8	2-Chlorophenol	ND	4.9	1.9	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	4.9	1.9	ug/l	
120-83-2	2,4-Dichlorophenol	2.4	4.9	1.9	ug/l	J
105-67-9	2,4-Dimethylphenol	ND	4.9	1.9	ug/l	
51-28-5	2,4-Dinitrophenol	ND	24	9.7	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	9.7	4.9	ug/l	
95-48-7	2-Methylphenol	ND	4.9	1.9	ug/l	
	3&4-Methylphenol	ND	4.9	1.9	ug/l	
88-75-5	2-Nitrophenol	ND	4.9	1.9	ug/l	
100-02-7	4-Nitrophenol	ND	24	9.7	ug/l	
87-86-5	Pentachlorophenol	ND	24	9.7	ug/l	
108-95-2	Phenol	ND	4.9	1.9	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	4.9	1.9	ug/l	
88-06-2	2,4,6-Trichlorophenol	33.5	4.9	1.9	ug/l	
83-32-9	Acenaphthene	ND	4.9	0.97	ug/l	
208-96-8	Acenaphthylene	ND	4.9	0.97	ug/l	
120-12-7	Anthracene	ND	4.9	0.97	ug/l	
56-55-3	Benzo(a)anthracene	ND	4.9	0.97	ug/l	
50-32-8	Benzo(a)pyrene	ND	4.9	0.97	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	4.9	0.97	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	4.9	1.9	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	4.9	0.97	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	4.9	0.97	ug/l	
85-68-7	Butyl benzyl phthalate	ND	4.9	1.9	ug/l	
100-51-6	Benzyl Alcohol	ND	4.9	0.97	ug/l	
91-58-7	2-Chloronaphthalene	ND	4.9	0.97	ug/l	
106-47-8	4-Chloroaniline	ND	9.7	2.9	ug/l	
86-74-8	Carbazole	ND	4.9	0.97	ug/l	
218-01-9	Chrysene	ND	4.9	0.97	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	4.9	0.97	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	4.9	1.9	ug/l	

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	PIN12-TRTE-N001	Date Sampled:	09/09/04
Lab Sample ID:	F26620-4	Date Received:	09/09/04
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	EPA 625 EPA 625		
Project:	Star Center-B100		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
108-60-1	bis(2-Chloroisopropyl)ether	ND	4.9	0.97	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	4.9	0.97	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	4.9	0.97	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	4.9	0.97	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	4.9	0.97	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	4.9	1.9	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	4.9	1.9	ug/l	
91-94-1	3,3' -Dichlorobenzidine	ND	9.7	4.9	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	4.9	1.9	ug/l	
132-64-9	Dibenzofuran	ND	4.9	0.97	ug/l	
84-74-2	Di-n-butyl phthalate	ND	4.9	1.9	ug/l	
117-84-0	Di-n-octyl phthalate	ND	4.9	2.4	ug/l	
84-66-2	Diethyl phthalate	ND	4.9	1.9	ug/l	
131-11-3	Dimethyl phthalate	ND	4.9	1.9	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	4.9	2.4	ug/l	
206-44-0	Fluoranthene	ND	4.9	0.97	ug/l	
86-73-7	Fluorene	ND	4.9	0.97	ug/l	
118-74-1	Hexachlorobenzene	ND	4.9	0.97	ug/l	
87-68-3	Hexachlorobutadiene	ND	4.9	1.9	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	4.9	1.9	ug/l	
67-72-1	Hexachloroethane	ND	4.9	1.9	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	4.9	1.9	ug/l	
78-59-1	Isophorone	ND	4.9	0.97	ug/l	
91-57-6	2-Methylnaphthalene	ND	4.9	0.97	ug/l	
88-74-4	2-Nitroaniline	ND	4.9	1.9	ug/l	
99-09-2	3-Nitroaniline	ND	4.9	1.9	ug/l	
100-01-6	4-Nitroaniline	ND	4.9	1.9	ug/l	
91-20-3	Naphthalene	ND	4.9	0.97	ug/l	
98-95-3	Nitrobenzene	ND	4.9	0.97	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	4.9	1.9	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	4.9	1.9	ug/l	
85-01-8	Phenanthrene	ND	4.9	0.97	ug/l	
129-00-0	Pyrene	ND	4.9	0.97	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	4.9	0.97	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	37%		19-90%
4165-62-2	Phenol-d5	24%		10-68%
118-79-6	2,4,6-Tribromophenol	85%		36-137%

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: PIN12-TRTE-N001	
Lab Sample ID: F26620-4	Date Sampled: 09/09/04
Matrix: AQ - Ground Water	Date Received: 09/09/04
Method: EPA 625 EPA 625	Percent Solids: n/a
Project: Star Center-B100	

ABN TCL List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	59%		49-119%
321-60-8	2-Fluorobiphenyl	68%		45-118%
1718-51-0	Terphenyl-d14	75%		46-135%

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: PIN12-TRTE-N001	Date Sampled: 09/09/04
Lab Sample ID: F26620-4	Date Received: 09/09/04
Matrix: AQ - Ground Water	Percent Solids: n/a
Project: Star Center-B100	

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed By	Method	Prep Method
Iron	4840	300	48	ug/l	1	09/20/04	09/30/04 DM	SW846 6010B ¹	SW846 3010A ²

(1) Instrument QC Batch: MA4001

(2) Prep QC Batch: MP7134

RL = Reporting Limit
 MDL = Method Detection Limit

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

Report of Analysis

Client Sample ID: PIN12-TRTE-N001	Date Sampled: 09/09/04
Lab Sample ID: F26620-4	Date Received: 09/09/04
Matrix: AQ - Ground Water	Percent Solids: n/a
Project: Star Center-B100	

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Hardness, Total as CaCO3	368	4.0	mg/l	1	10/01/04	DM	SW846 6010B/SM 2340B

RL = Reporting Limit

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

CHAIN OF CUSTODY

4405 VINELAND ROAD • SUITE C-15
ORLANDO, FL 32811
TEL: 407-425-6700 • FAX: 407-425-0707

ACCUTEST JOB #: **F26620**
ACCUTEST QUOTE #:

CLIENT INFORMATION			FACILITY INFORMATION				ANALYTICAL INFORMATION				MATRIX CODES	
NAME: <u>S.M. Stoller</u> ADDRESS: <u>7887 Bryan Dairy Rd., Suite 260</u> CITY: <u>Largo</u> STATE: <u>FL</u> ZIP: <u>33777</u> SEND REPORT TO: _____ PHONE # _____			PROJECT NAME: <u>STAR Center - Monthly sampling</u> LOCATION: <u>B100</u> PROJECT NO.: <u>110406202</u> FAX # _____				VOC-8260 VOC-624 SVOC-625 Fe + Hardness				DW - DRINKING WATER GW - GROUND WATER WW - WASTE WATER SO - SOIL SL - SLUDGE OI - OIL LIQ - OTHER LIQUID SOL - OTHER SOLID	
ACCUTEST SAMPLE #	FIELD ID / POINT OF COLLECTION	COLLECTION			MATRIX	# OF BOTTLES	PRESERVATION				LAB USE ONLY	
		DATE	TIME	SAMPLED BY:			ICE	NOAH	INAO	HEBOK		NONE
1	PIN12-RW01-N001	9-9-04	1113	JPC	GW	3	3				3	
2	PIN12-RW02-N001	↓	1115	↓	↓	3	3				3	
3	PIN12-TRTI-N001	↓	1254	↓	↓	4	3	1			3	1
4	PIN12-TRTE-N001	↓	1303	↓	↓	6	3	1	2		3	2 1
DATA TURNAROUND INFORMATION <input checked="" type="checkbox"/> STANDARD APPROVED BY: _____ <input type="checkbox"/> 48 HOUR RUSH <input type="checkbox"/> 24 HOUR EMERGENCY <input type="checkbox"/> OTHER _____ EMERGENCY OR RUSH IS FAX DATA UNLESS PREVIOUSLY APPROVED			DATA DELIVERABLE INFORMATION <input checked="" type="checkbox"/> STANDARD <input type="checkbox"/> COMMERCIAL "B" <input type="checkbox"/> DISK DELIVERABLE <input type="checkbox"/> STATE FORMS <input type="checkbox"/> OTHER (SPECIFY) _____				COMMENTS/REMARKS 					
SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION, INCLUDING COURIER DELIVERY												
RELINQUISHED BY: 1. <u>[Signature]</u>	DATE TIME: 9-9-04	RECEIVED BY: 1. <u>[Signature]</u>	DATE TIME: 9/9/04 14:45	RELINQUISHED BY: 2. <u>[Signature]</u>	DATE TIME: 17130	RECEIVED BY: 2. <u>[Signature]</u>						
RELINQUISHED BY: 3.	DATE TIME:	RECEIVED BY: 3.		RELINQUISHED BY: 4.	DATE TIME:	RECEIVED BY: 4.						
RELINQUISHED BY: 5.	DATE TIME:	RECEIVED BY: 5.		SEAL #	PRESERVE WHERE APPLICABLE <input type="checkbox"/>	ON ICE <input type="checkbox"/>	TEMPERATURE <u>3.0 C</u>					

4.1
4

ACCUTEST LABORATORIES SOUTHEAST SAMPLE RECEIPT CONFIRMATION

Accutest's Job Number: **F26620**

Client: S.M. Steller Project: Star Center - Monthly

Date Received: 9/9/04 Time Received: 17:30

of Coolers Received: 1 Cooler Temperatures: 3.0

Delivery Method: FedEx UPS Accutest Courier Greyhound Delivery Other

Air Bill Number:

Cooler Custody Seals Intact? Yes No

Chain of Custody Provided? Yes No

COC Match Bottle Label ID's? Yes No

Sample Labels Present on all bottles? Yes No

All Analyses Marked On COC? Yes No

Are All Bottles Intact? Yes No

Samples Preserved Correctly? Yes No

Correct Number of Containers Used? Yes No

Sufficient Sample Volume? Yes No

Trip Blank Provided? Yes No

Trip Blank Intact? Yes No

Trip Blank Matrix? Yes No

Number of Encores? Soil Water N/A

Number of Soil Field Kits?

Summary of Comments:

Signature: _____ Date: 9/9/04

Review Signature: _____
ASBD/HW CS-1103