Southeast ACCUTEST Laboratories

IT'S ALL IN THE CHEMISTRY

05/11/06

Technical Report for

S M Stoller

Star Center-B100 Monthly/Effluent; Largo, FL

7031-226

Accutest Job Number: F37650

Sampling Date: 01/05/06

Report to:

S M Stoller

Cathy.Kelleher@gjo.doe.gov

ATTN: Cathy Kelleher

Total number of pages in report: **13**

ACCUTEST LABORATORIES 50 YEARS 1956-2006

ACCREDITED IN ACCORDANCE WITH nelac

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

Harry Behzadi, Ph.D.
Laboratory Director

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

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Accutest LabLink@49223 13:29 11-May-2006

Sample Summary

S M Stoller

Job No: F37650

Star Center-B100 Monthly/Effluent; Largo, FL
Project No: 7031-226

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
F37650-1	01/05/06	11:02	JPC	01/05/06	AQ	Ground Water	PIN12-TRTE-N002*B100

SAMPLE DELIVERY GROUP CASE NARRATIVE

Client: S M Stoller **Job No:** F37650

Site: Star Center-B100 Monthly/Effluent; Largo, FL **Report Date** 1/13/2006

1 Samples were collected on 01/05/2006 and were received at Accutest on 01/05/2006 properly preserved, at 2.4 Deg. C and intact. These Samples received an Accutest job number of F37650.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:** VB1514

All method blanks for this batch meet method specific criteria.

Samples F37692-1MS, F37692-1MSD 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 QualityObjectives for precision, accuracy and completeness as specified in the ALSE Quality Manual except as noted above. This report is to be used in its entirety. ALSE is not responsible for any assumptions of data quality if partial data packages are used.

Narrative prepared by:

Date: January 13, 2006

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

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	PIN12-TRTE-N002*B100		
Lab Sample ID:	F37650-1	**Date Sampled:**	01/05/06
Matrix:	AQ - Ground Water	**Date Received:**	01/05/06
Method:	EPA 624	**Percent Solids:**	n/a
Project:	Star Center-B100 Monthly/Effluent; Largo, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	B035810.D	1	01/11/06	KW	n/a	n/a	VB1514
Run #2							

	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	102%		86-115%
17060-07-0	1,2-Dichloroethane-D4	105%		73-126%
2037-26-5	Toluene-D8	104%		86-112%
460-00-4	4-Bromofluorobenzene	117%		83-119%

(a) Sample collected on 01/05/06 at 11:02.

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

ACCUTEST Laboratories

CHAIN OF CUSTODY

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

ACCUTEST JOB #:
ACCUTEST QUOTE #: F37650

CLIENT INFORMATION

NAME: S.M. Stoller
ADDRESS: 7887 Bryan Dairy Rd., Suite 260
CITY: Largo STATE: FL ZIP: 33777
SEND REPORT TO:
PHONE #:

FACILITY INFORMATION

PROJECT NAME: STAR Center - Monthly effluent sample
LOCATION: B100
PROJECT NO.: 7031-226
FAX #:

ANALYTICAL INFORMATION

BTEX, Total VOAs (by 624)

MATRIX CODES

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 DATE	COLLECTION TIME	SAMPLED BY:	MATRIX	# OF BOTTLES	PRESERVATION HCl	NaOH	HNO3	H2SO4	NONE	BTEX, Total VOAs (by 624)	LAB USE ONLY
1	PIN12-TRTE-N002 * B100	1-5-06	1102	JPC	GW	3	3					3	

DATA TURNAROUND INFORMATION

- [x] STANDARD
- [ ] 48 HOUR RUSH
- [ ] 24 HOUR EMERGENCY
- [ ] OTHER

APPROVED BY:

EMERGENCY OR RUSH IS FAX DATA UNLESS PREVIOUSLY APPROVED

DATA DELIVERABLE INFORMATION

- [x] STANDARD
- [ ] COMMERCIAL "B"
- [ ] DISK DELIVERABLE
- [ ] STATE FORMS
- [ ] OTHER (SPECIFY)

COMMENTS/REMARKS

Benzene, Xylenes, Toluene, Total VOAs, Ethylbenzene

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESION, INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER:	DATE TIME:	RECEIVED BY:	RELINQUISHED BY:	DATE TIME:	RECEIVED BY:
1. J.P. Cu 1-5-06	1240	1. [signature] 1/6/06	2. [signature]		[signature] 1/6/06 0600
RELINQUISHED BY: 3.	DATE TIME:	RECEIVED BY: 3.	RELINQUISHED BY: 4.	DATE TIME:	RECEIVED BY: 4.
RELINQUISHED BY:	DATE TIME:	RECEIVED BY: 5.	SEAL #	PRESERVE WHERE APPLICABLE ☐	ON ICE ☐ TEMPERATURE ____ C

4.1
4

F37650: Chain of Custody
Page 1 of 2

ACCUTEST LABORATORIES SAMPLE RECEIPT CONFIRMATION

ACCUTEST'S JOB NUMBER: F37650 CLIENT: S.M. Stoller PROJECT: Stone Center Monthly Effluent Sampl

DATE/TIME RECEIVED: 1/6/06 0600 # OF COOLERS RECEIVED: ___ COOLER TEMPS: 2.4

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

AIRBILL NUMBERS: ___

COOLER INFORMATION

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

TRIP BLANK INFORMATION

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

SOIL INFORMATION

NUMBER OF ENCORES ? 0

NUMBER OF 5035 FIELD KITS ? 0

SAMPLE INFORMATION

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

SUMMARY OF COMMENTS: ___

TECHNICIAN SIGNATURE/DATE MS 1/6/06 TECHNICIAN SIGNATURE/DATE ___

ASR06/20/05

4.1

4

F37650: Chain of Custody

Page 2 of 2

GC/MS Volatiles

QC Data Summaries

Includes the following where applicable:

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

Method Blank Summary

Job Number: F37650
Account: STOLCOGJ S M Stoller
Project: Star Center-B100 Monthly/Effluent; Largo, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VB1514-MB	B035809.D	1	01/11/06	KW	n/a	n/a	VB1514

The QC reported here applies to the following samples: **Method:** EPA 624

F37650-1

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.50	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.50	ug/l	
108-88-3	Toluene	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		Limits
1868-53-7	Dibromofluoromethane	103%	86-115%
17060-07-0	1,2-Dichloroethane-D4	108%	73-126%
2037-26-5	Toluene-D8	102%	86-112%
460-00-4	4-Bromofluorobenzene	112%	83-119%

Blank Spike Summary

Job Number: F37650
Account: STOLCOGJ S M Stoller
Project: Star Center-B100 Monthly/Effluent; Largo, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VB1514-BS	B035808.D	1	01/11/06	KW	n/a	n/a	VB1514

The QC reported here applies to the following samples: **Method:** EPA 624

F37650-1

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
71-43-2	Benzene	25	26.1	104	80-120
100-41-4	Ethylbenzene	25	26.4	106	82-115
108-88-3	Toluene	25	28.6	114	81-114
	m,p-Xylene	50	53.5	107	83-118
95-47-6	o-Xylene	25	25.6	102	77-119

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	102%	86-115%
17060-07-0	1,2-Dichloroethane-D4	110%	73-126%
2037-26-5	Toluene-D8	104%	86-112%
460-00-4	4-Bromofluorobenzene	105%	83-119%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F37650
Account: STOLCOGJ S M Stoller
Project: Star Center-B100 Monthly/Effluent; Largo, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
F37692-1MS	B035815.D	1	01/11/06	KW	n/a	n/a	VB1514
F37692-1MSD	B035816.D	1	01/11/06	KW	n/a	n/a	VB1514
F37692-1	B035813.D	1	01/11/06	KW	n/a	n/a	VB1514

The QC reported here applies to the following samples: **Method:** EPA 624

F37650-1

CAS No.	Compound	F37692-1 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	1.0 U		25	27.6	110	26.3	105	5	72-125/7
100-41-4	Ethylbenzene	1.0 U		25	26.9	108	26.5	106	1	73-119/8
108-88-3	Toluene	1.0 U		25	29.7	119	28.9	116	3	67-123/8
	m,p-Xylene	2.0 U		50	53.7	107	53.2	106	1	74-123/7
95-47-6	o-Xylene	1.0 U		25	25.7	103	25.8	103	0	68-123/7

CAS No.	Surrogate Recoveries	MS	MSD	F37692-1	Limits
1868-53-7	Dibromofluoromethane	98%	100%	99%	86-115%
17060-07-0	1,2-Dichloroethane-D4	102%	108%	99%	73-126%
2037-26-5	Toluene-D8	105%	104%	106%	86-112%
460-00-4	4-Bromofluorobenzene	109%	108%	115%	83-119%

Southeast ACCUTEST Laboratories

IT'S ALL IN THE CHEMISTRY

05/11/06

Technical Report for

S M Stoller

Star Center-B100

7031-226

Accutest Job Number: F37651

Sampling Date: 01/05/06

Report to:

S M Stoller

Cathy.Kelleher@gjo.doe.gov

ATTN: Cathy Kelleher

Total number of pages in report: **53**

ACCUTEST LABORATORIES 50 YEARS 1956-2006

ACCREDITED IN ACCORDANCE WITH nelac

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

Harry Behzadi, Ph.D.
Laboratory Director

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

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Accutest LabLink@49223 13:30 11-May-2006

Sample Summary

S M Stoller

Job No: F37651

Star Center-B100
Project No: 7031-226

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
F37651-1	01/05/06	10:42	JPC	01/05/06	AQ	Ground Water	PIN12-RW01-N001
F37651-2	01/05/06	10:44	JPC	01/05/06	AQ	Ground Water	PIN12-RW02-N001
F37651-3	01/05/06	10:55	JPC	01/05/06	AQ	Ground Water	PIN12-TRTI-N001
F37651-4	01/05/06	11:00	JPC	01/05/06	AQ	Ground Water	PIN12-TRTE-N001
F37651-5	01/05/06	10:33	JPC	01/05/06	AQ	Water	PIN18-EFF2-N001

SAMPLE DELIVERY GROUP CASE NARRATIVE

Client: S M Stoller **Job No:** F37651

Site: Star Center-B100 **Report Date** 1/17/2006

5 Samples were collected on 01/05/2006 and were received at Accutest on 01/05/2006 properly preserved, at 2.4 Deg. C and intact. These Samples received an Accutest job number of F37651.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:** VB1514

Samples F37692-1MS, F37692-1MSD were used as the QC samples indicated.

All method blanks for this batch meet method specific criteria.

Volatiles by GCMS By Method SW846 8260B

Matrix: AQ **Batch ID:** VC1542

Samples F37635-3MS, F37635-3MSD were used as the QC samples indicated.

All method blanks for this batch meet method specific criteria.

Extractables by GCMS By Method EPA 625

Matrix: AQ **Batch ID:** OP15470

Samples F37651-4MS, F37651-4MSD were used as the QC samples indicated.

All method blanks for this batch meet method specific criteria.

Metals By Method SW846 6010B

Matrix: AQ **Batch ID:** MP9088

Samples F37634-9DUP, F37634-9MS, F37634-9MSD, F37634-9SDL, F37634-9DUP were used as the QC samples for metals.

All method blanks for this batch meet method specific criteria.

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

Narrative prepared by:

Date: January 17, 2006

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

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	PIN12-RW01-N001		
Lab Sample ID:	F37651-1	**Date Sampled:**	01/05/06
Matrix:	AQ - Ground Water	**Date Received:**	01/05/06
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Star Center-B100		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	C0037982.D	100	01/10/06	KW	n/a	n/a	VC1542
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	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	200	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	2750	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	200	100	ug/l	
74-87-3	Methyl chloride	ND	200	100	ug/l	
75-09-2	Methylene chloride	ND	500	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	40	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	3730	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:	F37651-1	**Date Sampled:**	01/05/06
Matrix:	AQ - Ground Water	**Date Received:**	01/05/06
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	200	50	ug/l	
75-01-4	Vinyl chloride	543	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	103%		86-115%
17060-07-0	1,2-Dichloroethane-D4	92%		73-126%
2037-26-5	Toluene-D8	96%		86-112%
460-00-4	4-Bromofluorobenzene	101%		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:	F37651-2	**Date Sampled:**	01/05/06
Matrix:	AQ - Ground Water	**Date Received:**	01/05/06
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Star Center-B100		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	C0037983.D	10	01/10/06	KW	n/a	n/a	VC1542
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	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	20	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	5.8	10	5.0	ug/l	J
75-35-4	1,1-Dichloroethylene	13.5	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	552	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	41.5	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	20	10	ug/l	
74-87-3	Methyl chloride	ND	20	10	ug/l	
75-09-2	Methylene chloride	ND	50	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	4.0	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	280	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:	F37651-2	**Date Sampled:**	01/05/06
Matrix:	AQ - Ground Water	**Date Received:**	01/05/06
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	20	5.0	ug/l	
75-01-4	Vinyl chloride	55.6	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	102%		86-115%
17060-07-0	1,2-Dichloroethane-D4	92%		73-126%
2037-26-5	Toluene-D8	95%		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

Client Sample ID:	PIN12-TRTI-N001		
Lab Sample ID:	F37651-3	**Date Sampled:**	01/05/06
Matrix:	AQ - Ground Water	**Date Received:**	01/05/06
Method:	EPA 624	**Percent Solids:**	n/a
Project:	Star Center-B100		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	B035811.D	50	01/11/06	KW	n/a	n/a	VB1514
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	50	25	ug/l	
75-27-4	Bromodichloromethane	ND	50	25	ug/l	
75-25-2	Bromoform	ND	50	25	ug/l	
108-90-7	Chlorobenzene	ND	50	25	ug/l	
75-00-3	Chloroethane	ND	100	50	ug/l	
67-66-3	Chloroform	ND	50	25	ug/l	
110-75-8	2-Chloroethyl vinyl ether	ND	250	130	ug/l	
56-23-5	Carbon tetrachloride	ND	50	25	ug/l	
75-34-3	1,1-Dichloroethane	ND	50	25	ug/l	
75-35-4	1,1-Dichloroethylene	ND	50	25	ug/l	
107-06-2	1,2-Dichloroethane	ND	50	25	ug/l	
78-87-5	1,2-Dichloropropane	ND	50	25	ug/l	
124-48-1	Dibromochloromethane	ND	50	20	ug/l	
75-71-8	Dichlorodifluoromethane	ND	50	25	ug/l	
156-59-2	cis-1,2-Dichloroethylene	1540	50	25	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	50	15	ug/l	
541-73-1	m-Dichlorobenzene	ND	50	25	ug/l	
95-50-1	o-Dichlorobenzene	ND	50	25	ug/l	
106-46-7	p-Dichlorobenzene	ND	50	25	ug/l	
156-60-5	trans-1,2-Dichloroethylene	40.0	50	25	ug/l	J
10061-02-6	trans-1,3-Dichloropropene	ND	50	15	ug/l	
100-41-4	Ethylbenzene	ND	50	25	ug/l	
74-83-9	Methyl bromide	ND	100	50	ug/l	
74-87-3	Methyl chloride	ND	100	50	ug/l	
75-09-2	Methylene chloride	ND	250	50	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	50	25	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	50	25	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	50	20	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	50	25	ug/l	
127-18-4	Tetrachloroethylene	ND	50	25	ug/l	
108-88-3	Toluene	ND	50	25	ug/l	
79-01-6	Trichloroethylene	1320	50	25	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:	F37651-3	**Date Sampled:**	01/05/06
Matrix:	AQ - Ground Water	**Date Received:**	01/05/06
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	100	25	ug/l	
75-01-4	Vinyl chloride	166	50	25	ug/l	
	m,p-Xylene	ND	100	25	ug/l	
95-47-6	o-Xylene	ND	50	25	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	100%		86-115%
17060-07-0	1,2-Dichloroethane-D4	103%		73-126%
2037-26-5	Toluene-D8	104%		86-112%
460-00-4	4-Bromofluorobenzene	116%		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:	F37651-3	**Date Sampled:**	01/05/06
Matrix:	AQ - Ground Water	**Date Received:**	01/05/06
		Percent Solids:	n/a
Project:	Star Center-B100		

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Iron	4900	300	7.5	ug/l	1	01/09/06	01/09/06	DM	SW846 6010B [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA4742
(2) Prep QC Batch: MP9088

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		
Lab Sample ID:	F37651-3	**Date Sampled:**	01/05/06
Matrix:	AQ - Ground Water	**Date Received:**	01/05/06
		Percent Solids:	n/a
Project:	Star Center-B100		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Hardness, Total as CaCO3	372	4.0	mg/l	1	01/17/06	DM	SW846 6010B/SM 2340B

RL = Reporting Limit

Report of Analysis

Client Sample ID:	PIN12-TRTE-N001		
Lab Sample ID:	F37651-4	**Date Sampled:**	01/05/06
Matrix:	AQ - Ground Water	**Date Received:**	01/05/06
Method:	EPA 624	**Percent Solids:**	n/a
Project:	Star Center-B100		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	B035814.D	1	01/11/06	KW	n/a	n/a	VB1514
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.50	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.50	ug/l	
75-25-2	Bromoform	ND	1.0	0.50	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.50	ug/l	
75-00-3	Chloroethane	ND	2.0	1.0	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
110-75-8	2-Chloroethyl vinyl ether	ND	5.0	2.5	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.50	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.50	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.50	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.50	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.50	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.40	ug/l	
75-71-8	Dichlorodifluoromethane	ND	1.0	0.50	ug/l	
156-59-2	cis-1,2-Dichloroethylene	1.5	1.0	0.50	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.30	ug/l	
541-73-1	m-Dichlorobenzene	ND	1.0	0.50	ug/l	
95-50-1	o-Dichlorobenzene	ND	1.0	0.50	ug/l	
106-46-7	p-Dichlorobenzene	ND	1.0	0.50	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.50	ug/l	
74-83-9	Methyl bromide	ND	2.0	1.0	ug/l	
74-87-3	Methyl chloride	ND	2.0	1.0	ug/l	
75-09-2	Methylene chloride	ND	5.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.50	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.40	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:	F37651-4	**Date Sampled:**	01/05/06
Matrix:	AQ - Ground Water	**Date Received:**	01/05/06
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	2.0	0.50	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	100%		86-115%
17060-07-0	1,2-Dichloroethane-D4	99%		73-126%
2037-26-5	Toluene-D8	106%		86-112%
460-00-4	4-Bromofluorobenzene	115%		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:	F37651-4	**Date Sampled:**	01/05/06
Matrix:	AQ - Ground Water	**Date Received:**	01/05/06
Method:	EPA 625 EPA 625	**Percent Solids:**	n/a
Project:	Star Center-B100		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	R00429.D	1	01/11/06	NJ	01/11/06	OP15470	SR25
Run #2							

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

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic Acid	ND	24	9.6	ug/l	
95-57-8	2-Chlorophenol	ND	4.8	1.9	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	4.8	1.9	ug/l	
120-83-2	2,4-Dichlorophenol	ND	4.8	1.9	ug/l	
105-67-9	2,4-Dimethylphenol	ND	4.8	1.9	ug/l	
51-28-5	2,4-Dinitrophenol	ND	24	9.6	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	9.6	4.8	ug/l	
95-48-7	2-Methylphenol	ND	4.8	1.9	ug/l	
	3&4-Methylphenol	ND	4.8	1.9	ug/l	
88-75-5	2-Nitrophenol	ND	4.8	1.9	ug/l	
100-02-7	4-Nitrophenol	ND	24	9.6	ug/l	
87-86-5	Pentachlorophenol	ND	24	9.6	ug/l	
108-95-2	Phenol	ND	4.8	1.9	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	4.8	1.9	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	4.8	1.9	ug/l	
83-32-9	Acenaphthene	ND	4.8	0.96	ug/l	
208-96-8	Acenaphthylene	ND	4.8	0.96	ug/l	
120-12-7	Anthracene	ND	4.8	0.96	ug/l	
56-55-3	Benzo(a)anthracene	ND	4.8	0.96	ug/l	
50-32-8	Benzo(a)pyrene	ND	4.8	0.96	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	4.8	0.96	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	4.8	1.9	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	4.8	0.96	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	4.8	0.96	ug/l	
85-68-7	Butyl benzyl phthalate	ND	4.8	1.9	ug/l	
100-51-6	Benzyl Alcohol	ND	4.8	0.96	ug/l	
91-58-7	2-Chloronaphthalene	ND	4.8	0.96	ug/l	
106-47-8	4-Chloroaniline	ND	9.6	3.8	ug/l	
86-74-8	Carbazole	ND	4.8	0.96	ug/l	
218-01-9	Chrysene	ND	4.8	0.96	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	4.8	0.96	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	4.8	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		
Lab Sample ID:	F37651-4	**Date Sampled:**	01/05/06
Matrix:	AQ - Ground Water	**Date Received:**	01/05/06
Method:	EPA 625 EPA 625	**Percent Solids:**	n/a
Project:	Star Center-B100		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
108-60-1	bis(2-Chloroisopropyl)ether	ND	4.8	0.96	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	4.8	0.96	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	4.8	0.96	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	4.8	0.96	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	4.8	0.96	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	4.8	1.9	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	4.8	1.9	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	9.6	4.8	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	4.8	1.9	ug/l	
132-64-9	Dibenzofuran	ND	4.8	0.96	ug/l	
84-74-2	Di-n-butyl phthalate	ND	4.8	1.9	ug/l	
117-84-0	Di-n-octyl phthalate	ND	4.8	2.4	ug/l	
84-66-2	Diethyl phthalate	ND	4.8	1.9	ug/l	
131-11-3	Dimethyl phthalate	ND	4.8	1.9	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	4.8	2.4	ug/l	
206-44-0	Fluoranthene	ND	4.8	0.96	ug/l	
86-73-7	Fluorene	ND	4.8	0.96	ug/l	
118-74-1	Hexachlorobenzene	ND	4.8	0.96	ug/l	
87-68-3	Hexachlorobutadiene	ND	4.8	1.9	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	4.8	1.9	ug/l	
67-72-1	Hexachloroethane	ND	4.8	1.9	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	4.8	1.9	ug/l	
78-59-1	Isophorone	ND	4.8	0.96	ug/l	
91-57-6	2-Methylnaphthalene	ND	4.8	0.96	ug/l	
88-74-4	2-Nitroaniline	ND	9.6	3.8	ug/l	
99-09-2	3-Nitroaniline	ND	9.6	3.8	ug/l	
100-01-6	4-Nitroaniline	ND	9.6	3.8	ug/l	
91-20-3	Naphthalene	ND	4.8	0.96	ug/l	
98-95-3	Nitrobenzene	ND	4.8	0.96	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	4.8	1.9	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	4.8	1.9	ug/l	
85-01-8	Phenanthrene	ND	4.8	0.96	ug/l	
129-00-0	Pyrene	ND	4.8	0.96	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	4.8	0.96	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	38%		19-90%
4165-62-2	Phenol-d5	23%		10-68%
118-79-6	2,4,6-Tribromophenol	80%		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:	F37651-4	**Date Sampled:**	01/05/06
Matrix:	AQ - Ground Water	**Date Received:**	01/05/06
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	68%		49-119%
321-60-8	2-Fluorobiphenyl	72%		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		
Lab Sample ID:	F37651-4	**Date Sampled:**	01/05/06
Matrix:	AQ - Ground Water	**Date Received:**	01/05/06
		Percent Solids:	n/a
Project:	Star Center-B100		

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Iron	5200	300	7.5	ug/l	1	01/09/06	01/09/06	DM	SW846 6010B [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA4742
(2) Prep QC Batch: MP9088

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		
Lab Sample ID:	F37651-4	**Date Sampled:**	01/05/06
Matrix:	AQ - Ground Water	**Date Received:**	01/05/06
		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	01/17/06	DM	SW846 6010B/SM 2340B

RL = Reporting Limit

Report of Analysis

Client Sample ID:	PIN18-EFF2-N001		
Lab Sample ID:	F37651-5	**Date Sampled:**	01/05/06
Matrix:	AQ - Water	**Date Received:**	01/05/06
		Percent Solids:	n/a
Project:	Star Center-B100		

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	3.0 B	10	2.9	ug/l	1	01/09/06	01/09/06	DM	SW846 6010B [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA4742
(2) Prep QC Batch: MP9088

RL = Reporting Limit
MDL = Method Detection Limit

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

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

ACCUTEST Laboratories

CHAIN OF CUSTODY

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

ACCUTEST JOB #:
ACCUTEST QUOTE #: F37651

CLIENT INFORMATION

NAME: S.M. Stoller
ADDRESS: 7887 Bryan Dairy Rd, Suite 260
CITY: Largo STATE: FL ZIP: 33777
SEND REPORT TO:
PHONE #:

FACILITY INFORMATION

PROJECT NAME: STAR Center - Monthly sampling
LOCATION: B100 / WWNA
PROJECT NO.: 7031-226
FAX #:

ANALYTICAL INFORMATION

MATRIX CODES

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 DATE	TIME	SAMPLED BY:	MATRIX	# OF BOTTLES	PRESERVATION HCl	NaOH	HNO3	H2SO4	NONE	VOCs - 8260	VOCs - 624	SVOCs - 625	Fe + Hardness	Arsenic	LAB USE ONLY
1	PIN12-RW01-N001	1-5-06	1042	JPC	GW	3	3					3					
2	PIN12-RW02-N001	↓	1044	↓	↓	3	3					3					
3	PIN12-TRTI-N001		1055			4	3		1				3		1		
4	PIN12-TRTE-N001		1100		↓	6	3		1		2		3	2	1		
5	PIN18-EFF2-N001	↓	1033	↓	WW	1			1							1	

DATA TURNAROUND INFORMATION

- ☑ STANDARD
- ☐ 48 HOUR RUSH
- ☐ 24 HOUR EMERGENCY
- ☐ OTHER

APPROVED BY:

EMERGENCY OR RUSH IS FAX DATA UNLESS PREVIOUSLY APPROVED

DATA DELIVERABLE INFORMATION

- ☑ STANDARD
- ☐ COMMERCIAL "B"
- ☐ DISK DELIVERABLE
- ☐ STATE FORMS
- ☐ OTHER (SPECIFY)

COMMENTS/REMARKS

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESION, INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER:	DATE TIME:	RECEIVED BY:	RELINQUISHED BY:	DATE TIME:	RECEIVED BY:
[signature]	1-5-06 / 1240	1. [signature] (accutest) 1/5/06 1240	2. [signature] (accutest)		3. [signature] 1/6/06 0600
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 ☐	ON ICE ☐ TEMPERATURE ____ C

4.1
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F37651: Chain of Custody
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ACCUTEST LABORATORIES SAMPLE RECEIPT CONFIRMATION

ACCUTEST'S JOB NUMBER: F37651 CLIENT: S.M. Stoller PROJECT: Star Center- Monthly Sample

DATE/TIME RECEIVED: 1/6/06 0600 # OF COOLERS RECEIVED: 1 COOLER TEMPS: 2.4

METHOD OF DELIVERY: FEDEX UPS ACCUTEST COURIER GREYHOUND DELIVERY OTHER

AIRBILL NUMBERS:

COOLER INFORMATION

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

TRIP BLANK INFORMATION

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

SAMPLE INFORMATION

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

SOIL INFORMATION

NUMBER OF ENCORES ? 0

NUMBER OF 5035 FIELD KITS ? 0

SUMMARY OF COMMENTS:

TECHNICIAN SIGNATURE/DATE [illegible] 1/6/06 TECHNICIAN SIGNATURE/DATE

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F37651: Chain of Custody

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GC/MS Volatiles

QC Data Summaries

Includes the following where applicable:

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

Method Blank Summary

Job Number: F37651
Account: STOLCOGJ S M Stoller
Project: Star Center-B100

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VB1514-MB	B035809.D	1	01/11/06	KW	n/a	n/a	VB1514

The QC reported here applies to the following samples: **Method:** EPA 624

F37651-3, F37651-4

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

Method Blank Summary

Job Number: F37651
Account: STOLCOGJ S M Stoller
Project: Star Center-B100

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VB1514-MB	B035809.D	1	01/11/06	KW	n/a	n/a	VB1514

The QC reported here applies to the following samples: **Method:** EPA 624

F37651-3, F37651-4

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	103%	86-115%
17060-07-0	1,2-Dichloroethane-D4	108%	73-126%
2037-26-5	Toluene-D8	102%	86-112%
460-00-4	4-Bromofluorobenzene	112%	83-119%

Method Blank Summary

Job Number: F37651
Account: STOLCOGJ S M Stoller
Project: Star Center-B100

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VC1542-MB	C0037961.D	1	01/10/06	KW	n/a	n/a	VC1542

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

F37651-1, F37651-2

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

Method Blank Summary

Job Number: F37651
Account: STOLCOGJ S M Stoller
Project: Star Center-B100

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VC1542-MB	C0037961.D	1	01/10/06	KW	n/a	n/a	VC1542

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

F37651-1, F37651-2

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	103%	86-115%
17060-07-0	1,2-Dichloroethane-D4	98%	73-126%
2037-26-5	Toluene-D8	99%	86-112%
460-00-4	4-Bromofluorobenzene	104%	83-119%

Blank Spike Summary

Job Number: F37651
Account: STOLCOGJ S M Stoller
Project: Star Center-B100

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VB1514-BS	B035808.D	1	01/11/06	KW	n/a	n/a	VB1514

The QC reported here applies to the following samples: **Method:** EPA 624

F37651-3, F37651-4

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
71-43-2	Benzene	25	26.1	104	80-120
75-27-4	Bromodichloromethane	25	25.3	101	75-120
75-25-2	Bromoform	25	21.4	86	60-129
108-90-7	Chlorobenzene	25	25.9	104	82-112
75-00-3	Chloroethane	25	23.2	93	67-148
67-66-3	Chloroform	25	25.6	102	78-118
110-75-8	2-Chloroethyl vinyl ether	125	122	98	23-132
56-23-5	Carbon tetrachloride	25	27.6	110	69-137
75-34-3	1,1-Dichloroethane	25	26.2	105	75-117
75-35-4	1,1-Dichloroethylene	25	27.3	109	67-134
107-06-2	1,2-Dichloroethane	25	26.0	104	68-121
78-87-5	1,2-Dichloropropane	25	25.1	100	78-122
124-48-1	Dibromochloromethane	25	24.5	98	68-118
75-71-8	Dichlorodifluoromethane	25	32.4	130	43-173
156-59-2	cis-1,2-Dichloroethylene	25	24.8	99	81-120
10061-01-5	cis-1,3-Dichloropropene	25	25.3	101	73-115
541-73-1	m-Dichlorobenzene	25	25.4	102	78-116
95-50-1	o-Dichlorobenzene	25	24.7	99	77-115
106-46-7	p-Dichlorobenzene	25	24.7	99	77-113
156-60-5	trans-1,2-Dichloroethylene	25	26.8	107	74-125
10061-02-6	trans-1,3-Dichloropropene	25	27.2	109	69-115
100-41-4	Ethylbenzene	25	26.4	106	82-115
74-83-9	Methyl bromide	25	23.8	95	60-165
74-87-3	Methyl chloride	25	24.6	98	58-152
75-09-2	Methylene chloride	25	26.9	108	66-125
1634-04-4	Methyl Tert Butyl Ether	25	24.0	96	67-127
71-55-6	1,1,1-Trichloroethane	25	27.0	108	78-132
79-34-5	1,1,2,2-Tetrachloroethane	25	23.6	94	67-119
79-00-5	1,1,2-Trichloroethane	25	24.6	98	74-115
127-18-4	Tetrachloroethylene	25	25.1	100	75-126
108-88-3	Toluene	25	28.6	114	81-114
79-01-6	Trichloroethylene	25	25.6	102	80-115
75-69-4	Trichlorofluoromethane	25	30.6	122	65-163
75-01-4	Vinyl chloride	25	23.8	95	70-151
	m,p-Xylene	50	53.5	107	83-118
95-47-6	o-Xylene	25	25.6	102	77-119

Blank Spike Summary

Job Number: F37651
Account: STOLCOGJ S M Stoller
Project: Star Center-B100

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VB1514-BS	B035808.D	1	01/11/06	KW	n/a	n/a	VB1514

The QC reported here applies to the following samples: **Method:** EPA 624

F37651-3, F37651-4

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	102%	86-115%
17060-07-0	1,2-Dichloroethane-D4	110%	73-126%
2037-26-5	Toluene-D8	104%	86-112%
460-00-4	4-Bromofluorobenzene	105%	83-119%

Blank Spike Summary

Job Number: F37651
Account: STOLCOGJ S M Stoller
Project: Star Center-B100

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VC1542-BS	C0037960.D	1	01/10/06	KW	n/a	n/a	VC1542

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

F37651-1, F37651-2

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
71-43-2	Benzene	25	25.5	102	80-120
75-27-4	Bromodichloromethane	25	25.3	101	75-120
75-25-2	Bromoform	25	25.0	100	60-129
108-90-7	Chlorobenzene	25	26.0	104	82-112
75-00-3	Chloroethane	25	24.9	100	67-148
67-66-3	Chloroform	25	26.0	104	78-118
110-75-8	2-Chloroethyl vinyl ether	125	125	100	23-132
56-23-5	Carbon tetrachloride	25	28.7	115	69-137
75-34-3	1,1-Dichloroethane	25	26.5	106	75-117
75-35-4	1,1-Dichloroethylene	25	26.0	104	67-134
107-06-2	1,2-Dichloroethane	25	25.3	101	68-121
78-87-5	1,2-Dichloropropane	25	25.4	102	78-122
124-48-1	Dibromochloromethane	25	25.4	102	68-118
75-71-8	Dichlorodifluoromethane	25	27.6	110	43-173
156-59-2	cis-1,2-Dichloroethylene	25	25.2	101	81-120
10061-01-5	cis-1,3-Dichloropropene	25	26.1	104	73-115
541-73-1	m-Dichlorobenzene	25	26.4	106	78-116
95-50-1	o-Dichlorobenzene	25	26.4	106	77-115
106-46-7	p-Dichlorobenzene	25	25.6	102	77-113
156-60-5	trans-1,2-Dichloroethylene	25	26.8	107	74-125
10061-02-6	trans-1,3-Dichloropropene	25	27.0	108	69-115
100-41-4	Ethylbenzene	25	26.6	106	82-115
74-83-9	Methyl bromide	25	25.9	104	60-165
74-87-3	Methyl chloride	25	26.4	106	58-152
75-09-2	Methylene chloride	25	24.8	99	66-125
1634-04-4	Methyl Tert Butyl Ether	25	24.1	96	67-127
71-55-6	1,1,1-Trichloroethane	25	27.4	110	78-132
79-34-5	1,1,2,2-Tetrachloroethane	25	24.1	96	67-119
79-00-5	1,1,2-Trichloroethane	25	24.1	96	74-115
127-18-4	Tetrachloroethylene	25	26.7	107	75-126
108-88-3	Toluene	25	25.4	102	81-114
79-01-6	Trichloroethylene	25	25.4	102	80-115
75-69-4	Trichlorofluoromethane	25	27.1	108	65-163
75-01-4	Vinyl chloride	25	26.0	104	70-151
	m,p-Xylene	50	52.8	106	83-118
95-47-6	o-Xylene	25	26.8	107	77-119

Blank Spike Summary

Job Number: F37651
Account: STOLCOGJ S M Stoller
Project: Star Center-B100

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VC1542-BS	C0037960.D	1	01/10/06	KW	n/a	n/a	VC1542

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

F37651-1, F37651-2

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

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F37651
Account: STOLCOGJ S M Stoller
Project: Star Center-B100

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
F37692-1MS	B035815.D	1	01/11/06	KW	n/a	n/a	VB1514
F37692-1MSD	B035816.D	1	01/11/06	KW	n/a	n/a	VB1514
F37692-1	B035813.D	1	01/11/06	KW	n/a	n/a	VB1514

The QC reported here applies to the following samples: **Method:** EPA 624

F37651-3, F37651-4

CAS No.	Compound	F37692-1 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	1.0 U		25	27.6	110	26.3	105	5	72-125/7
75-27-4	Bromodichloromethane	1.0 U		25	24.8	99	25.0	100	1	72-120/8
75-25-2	Bromoform	1.0 U		25	19.4	78	20.0	80	3	55-127/11
108-90-7	Chlorobenzene	1.0 U		25	25.5	102	25.6	102	0	79-113/7
75-00-3	Chloroethane	2.0 U		25	21.2	85	22.0	88	4	56-164/14
67-66-3	Chloroform	1.0 U		25	25.1	100	25.0	100	0	75-120/8
110-75-8	2-Chloroethyl vinyl ether	5.0 U		125	ND	0*	ND	0*	nc	8-137/18
56-23-5	Carbon tetrachloride	1.0 U		25	24.5	98	26.4	106	7	56-145/12
75-34-3	1,1-Dichloroethane	1.0 U		25	26.6	106	25.7	103	3	70-122/10
75-35-4	1,1-Dichloroethylene	1.0 U		25	26.0	104	26.1	104	0	61-137/15
107-06-2	1,2-Dichloroethane	1.0 U		25	23.9	96	24.8	99	4	64-124/7
78-87-5	1,2-Dichloropropane	1.0 U		25	25.6	102	24.6	98	4	74-123/8
124-48-1	Dibromochloromethane	1.0 U		25	23.1	92	23.5	94	2	63-119/9
75-71-8	Dichlorodifluoromethane	1.0 U		25	29.8	119	30.9	124	4	35-184/21
156-59-2	cis-1,2-Dichloroethylene	1.0 U		25	25.2	101	24.0	96	5	74-125/9
10061-01-5	cis-1,3-Dichloropropene	1.0 U		25	25.5	102	24.9	100	2	65-112/10
541-73-1	m-Dichlorobenzene	1.0 U		25	25.0	100	24.7	99	1	74-114/7
95-50-1	o-Dichlorobenzene	1.0 U		25	24.5	98	23.9	96	2	73-114/8
106-46-7	p-Dichlorobenzene	1.0 U		25	24.7	99	24.0	96	3	74-112/7
156-60-5	trans-1,2-Dichloroethylene	1.0 U		25	27.3	109	26.6	106	3	70-127/11
10061-02-6	trans-1,3-Dichloropropene	1.0 U		25	27.5	110	27.6	110	0	59-116/11
100-41-4	Ethylbenzene	1.0 U		25	26.9	108	26.5	106	1	73-119/8
74-83-9	Methyl bromide	2.0 U		25	20.9	84	22.2	89	6	52-172/16
74-87-3	Methyl chloride	2.0 U		25	25.2	101	24.1	96	4	53-155/19
75-09-2	Methylene chloride	5.0 U		25	25.8	103	26.1	104	1	61-129/11
1634-04-4	Methyl Tert Butyl Ether	1.0 U		25	22.5	90	22.9	92	2	61-129/9
71-55-6	1,1,1-Trichloroethane	1.0 U		25	24.9	100	25.9	104	4	72-133/8
79-34-5	1,1,2,2-Tetrachloroethane	1.0 U		25	24.4	98	23.7	95	3	64-120/10
79-00-5	1,1,2-Trichloroethane	1.0 U		25	25.3	101	24.3	97	4	72-116/9
127-18-4	Tetrachloroethylene	1.0 U		25	24.0	96	24.5	98	2	70-126/9
108-88-3	Toluene	1.0 U		25	29.7	119	28.9	116	3	67-123/8
79-01-6	Trichloroethylene	1.0 U		25	25.0	100	23.9	96	4	73-117/10
75-69-4	Trichlorofluoromethane	2.0 U		25	27.0	108	28.2	113	4	52-164/16
75-01-4	Vinyl chloride	1.0 U		25	22.6	90	22.7	91	0	63-161/18
	m,p-Xylene	2.0 U		50	53.7	107	53.2	106	1	74-123/7
95-47-6	o-Xylene	1.0 U		25	25.7	103	25.8	103	0	68-123/7

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F37651
Account: STOLCOGJ S M Stoller
Project: Star Center-B100

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
F37692-1MS	B035815.D	1	01/11/06	KW	n/a	n/a	VB1514
F37692-1MSD	B035816.D	1	01/11/06	KW	n/a	n/a	VB1514
F37692-1	B035813.D	1	01/11/06	KW	n/a	n/a	VB1514

The QC reported here applies to the following samples: **Method:** EPA 624

F37651-3, F37651-4

CAS No.	Surrogate Recoveries	MS	MSD	F37692-1	Limits
1868-53-7	Dibromofluoromethane	98%	100%	99%	86-115%
17060-07-0	1,2-Dichloroethane-D4	102%	108%	99%	73-126%
2037-26-5	Toluene-D8	105%	104%	106%	86-112%
460-00-4	4-Bromofluorobenzene	109%	108%	115%	83-119%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F37651
Account: STOLCOGJ S M Stoller
Project: Star Center-B100

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
F37635-3MS	C0037972.D	1	01/10/06	KW	n/a	n/a	VC1542
F37635-3MSD	C0037973.D	1	01/10/06	KW	n/a	n/a	VC1542
F37635-3	C0037971.D	1	01/10/06	KW	n/a	n/a	VC1542

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

F37651-1, F37651-2

CAS No.	Compound	F37635-3 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	ND		25	25.0	100	24.0	96	4	72-125/7
75-27-4	Bromodichloromethane	ND		25	24.6	98	23.4	94	5	72-120/8
75-25-2	Bromoform	ND		25	22.0	88	22.2	89	1	55-127/11
108-90-7	Chlorobenzene	ND		25	24.5	98	24.3	97	1	79-113/7
75-00-3	Chloroethane	ND		25	21.4	86	21.1	84	1	56-164/14
67-66-3	Chloroform	ND		25	24.9	100	24.5	98	2	75-120/8
110-75-8	2-Chloroethyl vinyl ether	ND		125	ND	0*	ND	0*	nc	8-137/18
56-23-5	Carbon tetrachloride	ND		25	26.0	104	25.6	102	2	56-145/12
75-34-3	1,1-Dichloroethane	ND		25	24.8	99	24.1	96	3	70-122/10
75-35-4	1,1-Dichloroethylene	ND		25	23.8	95	23.2	93	3	61-137/15
107-06-2	1,2-Dichloroethane	1.9		25	25.6	95	24.9	92	3	64-124/7
78-87-5	1,2-Dichloropropane	ND		25	24.3	97	23.3	93	4	74-123/8
124-48-1	Dibromochloromethane	ND		25	23.3	93	23.3	93	0	63-119/9
75-71-8	Dichlorodifluoromethane	ND		25	21.2	85	20.2	81	5	35-184/21
156-59-2	cis-1,2-Dichloroethylene	ND		25	25.0	100	24.6	98	2	74-125/9
10061-01-5	cis-1,3-Dichloropropene	ND		25	24.9	100	24.3	97	2	65-112/10
541-73-1	m-Dichlorobenzene	ND		25	25.1	100	23.8	95	5	74-114/7
95-50-1	o-Dichlorobenzene	ND		25	24.8	99	23.9	96	4	73-114/8
106-46-7	p-Dichlorobenzene	ND		25	24.2	97	23.1	92	5	74-112/7
156-60-5	trans-1,2-Dichloroethylene	ND		25	25.2	101	24.4	98	3	70-127/11
10061-02-6	trans-1,3-Dichloropropene	ND		25	24.4	98	24.0	96	2	59-116/11
100-41-4	Ethylbenzene	ND		25	24.9	100	24.2	97	3	73-119/8
74-83-9	Methyl bromide	ND		25	21.8	87	21.8	87	0	52-172/16
74-87-3	Methyl chloride	ND		25	23.4	94	22.9	92	2	53-155/19
75-09-2	Methylene chloride	ND		25	23.2	93	22.4	90	4	61-129/11
1634-04-4	Methyl Tert Butyl Ether	12.4		25	35.1	91	34.3	88	2	61-129/9
71-55-6	1,1,1-Trichloroethane	ND		25	25.7	103	24.9	100	3	72-133/8
79-34-5	1,1,2,2-Tetrachloroethane	ND		25	24.9	100	24.3	97	2	64-120/10
79-00-5	1,1,2-Trichloroethane	ND		25	23.5	94	23.0	92	2	72-116/9
127-18-4	Tetrachloroethylene	ND		25	25.0	100	24.4	98	2	70-126/9
108-88-3	Toluene	ND		25	23.9	96	23.5	94	2	67-123/8
79-01-6	Trichloroethylene	ND		25	24.0	96	23.6	94	2	73-117/10
75-69-4	Trichlorofluoromethane	ND		25	23.7	95	23.2	93	2	52-164/16
75-01-4	Vinyl chloride	ND		25	22.3	89	22.2	89	0	63-161/18
	m,p-Xylene	ND		50	49.8	100	47.8	96	4	74-123/7
95-47-6	o-Xylene	ND		25	25.2	101	24.6	98	2	68-123/7

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F37651
Account: STOLCOGJ S M Stoller
Project: Star Center-B100

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
F37635-3MS	C0037972.D	1	01/10/06	KW	n/a	n/a	VC1542
F37635-3MSD	C0037973.D	1	01/10/06	KW	n/a	n/a	VC1542
F37635-3	C0037971.D	1	01/10/06	KW	n/a	n/a	VC1542

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

F37651-1, F37651-2

CAS No.	Surrogate Recoveries	MS	MSD	F37635-3	Limits
1868-53-7	Dibromofluoromethane	106%	106%	102%	86-115%
17060-07-0	1,2-Dichloroethane-D4	100%	100%	93%	73-126%
2037-26-5	Toluene-D8	94%	96%	94%	86-112%
460-00-4	4-Bromofluorobenzene	100%	101%	102%	83-119%

GC/MS Semi-volatiles

QC Data Summaries

Includes the following where applicable:

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

Method Blank Summary

Job Number: F37651
Account: STOLCOGJ S M Stoller
Project: Star Center-B100

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP15470-MB	R00428.D	1	01/11/06	NJ	01/11/06	OP15470	SR25

The QC reported here applies to the following samples: **Method:** EPA 625

F37651-4

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic Acid	ND	25	10	ug/l	
95-57-8	2-Chlorophenol	ND	5.0	2.0	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	5.0	2.0	ug/l	
120-83-2	2,4-Dichlorophenol	ND	5.0	2.0	ug/l	
105-67-9	2,4-Dimethylphenol	ND	5.0	2.0	ug/l	
51-28-5	2,4-Dinitrophenol	ND	25	10	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	10	5.0	ug/l	
95-48-7	2-Methylphenol	ND	5.0	2.0	ug/l	
	3&4-Methylphenol	ND	5.0	2.0	ug/l	
88-75-5	2-Nitrophenol	ND	5.0	2.0	ug/l	
100-02-7	4-Nitrophenol	ND	25	10	ug/l	
87-86-5	Pentachlorophenol	ND	25	10	ug/l	
108-95-2	Phenol	ND	5.0	2.0	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	5.0	2.0	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	5.0	2.0	ug/l	
83-32-9	Acenaphthene	ND	5.0	1.0	ug/l	
208-96-8	Acenaphthylene	ND	5.0	1.0	ug/l	
120-12-7	Anthracene	ND	5.0	1.0	ug/l	
56-55-3	Benzo(a)anthracene	ND	5.0	1.0	ug/l	
50-32-8	Benzo(a)pyrene	ND	5.0	1.0	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	5.0	1.0	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	5.0	2.0	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	5.0	1.0	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	5.0	1.0	ug/l	
85-68-7	Butyl benzyl phthalate	ND	5.0	2.0	ug/l	
100-51-6	Benzyl Alcohol	ND	5.0	1.0	ug/l	
91-58-7	2-Chloronaphthalene	ND	5.0	1.0	ug/l	
106-47-8	4-Chloroaniline	ND	10	4.0	ug/l	
86-74-8	Carbazole	ND	5.0	1.0	ug/l	
218-01-9	Chrysene	ND	5.0	1.0	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	5.0	1.0	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	5.0	2.0	ug/l	
108-60-1	bis(2-Chloroisopropyl)ether	ND	5.0	1.0	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	5.0	1.0	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	5.0	1.0	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	5.0	1.0	ug/l	

Method Blank Summary

Job Number: F37651
Account: STOLCOGJ S M Stoller
Project: Star Center-B100

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP15470-MB	R00428.D	1	01/11/06	NJ	01/11/06	OP15470	SR25

The QC reported here applies to the following samples: **Method:** EPA 625

F37651-4

CAS No.	Compound	Result	RL	MDL	Units	Q
106-46-7	1,4-Dichlorobenzene	ND	5.0	1.0	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	5.0	2.0	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	5.0	2.0	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	10	5.0	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	5.0	2.0	ug/l	
132-64-9	Dibenzofuran	ND	5.0	1.0	ug/l	
84-74-2	Di-n-butyl phthalate	ND	5.0	2.0	ug/l	
117-84-0	Di-n-octyl phthalate	ND	5.0	2.5	ug/l	
84-66-2	Diethyl phthalate	ND	5.0	2.0	ug/l	
131-11-3	Dimethyl phthalate	ND	5.0	2.0	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	5.0	2.5	ug/l	
206-44-0	Fluoranthene	ND	5.0	1.0	ug/l	
86-73-7	Fluorene	ND	5.0	1.0	ug/l	
118-74-1	Hexachlorobenzene	ND	5.0	1.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	2.0	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	5.0	2.0	ug/l	
67-72-1	Hexachloroethane	ND	5.0	2.0	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	5.0	2.0	ug/l	
78-59-1	Isophorone	ND	5.0	1.0	ug/l	
91-57-6	2-Methylnaphthalene	ND	5.0	1.0	ug/l	
88-74-4	2-Nitroaniline	ND	10	4.0	ug/l	
99-09-2	3-Nitroaniline	ND	10	4.0	ug/l	
100-01-6	4-Nitroaniline	ND	10	4.0	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
98-95-3	Nitrobenzene	ND	5.0	1.0	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	5.0	2.0	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	5.0	2.0	ug/l	
85-01-8	Phenanthrene	ND	5.0	1.0	ug/l	
129-00-0	Pyrene	ND	5.0	1.0	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	1.0	ug/l	

CAS No.	Surrogate Recoveries		Limits
367-12-4	2-Fluorophenol	46%	19-90%
4165-62-2	Phenol-d5	27%	10-68%

Method Blank Summary

Job Number: F37651
Account: STOLCOGJ S M Stoller
Project: Star Center-B100

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP15470-MB	R00428.D	1	01/11/06	NJ	01/11/06	OP15470	SR25

The QC reported here applies to the following samples: **Method:** EPA 625

F37651-4

CAS No.	Surrogate Recoveries		Limits
118-79-6	2,4,6-Tribromophenol	82%	36-137%
4165-60-0	Nitrobenzene-d5	77%	49-119%
321-60-8	2-Fluorobiphenyl	77%	45-118%
1718-51-0	Terphenyl-d14	81%	46-135%

Blank Spike Summary

Job Number: F37651
Account: STOLCOGJ S M Stoller
Project: Star Center-B100

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP15470-BS	R00427.D	1	01/11/06	NJ	01/11/06	OP15470	SR25

The QC reported here applies to the following samples: **Method:** EPA 625

F37651-4

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
65-85-0	Benzoic Acid	100	34.8	35	8-45
95-57-8	2-Chlorophenol	50	40.9	82	62-103
59-50-7	4-Chloro-3-methyl phenol	50	44.3	89	64-103
120-83-2	2,4-Dichlorophenol	50	44.4	89	59-103
105-67-9	2,4-Dimethylphenol	50	33.9	68	43-94
51-28-5	2,4-Dinitrophenol	100	82.0	82	12-125
534-52-1	4,6-Dinitro-o-cresol	100	95.7	96	47-119
95-48-7	2-Methylphenol	50	35.4	71	54-91
	3&4-Methylphenol	100	61.8	62	48-86
88-75-5	2-Nitrophenol	50	45.1	90	64-104
100-02-7	4-Nitrophenol	100	42.5	43	22-50
87-86-5	Pentachlorophenol	100	103	103	50-111
108-95-2	Phenol	50	19.2	38	25-53
95-95-4	2,4,5-Trichlorophenol	50	47.4	95	66-104
88-06-2	2,4,6-Trichlorophenol	50	48.1	96	60-103
83-32-9	Acenaphthene	50	44.0	88	62-101
208-96-8	Acenaphthylene	50	42.2	84	65-113
120-12-7	Anthracene	50	46.7	93	69-107
56-55-3	Benzo(a)anthracene	50	48.1	96	68-106
50-32-8	Benzo(a)pyrene	50	46.2	92	70-114
205-99-2	Benzo(b)fluoranthene	50	45.9	92	68-110
191-24-2	Benzo(g,h,i)perylene	50	49.5	99	63-115
207-08-9	Benzo(k)fluoranthene	50	47.6	95	68-112
101-55-3	4-Bromophenyl phenyl ether	50	46.7	93	73-103
85-68-7	Butyl benzyl phthalate	50	50.6	101	69-108
100-51-6	Benzyl Alcohol	50	36.1	72	34-104
91-58-7	2-Chloronaphthalene	50	42.5	85	64-102
106-47-8	4-Chloroaniline	50	42.0	84	57-104
86-74-8	Carbazole	50	46.7	93	69-113
218-01-9	Chrysene	50	48.1	96	68-103
111-91-1	bis(2-Chloroethoxy)methane	50	42.5	85	57-103
111-44-4	bis(2-Chloroethyl)ether	50	45.3	91	64-106
108-60-1	bis(2-Chloroisopropyl)ether	50	49.1	98	52-120
7005-72-3	4-Chlorophenyl phenyl ether	50	45.4	91	71-104
95-50-1	1,2-Dichlorobenzene	50	39.1	78	62-100
541-73-1	1,3-Dichlorobenzene	50	38.3	77	59-99

Blank Spike Summary

Job Number: F37651
Account: STOLCOGJ S M Stoller
Project: Star Center-B100

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP15470-BS	R00427.D	1	01/11/06	NJ	01/11/06	OP15470	SR25

The QC reported here applies to the following samples: **Method:** EPA 625

F37651-4

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
106-46-7	1,4-Dichlorobenzene	50	38.2	76	60-101
121-14-2	2,4-Dinitrotoluene	50	45.1	90	65-111
606-20-2	2,6-Dinitrotoluene	50	43.9	88	77-111
91-94-1	3,3'-Dichlorobenzidine	50	45.1	90	42-110
53-70-3	Dibenzo(a,h)anthracene	50	46.6	93	62-115
132-64-9	Dibenzofuran	50	43.3	87	69-104
84-74-2	Di-n-butyl phthalate	50	47.6	95	68-109
117-84-0	Di-n-octyl phthalate	50	50.3	101	63-120
84-66-2	Diethyl phthalate	50	46.7	93	64-110
131-11-3	Dimethyl phthalate	50	46.3	93	44-120
117-81-7	bis(2-Ethylhexyl)phthalate	50	50.9	102	64-115
206-44-0	Fluoranthene	50	45.1	90	68-111
86-73-7	Fluorene	50	44.5	89	66-105
118-74-1	Hexachlorobenzene	50	45.2	90	69-103
87-68-3	Hexachlorobutadiene	50	37.6	75	55-90
77-47-4	Hexachlorocyclopentadiene	50	20.1	40	26-95
67-72-1	Hexachloroethane	50	39.2	78	59-104
193-39-5	Indeno(1,2,3-cd)pyrene	50	48.7	97	63-118
78-59-1	Isophorone	50	44.6	89	64-107
91-57-6	2-Methylnaphthalene	50	41.3	83	66-100
88-74-4	2-Nitroaniline	50	48.5	97	65-111
99-09-2	3-Nitroaniline	50	44.7	89	61-106
100-01-6	4-Nitroaniline	50	46.6	93	60-113
91-20-3	Naphthalene	50	39.7	79	62-101
98-95-3	Nitrobenzene	50	42.2	84	61-106
621-64-7	N-Nitroso-di-n-propylamine	50	39.1	78	64-109
86-30-6	N-Nitrosodiphenylamine	50	46.9	94	69-114
85-01-8	Phenanthrene	50	46.8	94	68-104
129-00-0	Pyrene	50	49.2	98	64-105
120-82-1	1,2,4-Trichlorobenzene	50	40.0	80	64-101

CAS No.	Surrogate Recoveries	BSP	Limits
367-12-4	2-Fluorophenol	54%	19-90%
4165-62-2	Phenol-d5	33%	10-68%

Blank Spike Summary

Job Number: F37651
Account: STOLCOGJ S M Stoller
Project: Star Center-B100

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP15470-BS	R00427.D	1	01/11/06	NJ	01/11/06	OP15470	SR25

The QC reported here applies to the following samples: **Method:** EPA 625

F37651-4

CAS No.	Surrogate Recoveries	BSP	Limits
118-79-6	2,4,6-Tribromophenol	87%	36-137%
4165-60-0	Nitrobenzene-d5	81%	49-119%
321-60-8	2-Fluorobiphenyl	83%	45-118%
1718-51-0	Terphenyl-d14	88%	46-135%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F37651
Account: STOLCOGJ S M Stoller
Project: Star Center-B100

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP15470-MS	R00430.D	1	01/11/06	NJ	01/11/06	OP15470	SR25
OP15470-MSD	R00431.D	1	01/11/06	NJ	01/11/06	OP15470	SR25
F37651-4	R00429.D	1	01/11/06	NJ	01/11/06	OP15470	SR25

The QC reported here applies to the following samples: **Method:** EPA 625

F37651-4

CAS No.	Compound	F37651-4 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
65-85-0	Benzoic Acid	ND		192	107	56	122	63	13	16-73/41
95-57-8	2-Chlorophenol	ND		96.2	71.8	75	73.6	77	2	53-102/24
59-50-7	4-Chloro-3-methyl phenol	ND		96.2	77.5	81	87.0	90	12	60-101/18
120-83-2	2,4-Dichlorophenol	ND		96.2	77.5	81	83.8	87	8	55-100/24
105-67-9	2,4-Dimethylphenol	ND		96.2	66.1	69	69.9	73	6	36-98/26
51-28-5	2,4-Dinitrophenol	ND		192	154	80	184	96	18	14-135/39
534-52-1	4,6-Dinitro-o-cresol	ND		192	172	89	195	101	13	40-127/24
95-48-7	2-Methylphenol	ND		96.2	67.1	70	70.1	73	4	46-100/23
	3&4-Methylphenol	ND		192	123	64	130	68	6	43-100/23
88-75-5	2-Nitrophenol	ND		96.2	78.2	81	81.5	85	4	53-104/25
100-02-7	4-Nitrophenol	ND		192	106	55	122	63	14	32-81/28
87-86-5	Pentachlorophenol	ND		192	178	93	197	102	10	44-118/16
108-95-2	Phenol	ND		96.2	46.3	48	51.1	53	10	31-77/26
95-95-4	2,4,5-Trichlorophenol	ND		96.2	82.0	85	92.8	97	12	61-102/18
88-06-2	2,4,6-Trichlorophenol	ND		96.2	82.1	85	92.0	96	11	55-103/21
83-32-9	Acenaphthene	ND		96.2	75.9	79	83.6	87	10	55-103/20
208-96-8	Acenaphthylene	ND		96.2	72.5	75	80.8	84	11	55-113/20
120-12-7	Anthracene	ND		96.2	79.7	83	89.7	93	12	66-105/14
56-55-3	Benzo(a)anthracene	ND		96.2	80.7	84	89.9	93	11	65-103/16
50-32-8	Benzo(a)pyrene	ND		96.2	79.3	82	88.1	92	11	65-113/16
205-99-2	Benzo(b)fluoranthene	ND		96.2	77.9	81	89.1	93	13	62-110/17
191-24-2	Benzo(g,h,i)perylene	ND		96.2	84.4	88	94.3	98	11	58-111/17
207-08-9	Benzo(k)fluoranthene	ND		96.2	82.0	85	90.3	94	10	63-110/17
101-55-3	4-Bromophenyl phenyl ether	ND		96.2	81.1	84	90.2	94	11	68-102/16
85-68-7	Butyl benzyl phthalate	ND		96.2	84.6	88	95.3	99	12	65-108/17
100-51-6	Benzyl Alcohol	ND		96.2	70.6	73	74.1	77	5	48-106/24
91-58-7	2-Chloronaphthalene	ND		96.2	73.3	76	80.1	83	9	58-101/22
106-47-8	4-Chloroaniline	ND		96.2	67.8	71	75.9	79	11	39-101/21
86-74-8	Carbazole	ND		96.2	80.4	84	90.1	94	11	66-109/16
218-01-9	Chrysene	ND		96.2	81.8	85	90.4	94	10	65-100/18
111-91-1	bis(2-Chloroethoxy)methane	ND		96.2	73.0	76	76.3	79	4	49-100/24
111-44-4	bis(2-Chloroethyl)ether	ND		96.2	78.8	82	80.7	84	2	54-103/24
108-60-1	bis(2-Chloroisopropyl)ether	ND		96.2	83.1	86	85.1	89	2	49-109/22
7005-72-3	4-Chlorophenyl phenyl ether	ND		96.2	77.0	80	86.4	90	12	65-103/18
95-50-1	1,2-Dichlorobenzene	ND		96.2	68.9	72	70.8	74	3	50-101/22
541-73-1	1,3-Dichlorobenzene	ND		96.2	66.8	69	68.5	71	3	50-100/23

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F37651
Account: STOLCOGJ S M Stoller
Project: Star Center-B100

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP15470-MS	R00430.D	1	01/11/06	NJ	01/11/06	OP15470	SR25
OP15470-MSD	R00431.D	1	01/11/06	NJ	01/11/06	OP15470	SR25
F37651-4	R00429.D	1	01/11/06	NJ	01/11/06	OP15470	SR25

The QC reported here applies to the following samples: **Method:** EPA 625

F37651-4

CAS No.	Compound	F37651-4 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
106-46-7	1,4-Dichlorobenzene	ND		96.2	67.3	70	69.3	72	3	51-101/23
121-14-2	2,4-Dinitrotoluene	ND		96.2	76.2	79	85.9	89	12	60-110/16
606-20-2	2,6-Dinitrotoluene	ND		96.2	73.8	77	84.7	88	14	60-111/19
91-94-1	3,3'-Dichlorobenzidine	ND		96.2	51.0	53	58.8	61	14	18-112/22
53-70-3	Dibenzo(a,h)anthracene	ND		96.2	79.4	83	88.9	92	11	57-111/20
132-64-9	Dibenzofuran	ND		96.2	74.5	77	81.8	85	9	64-102/17
84-74-2	Di-n-butyl phthalate	ND		96.2	80.2	83	90.8	94	12	63-107/17
117-84-0	Di-n-octyl phthalate	ND		96.2	83.9	87	96.3	100	14	58-126/23
84-66-2	Diethyl phthalate	ND		96.2	78.5	82	88.7	92	12	59-110/18
131-11-3	Dimethyl phthalate	ND		96.2	78.4	82	87.8	91	11	40-116/25
117-81-7	bis(2-Ethylhexyl)phthalate	ND		96.2	84.8	88	94.7	98	11	55-120/22
206-44-0	Fluoranthene	ND		96.2	76.0	79	85.8	89	12	62-108/17
86-73-7	Fluorene	ND		96.2	75.3	78	83.6	87	10	60-105/17
118-74-1	Hexachlorobenzene	ND		96.2	76.2	79	86.7	90	13	64-102/16
87-68-3	Hexachlorobutadiene	ND		96.2	64.3	67	66.9	70	4	45-93/26
77-47-4	Hexachlorocyclopentadiene	ND		96.2	39.5	41	38.8	40	2	20-92/34
67-72-1	Hexachloroethane	ND		96.2	67.7	70	70.5	73	4	51-105/26
193-39-5	Indeno(1,2,3-cd)pyrene	ND		96.2	83.1	86	92.3	96	10	61-111/19
78-59-1	Isophorone	ND		96.2	75.9	79	82.6	86	8	59-103/23
91-57-6	2-Methylnaphthalene	ND		96.2	72.3	75	76.7	80	6	56-100/23
88-74-4	2-Nitroaniline	ND		96.2	83.2	87	94.0	98	12	61-107/18
99-09-2	3-Nitroaniline	ND		96.2	65.8	68	77.5	81	16	47-107/26
100-01-6	4-Nitroaniline	ND		96.2	76.9	80	86.9	90	12	48-119/21
91-20-3	Naphthalene	ND		96.2	69.0	72	72.2	75	5	52-102/23
98-95-3	Nitrobenzene	ND		96.2	73.2	76	76.3	79	4	51-103/25
621-64-7	N-Nitroso-di-n-propylamine	ND		96.2	66.7	69	70.0	73	5	57-103/24
86-30-6	N-Nitrosodiphenylamine	ND		96.2	80.3	84	90.2	94	12	62-112/16
85-01-8	Phenanthrene	ND		96.2	80.5	84	90.7	94	12	64-103/15
129-00-0	Pyrene	ND		96.2	83.0	86	93.1	97	11	59-107/21
120-82-1	1,2,4-Trichlorobenzene	ND		96.2	70.0	73	72.4	75	3	54-102/24

CAS No.	Surrogate Recoveries	MS	MSD	F37651-4	Limits
367-12-4	2-Fluorophenol	59%	60%	38%	19-90%
4165-62-2	Phenol-d5	42%	45%	23%	10-68%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F37651
Account: STOLCOGJ S M Stoller
Project: Star Center-B100

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP15470-MS	R00430.D	1	01/11/06	NJ	01/11/06	OP15470	SR25
OP15470-MSD	R00431.D	1	01/11/06	NJ	01/11/06	OP15470	SR25
F37651-4	R00429.D	1	01/11/06	NJ	01/11/06	OP15470	SR25

The QC reported here applies to the following samples: **Method:** EPA 625

F37651-4

CAS No.	Surrogate Recoveries	MS	MSD	F37651-4	Limits
118-79-6	2,4,6-Tribromophenol	79%	87%	80%	36-137%
4165-60-0	Nitrobenzene-d5	71%	74%	68%	49-119%
321-60-8	2-Fluorobiphenyl	73%	79%	72%	45-118%
1718-51-0	Terphenyl-d14	76%	84%	74%	46-135%

Metals Analysis

QC Data Summaries

Includes the following where applicable:

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

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: F37651
Account: STOLCOGJ - S M Stoller
Project: Star Center-B100

QC Batch ID: MP9088
Matrix Type: AQUEOUS

Methods: SW846 6010B
Units: ug/l

Prep Date: 01/09/06

Metal	RL	IDL	MB raw	final
Aluminum	200	13		
Antimony	5.0	1.5		
Arsenic	10	2.1	-0.010	<10
Barium	200	.5	anr	
Beryllium	4.0	.2		
Cadmium	5.0	.5	anr	
Calcium	1000	16		
Chromium	10	.5	anr	
Cobalt	50	.5		
Copper	25	.4		
Iron	300	16	-6.5	<300
Lead	5.0	1.2	anr	
Magnesium	5000	9.9		
Manganese	15	.2		
Molybdenum	50	.8		
Nickel	40	.6		
Potassium	5000	16		
Selenium	10	1.6	anr	
Silver	10	.6	anr	
Sodium	5000	65		
Thallium	10	1.8		
Tin	50	1.4		
Vanadium	50	.6		
Zinc	20	1.1	anr	

Associated samples MP9088: F37651-3, F37651-4, F37651-5

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

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: F37651
Account: STOLCOGJ - S M Stoller
Project: Star Center-B100

QC Batch ID: MP9088
Matrix Type: AQUEOUS

Methods: SW846 6010B
Units: ug/l

Prep Date:			01/09/06					01/09/06	
Metal	F37634-9 Original	DUP	RPD	QC Limits	F37634-9 Original	MS	Spikelot MPFLICP	% Rec	QC Limits
Aluminum									
Antimony									
Arsenic	0.0	0.0	NC	0-12	0.0	5380	4000	134.5N(b	83-116
Barium	anr								
Beryllium									
Cadmium	anr								
Calcium									
Chromium	anr								
Cobalt									
Copper									
Iron	20.5	0.0	200.0(a)	0-14	20.5	23600	27000	87.3	76-125
Lead	anr								
Magnesium									
Manganese									
Molybdenum									
Nickel									
Potassium									
Selenium	anr								
Silver	anr								
Sodium									
Thallium									
Tin									
Vanadium									
Zinc	anr								

Associated samples MP9088: F37651-3, F37651-4, F37651-5

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

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: F37651
Account: STOLCOGJ - S M Stoller
Project: Star Center-B100

QC Batch ID: MP9088 Methods: SW846 6010B
Matrix Type: AQUEOUS Units: ug/l

Prep Date: 01/09/06

Metal	F37634-9 Original	MSD	Spikelot MPFLICP	% Rec	MSD RPD	QC Limit
Aluminum						
Antimony						
Arsenic	0.0	5450	4000	136.3N(a	1.3	20
Barium	anr					
Beryllium						
Cadmium	anr					
Calcium						
Chromium	anr					
Cobalt						
Copper						
Iron	20.5	23900	27000	88.4	1.3	20
Lead	anr					
Magnesium						
Manganese						
Molybdenum						
Nickel						
Potassium						
Selenium	anr					
Silver	anr					
Sodium						
Thallium						
Tin						
Vanadium						
Zinc	anr					

Associated samples MP9088: F37651-3, F37651-4, F37651-5

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested
(a) Spike recovery indicates possible matrix interference and/or sample nonhomogeneity.

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: F37651
Account: STOLCOGJ - S M Stoller
Project: Star Center-B100

QC Batch ID: MP9088
Matrix Type: AQUEOUS

Methods: SW846 6010B
Units: ug/l

Prep Date: 01/09/06

Metal	BSP Result	Spikelot MPFLICP	% Rec	QC Limits
Aluminum				
Antimony				
Arsenic	3960	4000	99.0	80-120
Barium	anr			
Beryllium				
Cadmium	anr			
Calcium				
Chromium	anr			
Cobalt				
Copper				
Iron	28800	27000	106.7	80-120
Lead	anr			
Magnesium				
Manganese				
Molybdenum				
Nickel				
Potassium				
Selenium	anr			
Silver	anr			
Sodium				
Thallium				
Tin				
Vanadium				
Zinc	anr			

Associated samples MP9088: F37651-3, F37651-4, F37651-5

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

SERIAL DILUTION RESULTS SUMMARY

Login Number: F37651
Account: STOLCOGJ - S M Stoller
Project: Star Center-B100

QC Batch ID: MP9088
Matrix Type: AQUEOUS

Methods: SW846 6010B
Units: ug/l

Prep Date: 01/09/06

Metal	F37634-9 Original	SDL 1:5	RPD	QC Limits
Aluminum				
Antimony				
Arsenic	0.00	20.1		0-10
Barium	anr			
Beryllium				
Cadmium	anr			
Calcium				
Chromium	anr			
Cobalt				
Copper				
Iron	20.5	0.00	100.0(a)	0-10
Lead	anr			
Magnesium				
Manganese				
Molybdenum				
Nickel				
Potassium				
Selenium	anr			
Silver	anr			
Sodium				
Thallium				
Tin				
Vanadium				
Zinc	anr			

Associated samples MP9088: F37651-3, F37651-4, F37651-5

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

Southeast ACCUTEST Laboratories

IT'S ALL IN THE CHEMISTRY

05/11/06

Technical Report for

S M Stoller

Star Center-B100 Monthly/Effluent; Largo, FL

7031-226

Accutest Job Number: F38425

Sampling Date: 02/07/06

Report to:

S M Stoller

Cathy.Kelleher@gjo.doe.gov

ATTN: Cathy Kelleher

Total number of pages in report: **13**

ACCUTEST LABORATORIES 50 YEARS 1956-2006

ACCREDITED IN ACCORDANCE WITH nelac

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

Harry Behzadi, Ph.D.
Laboratory Director

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

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Accutest LabLink@49223 13:30 11-May-2006

Sample Summary

S M Stoller

Job No: F38425

Star Center-B100 Monthly/Effluent; Largo, FL
Project No: 7031-226

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
F38425-1	02/07/06	09:57	JPC	02/07/06	AQ	Ground Water	PIN12-TRTE-N002*B100

SAMPLE DELIVERY GROUP CASE NARRATIVE

Client: S M Stoller **Job No:** F38425

Site: Star Center-B100 Monthly/Effluent; Largo, FL **Report Date** 2/15/2006

1 Sample was collected on 02/07/2006 and were received at Accutest on 02/07/2006 properly preserved, at 2.8 Deg. C and intact. These Samples received an Accutest job number of F38425.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:** VC1580

All method blanks for this batch meet method specific criteria.
F38425-1: 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 QualityObjectives for precision, accuracy and completeness as specified in the ALSE Quality Manual except as noted above. This report is to be used in its entirety. ALSE is not responsible for any assumptions of data quality if partial data packages are used.

Narrative prepared by:

Date: February 20, 2006

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

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	PIN12-TRTE-N002*B100		
Lab Sample ID:	F38425-1	**Date Sampled:**	02/07/06
Matrix:	AQ - Ground Water	**Date Received:**	02/07/06
Method:	EPA 624	**Percent Solids:**	n/a
Project:	Star Center-B100 Monthly/Effluent; Largo, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	C0038772.D	1	02/10/06	KW	n/a	n/a	VC1580
Run #2							

	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	
1330-20-7	Xylene (total)	ND	3.0	1.0	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	111%		73-126%
2037-26-5	Toluene-D8	104%		86-112%
460-00-4	4-Bromofluorobenzene	114%		83-119%

(a) Sample collected on 02/07/06 at 09:57.
(b) 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

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

ACCUTEST Laboratories

F38425

CHAIN OF CUSTODY

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

ACCUTEST JOB #:

ACCUTEST QUOTE #:

CLIENT INFORMATION

NAME: S.M. Stoller
ADDRESS: 7887 Bryan Dairy Rd, Suite 260
CITY: Largo STATE: FL ZIP: 33777
SEND REPORT TO:
PHONE #:

FACILITY INFORMATION

PROJECT NAME: STAR Center - Monthly effluent sample
B100
LOCATION: 7031-226
PROJECT NO.:
FAX #:

ANALYTICAL INFORMATION

BTEX, Total VOA (by 624)

MATRIX CODES

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 DATE	COLLECTION TIME	SAMPLED BY:	MATRIX	# OF BOTTLES	PRESERVATION HCl	NaOH	HNO3	H2SO4	NONE	BTEX, Total VOA (by 624)	LAB USE ONLY
(1)	PIN12-TRTE-N002 * B100	2-7-06	0957	JPC	GW	3	3					3	

DATA TURNAROUND INFORMATION

- ☑ STANDARD
- ☐ 48 HOUR RUSH
- ☐ 24 HOUR EMERGENCY
- ☐ OTHER

APPROVED BY:

EMERGENCY OR RUSH IS FAX DATA UNLESS PREVIOUSLY APPROVED

DATA DELIVERABLE INFORMATION

- ☑ STANDARD
- ☐ COMMERCIAL "B"
- ☐ DISK DELIVERABLE
- ☐ STATE FORMS
- ☐ OTHER (SPECIFY)

COMMENTS/REMARKS

Benzene, Xylenes, Toluene, Total VOA, Ethylbenzene

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESION, INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER:	DATE TIME:	RECEIVED BY:	RELINQUISHED BY:	DATE TIME:	RECEIVED BY:
1. J.P. Cu 2-7-06		1. (Accutest) 2/7/06 14:25	2. (Accutest)		2. 2/8/06 0600
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 ☐	ON ICE ☐ TEMPERATURE °C

4.1

4

F38425: Chain of Custody
Page 1 of 2

ACCUTEST LABORATORIES SAMPLE RECEIPT CONFIRMATION

ACCUTEST'S JOB NUMBER: F38425 CLIENT: S.H. Stoller PROJECT: Star Center Monthly Sample

DATE/TIME RECEIVED: 2/8/06 0600 # OF COOLERS RECEIVED: 1 COOLER TEMPS: 2.8

METHOD OF DELIVERY: FEDEX UPS ACCUTEST COURIER GREYHOUND DELIVERY OTHER

AIRBILL NUMBERS:

COOLER INFORMATION

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

TRIP BLANK INFORMATION

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

SAMPLE INFORMATION

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

SOIL INFORMATION

NUMBER OF ENCORES ? Ø

NUMBER OF 5035 FIELD KITS ? Ø

SUMMARY OF COMMENTS:

TECHNICIAN SIGNATURE/DATE ws 2/8/06 TECHNICIAN SIGNATURE/DATE

ASBD06/22/05

4.1

4

F38425: Chain of Custody
Page 2 of 2

ACCUTEST Laboratories F38425

GC/MS Volatiles

QC Data Summaries

Includes the following where applicable:

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

Method Blank Summary

Job Number: F38425
Account: STOLCOGJ S M Stoller
Project: Star Center-B100 Monthly/Effluent; Largo, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VC1580-MB	C0038771.D	1	02/10/06	KW	n/a	n/a	VC1580

The QC reported here applies to the following samples: **Method:** EPA 624

F38425-1

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.50	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.50	ug/l	
108-88-3	Toluene	ND	1.0	0.50	ug/l	
1330-20-7	Xylene (total)	ND	3.0	1.0	ug/l	

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	105%	86-115%
17060-07-0	1,2-Dichloroethane-D4	111%	73-126%
2037-26-5	Toluene-D8	104%	86-112%
460-00-4	4-Bromofluorobenzene	104%	83-119%

Blank Spike Summary

Job Number: F38425
Account: STOLCOGJ S M Stoller
Project: Star Center-B100 Monthly/Effluent; Largo, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VC1580-BS	C0038770.D	1	02/10/06	KW	n/a	n/a	VC1580

The QC reported here applies to the following samples: **Method:** EPA 624

F38425-1

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
71-43-2	Benzene	25	28.0	112	80-120
100-41-4	Ethylbenzene	25	28.2	113	82-115
108-88-3	Toluene	25	26.1	104	81-114
1330-20-7	Xylene (total)	75	87.6	117	81-118

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	103%	86-115%
17060-07-0	1,2-Dichloroethane-D4	120%	73-126%
2037-26-5	Toluene-D8	102%	86-112%
460-00-4	4-Bromofluorobenzene	96%	83-119%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F38425
Account: STOLCOGJ S M Stoller
Project: Star Center-B100 Monthly/Effluent; Largo, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
F38426-3MS	C0038774.D	20	02/10/06	KW	n/a	n/a	VC1580
F38426-3MSD	C0038775.D	20	02/11/06	KW	n/a	n/a	VC1580
F38426-3	C0038773.D	20	02/10/06	KW	n/a	n/a	VC1580

The QC reported here applies to the following samples: **Method:** EPA 624

F38425-1

CAS No.	Compound	F38426-3 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	ND		500	567	113	536	107	6	72-125/7
100-41-4	Ethylbenzene	ND		500	561	112	546	109	3	73-119/8
108-88-3	Toluene	ND		500	523	105	505	101	4	67-123/8
1330-20-7	Xylene (total)	ND		1500	1740	116	1680	112	4	73-122/7

CAS No.	Surrogate Recoveries	MS	MSD	F38426-3	Limits
1868-53-7	Dibromofluoromethane	105%	103%	106%	86-115%
17060-07-0	1,2-Dichloroethane-D4	115%	118%	113%	73-126%
2037-26-5	Toluene-D8	98%	99%	104%	86-112%
460-00-4	4-Bromofluorobenzene	93%	96%	106%	83-119%

Southeast ACCUTEST Laboratories

IT'S ALL IN THE CHEMISTRY

05/11/06

Technical Report for

S M Stoller

Star Center-B100

7031-226

Accutest Job Number: F38426

Sampling Date: 02/07/06

Report to:

S M Stoller

Cathy.Kelleher@gjo.doe.gov

ATTN: Cathy Kelleher

Total number of pages in report: 55

ACCUTEST LABORATORIES 50 YEARS 1956-2006

ACCREDITED IN ACCORDANCE WITH nelac

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

Harry Behzadi, Ph.D.
Laboratory Director

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

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Accutest LabLink@49223 13:31 11-May-2006

Sample Summary

S M Stoller

Job No: F38426

Star Center-B100
Project No: 7031-226

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
F38426-1	02/07/06	09:20	JPC	02/07/06	AQ	Ground Water	PIN12-RW01-N001
F38426-2	02/07/06	09:22	JPC	02/07/06	AQ	Ground Water	PIN12-RW02-N001
F38426-3	02/07/06	09:50	JPC	02/07/06	AQ	Ground Water	PIN12-TRTI-N001
F38426-4	02/07/06	09:55	JPC	02/07/06	AQ	Ground Water	PIN12-TRTE-N001

SAMPLE DELIVERY GROUP CASE NARRATIVE

Client: S M Stoller **Job No:** F38426

Site: Star Center-B100 **Report Date** 2/22/2006

4 Samples were collected on 02/07/2006 and were received at Accutest on 02/07/2006 properly preserved, at 2.8 Deg. C and intact. These Samples received an Accutest job number of F38426.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:** VC1580

Samples F38426-3MS, F38426-3MSD were used as the QC samples indicated.

All method blanks for this batch meet method specific criteria.
MS/MSD recoveries for 2-Chloroethyl vinyl ether are outside control limits.

Blank Spike Recovery for 2-Chloroethyl vinyl ether is above control limits. Samples non-detect for this compound.

F38426-4: Sample was treated with an anti-foaming agent.

Volatiles by GCMS By Method SW846 8260B

Matrix: AQ **Batch ID:** VN423

Samples F38465-2MS, F38465-2MSD were used as the QC samples indicated.

All method blanks for this batch meet method specific criteria.
F38426-2: Sample was treated with an anti-foaming agent.

F38426-1: Sample was treated with an anti-foaming agent.

Extractables by GCMS By Method EPA 625

Matrix: AQ **Batch ID:** OP15714

Samples F38376-2MS, F38376-2MSD were used as the QC samples indicated.

All method blanks for this batch meet method specific criteria.

Blank Spike Recovery for Benzoic Acid is above control limits. Samples non-detect for this compound.

Metals By Method SW846 6010B

Matrix: AQ **Batch ID:** MP9204

All method blanks for this batch meet method specific criteria.

Samples F38475-1DUP, F38475-1MS, F38475-1MSD, F38475-1SDL 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 QualityObjectives for precision, accuracy and completeness as specified in the ALSE Quality Manual except as noted above. This report is to be used in its entirety. ALSE is not responsible for any assumptions of data quality if partial data packages are used.

Narrative prepared by:

Date: February 23, 2006

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

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	PIN12-RW01-N001		
Lab Sample ID:	F38426-1	**Date Sampled:**	02/07/06
Matrix:	AQ - Ground Water	**Date Received:**	02/07/06
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Star Center-B100		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	N0009867.D	100	02/17/06	CS	n/a	n/a	VN423
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	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	200	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	2660	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	200	100	ug/l	
74-87-3	Methyl chloride	ND	200	100	ug/l	
75-09-2	Methylene chloride	ND	500	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	40	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	4210	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:	F38426-1	**Date Sampled:**	02/07/06
Matrix:	AQ - Ground Water	**Date Received:**	02/07/06
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	200	50	ug/l	
75-01-4	Vinyl chloride	746	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	100%		86-115%
17060-07-0	1,2-Dichloroethane-D4	99%		73-126%
2037-26-5	Toluene-D8	97%		86-112%
460-00-4	4-Bromofluorobenzene	103%		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-RW02-N001		
Lab Sample ID:	F38426-2	**Date Sampled:**	02/07/06
Matrix:	AQ - Ground Water	**Date Received:**	02/07/06
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Star Center-B100		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	N0009868.D	10	02/17/06	CS	n/a	n/a	VN423
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	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	20	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	5.8	10	5.0	ug/l	J
75-35-4	1,1-Dichloroethylene	22.1	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	688	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	42.4	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	20	10	ug/l	
74-87-3	Methyl chloride	ND	20	10	ug/l	
75-09-2	Methylene chloride	ND	50	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	4.0	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	326	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:	F38426-2	**Date Sampled:**	02/07/06
Matrix:	AQ - Ground Water	**Date Received:**	02/07/06
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	20	5.0	ug/l	
75-01-4	Vinyl chloride	90.9	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	100%		86-115%
17060-07-0	1,2-Dichloroethane-D4	98%		73-126%
2037-26-5	Toluene-D8	97%		86-112%
460-00-4	4-Bromofluorobenzene	103%		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-TRTI-N001		
Lab Sample ID:	F38426-3	**Date Sampled:**	02/07/06
Matrix:	AQ - Ground Water	**Date Received:**	02/07/06
Method:	EPA 624	**Percent Solids:**	n/a
Project:	Star Center-B100		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	C0038773.D	20	02/10/06	KW	n/a	n/a	VC1580
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	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	40	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	18.2	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	32.9	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	40	20	ug/l	
74-87-3	Methyl chloride	ND	40	20	ug/l	
75-09-2	Methylene chloride	ND	100	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	8.0	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	1230	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:	F38426-3	**Date Sampled:**	02/07/06
Matrix:	AQ - Ground Water	**Date Received:**	02/07/06
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	40	10	ug/l	
75-01-4	Vinyl chloride	218	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	106%		86-115%
17060-07-0	1,2-Dichloroethane-D4	113%		73-126%
2037-26-5	Toluene-D8	104%		86-112%
460-00-4	4-Bromofluorobenzene	106%		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:	F38426-3	**Date Sampled:**	02/07/06
Matrix:	AQ - Ground Water	**Date Received:**	02/07/06
		Percent Solids:	n/a
Project:	Star Center-B100		

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Iron	5190	300	7.5	ug/l	1	02/10/06	02/10/06	RS	SW846 6010B [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA4798
(2) Prep QC Batch: MP9204

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		
Lab Sample ID:	F38426-3	**Date Sampled:**	02/07/06
Matrix:	AQ - Ground Water	**Date Received:**	02/07/06
		Percent Solids:	n/a
Project:	Star Center-B100		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Hardness, Total as CaCO3	378	4.0	mg/l	1	02/21/06	DM	SW846 6010B/SM 2340B

RL = Reporting Limit

Report of Analysis

Client Sample ID:	PIN12-TRTE-N001		
Lab Sample ID:	F38426-4	**Date Sampled:**	02/07/06
Matrix:	AQ - Ground Water	**Date Received:**	02/07/06
Method:	EPA 624	**Percent Solids:**	n/a
Project:	Star Center-B100		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	C0038776.D	1	02/11/06	KW	n/a	n/a	VC1580
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.50	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.50	ug/l	
75-25-2	Bromoform	ND	1.0	0.50	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.50	ug/l	
75-00-3	Chloroethane	ND	2.0	1.0	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
110-75-8	2-Chloroethyl vinyl ether	ND	5.0	2.5	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.50	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.50	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.50	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.50	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.50	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.40	ug/l	
75-71-8	Dichlorodifluoromethane	ND	1.0	0.50	ug/l	
156-59-2	cis-1,2-Dichloroethylene	0.77	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	2.0	1.0	ug/l	
74-87-3	Methyl chloride	ND	2.0	1.0	ug/l	
75-09-2	Methylene chloride	ND	5.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.50	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.40	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:	F38426-4	**Date Sampled:**	02/07/06
Matrix:	AQ - Ground Water	**Date Received:**	02/07/06
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	2.0	0.50	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	109%		73-126%
2037-26-5	Toluene-D8	103%		86-112%
460-00-4	4-Bromofluorobenzene	109%		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:	F38426-4	**Date Sampled:**	02/07/06
Matrix:	AQ - Ground Water	**Date Received:**	02/07/06
Method:	EPA 625 EPA 625	**Percent Solids:**	n/a
Project:	Star Center-B100		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	R00975.D	1	02/11/06	NJ	02/10/06	OP15714	SR49
Run #2							

	Initial Volume	Final Volume
Run #1	900 ml	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic Acid	ND	28	11	ug/l	
95-57-8	2-Chlorophenol	ND	5.6	2.2	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	5.6	2.2	ug/l	
120-83-2	2,4-Dichlorophenol	ND	5.6	2.2	ug/l	
105-67-9	2,4-Dimethylphenol	ND	5.6	2.2	ug/l	
51-28-5	2,4-Dinitrophenol	ND	28	11	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	11	5.6	ug/l	
95-48-7	2-Methylphenol	ND	5.6	2.2	ug/l	
	3&4-Methylphenol	ND	5.6	2.2	ug/l	
88-75-5	2-Nitrophenol	ND	5.6	2.2	ug/l	
100-02-7	4-Nitrophenol	ND	28	11	ug/l	
87-86-5	Pentachlorophenol	ND	28	11	ug/l	
108-95-2	Phenol	ND	5.6	2.2	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	5.6	2.2	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	5.6	2.2	ug/l	
83-32-9	Acenaphthene	ND	5.6	1.1	ug/l	
208-96-8	Acenaphthylene	ND	5.6	1.1	ug/l	
120-12-7	Anthracene	ND	5.6	1.1	ug/l	
56-55-3	Benzo(a)anthracene	ND	5.6	1.1	ug/l	
50-32-8	Benzo(a)pyrene	ND	5.6	1.1	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	5.6	1.1	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	5.6	2.2	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	5.6	1.1	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	5.6	1.1	ug/l	
85-68-7	Butyl benzyl phthalate	ND	5.6	2.2	ug/l	
100-51-6	Benzyl Alcohol	ND	5.6	1.1	ug/l	
91-58-7	2-Chloronaphthalene	ND	5.6	1.1	ug/l	
106-47-8	4-Chloroaniline	ND	11	4.4	ug/l	
86-74-8	Carbazole	ND	5.6	1.1	ug/l	
218-01-9	Chrysene	ND	5.6	1.1	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	5.6	1.1	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	5.6	2.2	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:	F38426-4	**Date Sampled:**	02/07/06
Matrix:	AQ - Ground Water	**Date Received:**	02/07/06
Method:	EPA 625 EPA 625	**Percent Solids:**	n/a
Project:	Star Center-B100		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
108-60-1	bis(2-Chloroisopropyl)ether	ND	5.6	1.1	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	5.6	1.1	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	5.6	1.1	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	5.6	1.1	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	5.6	1.1	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	5.6	2.2	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	5.6	2.2	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	11	5.6	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	5.6	2.2	ug/l	
132-64-9	Dibenzofuran	ND	5.6	1.1	ug/l	
84-74-2	Di-n-butyl phthalate	ND	5.6	2.2	ug/l	
117-84-0	Di-n-octyl phthalate	ND	5.6	2.8	ug/l	
84-66-2	Diethyl phthalate	ND	5.6	2.2	ug/l	
131-11-3	Dimethyl phthalate	ND	5.6	2.2	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	5.6	2.8	ug/l	
206-44-0	Fluoranthene	ND	5.6	1.1	ug/l	
86-73-7	Fluorene	ND	5.6	1.1	ug/l	
118-74-1	Hexachlorobenzene	ND	5.6	1.1	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.6	2.2	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	5.6	2.2	ug/l	
67-72-1	Hexachloroethane	ND	5.6	2.2	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	5.6	2.2	ug/l	
78-59-1	Isophorone	ND	5.6	1.1	ug/l	
91-57-6	2-Methylnaphthalene	ND	5.6	1.1	ug/l	
88-74-4	2-Nitroaniline	ND	11	4.4	ug/l	
99-09-2	3-Nitroaniline	ND	11	4.4	ug/l	
100-01-6	4-Nitroaniline	ND	11	4.4	ug/l	
91-20-3	Naphthalene	ND	5.6	1.1	ug/l	
98-95-3	Nitrobenzene	ND	5.6	1.1	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	5.6	2.2	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	5.6	2.2	ug/l	
85-01-8	Phenanthrene	ND	5.6	1.1	ug/l	
129-00-0	Pyrene	ND	5.6	1.1	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.6	1.1	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	39%		19-90%
4165-62-2	Phenol-d5	24%		10-68%
118-79-6	2,4,6-Tribromophenol	78%		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:	F38426-4	**Date Sampled:**	02/07/06
Matrix:	AQ - Ground Water	**Date Received:**	02/07/06
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	71%		49-119%
321-60-8	2-Fluorobiphenyl	74%		45-118%
1718-51-0	Terphenyl-d14	48%		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		
Lab Sample ID:	F38426-4	**Date Sampled:**	02/07/06
Matrix:	AQ - Ground Water	**Date Received:**	02/07/06
		Percent Solids:	n/a
Project:	Star Center-B100		

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed By		Method	Prep Method
Iron	5160	300	7.5	ug/l	1	02/10/06	02/10/06	RS	SW846 6010B [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA4798
(2) Prep QC Batch: MP9204

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		
Lab Sample ID:	F38426-4	**Date Sampled:**	02/07/06
Matrix:	AQ - Ground Water	**Date Received:**	02/07/06
		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	02/21/06	DM	SW846 6010B/SM 2340B

RL = Reporting Limit

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

ACCUTEST Laboratories

F38426

CHAIN OF CUSTODY

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

ACCUTEST JOB #:

ACCUTEST QUOTE #:

CLIENT INFORMATION

NAME: S.M. Stoller
ADDRESS: 7887 Bryan Dairy Rd, Suite 260
CITY, STATE, ZIP: Largo FL 33777
SEND REPORT TO:
PHONE #:

FACILITY INFORMATION

PROJECT NAME: STAR Center - Monthly sampling
LOCATION: B100
PROJECT NO.: 7031-226
FAX #:

ANALYTICAL INFORMATION

MATRIX CODES

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 DATE	COLLECTION TIME	SAMPLED BY:	MATRIX	# OF BOTTLES	PRESERVATION HCl	NaOH	HNO3	H2SO4	NONE	VOCs - 8260	VOCs - 624	SVOCs - 625	Fe + Hardness	LAB USE ONLY
1	PIN12-RW01-N001	2-7-06	0920	JPC	GW	3	3					3				
2	PIN12-RW02-N001	↓	0922	↓	↓	3	3					3				
3	PIN12-TRTI-N001	↓	0950	↓	↓	4	3						3		1	
4	PIN12-TRTE-N001	↓	0955	↓	↓	6	3						3	2	1	

DATA TURNAROUND INFORMATION

- ☑ STANDARD
- ☐ 48 HOUR RUSH
- ☐ 24 HOUR EMERGENCY
- ☐ OTHER

APPROVED BY:

EMERGENCY OR RUSH IS FAX DATA UNLESS PREVIOUSLY APPROVED

DATA DELIVERABLE INFORMATION

- ☑ STANDARD
- ☐ COMMERCIAL "B"
- ☐ DISK DELIVERABLE
- ☐ STATE FORMS
- ☐ OTHER (SPECIFY)

COMMENTS/REMARKS

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESION, INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER:	DATE TIME:	RECEIVED BY:	RELINQUISHED BY:	DATE TIME:	RECEIVED BY:
1. [signature] 2-7-06		1. [signature] (Accutest) 2/7/06 1:45	2. [signature] (Accutest)		2. [signature] 2/8/06 0830
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 ☐	ON ICE ☐ TEMPERATURE

4.1 4

F38426: Chain of Custody
Page 1 of 2

ACCUTEST LABORATORIES SAMPLE RECEIPT CONFIRMATION

ACCUTEST'S JOB NUMBER: F38426 CLIENT: S.M. Stoller PROJECT: Stx Center - Monthly Sample

DATE/TIME RECEIVED: 2/8/06 2600 # OF COOLERS RECEIVED: 1 COOLER TEMPS: 2.8

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

AIRBILL NUMBERS:

COOLER INFORMATION

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

TRIP BLANK INFORMATION

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

SAMPLE INFORMATION

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

SOIL INFORMATION

NUMBER OF ENCORES ? Ø

NUMBER OF 5035 FIELD KITS ? Ø

SUMMARY OF COMMENTS:

TECHNICIAN SIGNATURE/DATE UNS 2/8/06 TECHNICIAN SIGNATURE/DATE

ASBD06/22/05

4.1

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F38426: Chain of Custody
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GC/MS Volatiles

QC Data Summaries

Includes the following where applicable:

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

Method Blank Summary

Job Number: F38426
Account: STOLCOGJ S M Stoller
Project: Star Center-B100

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VC1580-MB	C0038771.D	1	02/10/06	KW	n/a	n/a	VC1580

The QC reported here applies to the following samples: **Method:** EPA 624

F38426-3, F38426-4

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

Method Blank Summary

Job Number: F38426
Account: STOLCOGJ S M Stoller
Project: Star Center-B100

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VC1580-MB	C0038771.D	1	02/10/06	KW	n/a	n/a	VC1580

The QC reported here applies to the following samples: **Method:** EPA 624

F38426-3, F38426-4

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	105%	86-115%
17060-07-0	1,2-Dichloroethane-D4	111%	73-126%
2037-26-5	Toluene-D8	104%	86-112%
460-00-4	4-Bromofluorobenzene	104%	83-119%

Method Blank Summary

Job Number: F38426
Account: STOLCOGJ S M Stoller
Project: Star Center-B100

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VN423-MB	N0009859.D	1	02/17/06	CS	n/a	n/a	VN423

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

F38426-1, F38426-2

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

Method Blank Summary

Job Number: F38426
Account: STOLCOGJ S M Stoller
Project: Star Center-B100

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VN423-MB	N0009859.D	1	02/17/06	CS	n/a	n/a	VN423

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

F38426-1, F38426-2

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

Blank Spike Summary

Job Number: F38426
Account: STOLCOGJ S M Stoller
Project: Star Center-B100

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VC1580-BS	C0038770.D	1	02/10/06	KW	n/a	n/a	VC1580

The QC reported here applies to the following samples: **Method:** EPA 624

F38426-3, F38426-4

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
71-43-2	Benzene	25	28.0	112	80-120
75-27-4	Bromodichloromethane	25	26.2	105	75-120
75-25-2	Bromoform	25	25.0	100	60-129
108-90-7	Chlorobenzene	25	25.8	103	82-112
75-00-3	Chloroethane	25	26.8	107	67-148
67-66-3	Chloroform	25	26.9	108	78-118
110-75-8	2-Chloroethyl vinyl ether	125	171	137*	23-132
56-23-5	Carbon tetrachloride	25	29.4	118	69-137
75-34-3	1,1-Dichloroethane	25	28.7	115	75-117
75-35-4	1,1-Dichloroethylene	25	27.6	110	67-134
107-06-2	1,2-Dichloroethane	25	28.8	115	68-121
78-87-5	1,2-Dichloropropane	25	27.1	108	78-122
124-48-1	Dibromochloromethane	25	25.5	102	68-118
75-71-8	Dichlorodifluoromethane	25	17.3	69	43-173
156-59-2	cis-1,2-Dichloroethylene	25	25.8	103	81-120
10061-01-5	cis-1,3-Dichloropropene	25	24.1	96	73-115
541-73-1	m-Dichlorobenzene	25	25.0	100	78-116
95-50-1	o-Dichlorobenzene	25	24.6	98	77-115
106-46-7	p-Dichlorobenzene	25	24.0	96	77-113
156-60-5	trans-1,2-Dichloroethylene	25	28.6	114	74-125
10061-02-6	trans-1,3-Dichloropropene	25	26.6	106	69-115
100-41-4	Ethylbenzene	25	28.2	113	82-115
74-83-9	Methyl bromide	25	26.6	106	60-165
74-87-3	Methyl chloride	25	24.3	97	58-152
75-09-2	Methylene chloride	25	27.3	109	66-125
1634-04-4	Methyl Tert Butyl Ether	25	26.3	105	67-127
71-55-6	1,1,1-Trichloroethane	25	28.2	113	78-132
79-34-5	1,1,2,2-Tetrachloroethane	25	23.2	93	67-119
79-00-5	1,1,2-Trichloroethane	25	25.5	102	74-115
127-18-4	Tetrachloroethylene	25	27.2	109	75-126
108-88-3	Toluene	25	26.1	104	81-114
79-01-6	Trichloroethylene	25	27.4	110	80-115
75-69-4	Trichlorofluoromethane	25	30.1	120	65-163
75-01-4	Vinyl chloride	25	25.0	100	70-151
	m,p-Xylene	50	58.3	117	83-118
95-47-6	o-Xylene	25	29.3	117	77-119

Blank Spike Summary

Job Number: F38426
Account: STOLCOGJ S M Stoller
Project: Star Center-B100

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VC1580-BS	C0038770.D	1	02/10/06	KW	n/a	n/a	VC1580

The QC reported here applies to the following samples: **Method:** EPA 624

F38426-3, F38426-4

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	103%	86-115%
17060-07-0	1,2-Dichloroethane-D4	120%	73-126%
2037-26-5	Toluene-D8	102%	86-112%
460-00-4	4-Bromofluorobenzene	96%	83-119%

Blank Spike Summary

Job Number: F38426
Account: STOLCOGJ S M Stoller
Project: Star Center-B100

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VN423-BS	N0009858.D	1	02/17/06	CS	n/a	n/a	VN423

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

F38426-1, F38426-2

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
71-43-2	Benzene	25	26.7	107	80-120
75-27-4	Bromodichloromethane	25	25.3	101	75-120
75-25-2	Bromoform	25	24.1	96	60-129
108-90-7	Chlorobenzene	25	25.8	103	82-112
75-00-3	Chloroethane	25	24.1	96	67-148
67-66-3	Chloroform	25	25.7	103	78-118
110-75-8	2-Chloroethyl vinyl ether	125	139	111	23-132
56-23-5	Carbon tetrachloride	25	30.1	120	69-137
75-34-3	1,1-Dichloroethane	25	26.3	105	75-117
75-35-4	1,1-Dichloroethylene	25	23.6	94	67-134
107-06-2	1,2-Dichloroethane	25	24.3	97	68-121
78-87-5	1,2-Dichloropropane	25	26.1	104	78-122
124-48-1	Dibromochloromethane	25	24.2	97	68-118
75-71-8	Dichlorodifluoromethane	25	32.2	129	43-173
156-59-2	cis-1,2-Dichloroethylene	25	25.5	102	81-120
10061-01-5	cis-1,3-Dichloropropene	25	24.6	98	73-115
541-73-1	m-Dichlorobenzene	25	26.4	106	78-116
95-50-1	o-Dichlorobenzene	25	25.9	104	77-115
106-46-7	p-Dichlorobenzene	25	25.6	102	77-113
156-60-5	trans-1,2-Dichloroethylene	25	27.1	108	74-125
10061-02-6	trans-1,3-Dichloropropene	25	24.8	99	69-115
100-41-4	Ethylbenzene	25	26.0	104	82-115
74-83-9	Methyl bromide	25	30.7	123	60-165
74-87-3	Methyl chloride	25	32.1	128	58-152
75-09-2	Methylene chloride	25	24.0	96	66-125
1634-04-4	Methyl Tert Butyl Ether	25	25.4	102	67-127
71-55-6	1,1,1-Trichloroethane	25	27.2	109	78-132
79-34-5	1,1,2,2-Tetrachloroethane	25	24.8	99	67-119
79-00-5	1,1,2-Trichloroethane	25	24.4	98	74-115
127-18-4	Tetrachloroethylene	25	26.4	106	75-126
108-88-3	Toluene	25	26.3	105	81-114
79-01-6	Trichloroethylene	25	27.0	108	80-115
75-69-4	Trichlorofluoromethane	25	31.1	124	65-163
75-01-4	Vinyl chloride	25	30.2	121	70-151
	m,p-Xylene	50	50.4	101	83-118
95-47-6	o-Xylene	25	23.2	93	77-119

Blank Spike Summary

Job Number: F38426
Account: STOLCOGJ S M Stoller
Project: Star Center-B100

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VN423-BS	N0009858.D	1	02/17/06	CS	n/a	n/a	VN423

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

F38426-1, F38426-2

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

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F38426
Account: STOLCOGJ S M Stoller
Project: Star Center-B100

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
F38426-3MS	C0038774.D	20	02/10/06	KW	n/a	n/a	VC1580
F38426-3MSD	C0038775.D	20	02/11/06	KW	n/a	n/a	VC1580
F38426-3	C0038773.D	20	02/10/06	KW	n/a	n/a	VC1580

The QC reported here applies to the following samples: **Method:** EPA 624

F38426-3, F38426-4

CAS No.	Compound	F38426-3 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	ND		500	567	113	536	107	6	72-125/7
75-27-4	Bromodichloromethane	ND		500	532	106	515	103	3	72-120/8
75-25-2	Bromoform	ND		500	497	99	483	97	3	55-127/11
108-90-7	Chlorobenzene	ND		500	521	104	506	101	3	79-113/7
75-00-3	Chloroethane	ND		500	558	112	509	102	9	56-164/14
67-66-3	Chloroform	ND		500	563	113	527	105	7	75-120/8
110-75-8	2-Chloroethyl vinyl ether	ND		2500	ND	0*	ND	0*	nc	8-137/18
56-23-5	Carbon tetrachloride	ND		500	603	121	581	116	4	56-145/12
75-34-3	1,1-Dichloroethane	ND		500	595	119	553	111	7	70-122/10
75-35-4	1,1-Dichloroethylene	18.2	J	500	575	111	548	106	5	61-137/15
107-06-2	1,2-Dichloroethane	ND		500	581	116	560	112	4	64-124/7
78-87-5	1,2-Dichloropropane	ND		500	559	112	529	106	6	74-123/8
124-48-1	Dibromochloromethane	ND		500	507	101	498	100	2	63-119/9
75-71-8	Dichlorodifluoromethane	ND		500	328	66	346	69	5	35-184/21
156-59-2	cis-1,2-Dichloroethylene	1410		500	2040	126* [a]	1920	102	6	74-125/9
10061-01-5	cis-1,3-Dichloropropene	ND		500	454	91	434	87	5	65-112/10
541-73-1	m-Dichlorobenzene	ND		500	494	99	492	98	0	74-114/7
95-50-1	o-Dichlorobenzene	ND		500	491	98	480	96	2	73-114/8
106-46-7	p-Dichlorobenzene	ND		500	488	98	470	94	4	74-112/7
156-60-5	trans-1,2-Dichloroethylene	32.9		500	631	120	584	110	8	70-127/11
10061-02-6	trans-1,3-Dichloropropene	ND		500	517	103	511	102	1	59-116/11
100-41-4	Ethylbenzene	ND		500	561	112	546	109	3	73-119/8
74-83-9	Methyl bromide	ND		500	575	115	525	105	9	52-172/16
74-87-3	Methyl chloride	ND		500	477	95	473	95	1	53-155/19
75-09-2	Methylene chloride	ND		500	552	110	527	105	5	61-129/11
1634-04-4	Methyl Tert Butyl Ether	ND		500	530	106	523	105	1	61-129/9
71-55-6	1,1,1-Trichloroethane	ND		500	570	114	545	109	4	72-133/8
79-34-5	1,1,2,2-Tetrachloroethane	ND		500	495	99	496	99	0	64-120/10
79-00-5	1,1,2-Trichloroethane	ND		500	504	101	476	95	6	72-116/9
127-18-4	Tetrachloroethylene	ND		500	523	105	512	102	2	70-126/9
108-88-3	Toluene	ND		500	523	105	505	101	4	67-123/8
79-01-6	Trichloroethylene	1230		500	1790	112	1680	90	6	73-117/10
75-69-4	Trichlorofluoromethane	ND		500	615	123	570	114	8	52-164/16
75-01-4	Vinyl chloride	218		500	670	90	656	88	2	63-161/18
	m,p-Xylene	ND		1000	1160	116	1110	111	4	74-123/7
95-47-6	o-Xylene	ND		500	580	116	565	113	3	68-123/7

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F38426
Account: STOLCOGJ S M Stoller
Project: Star Center-B100

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
F38426-3MS	C0038774.D	20	02/10/06	KW	n/a	n/a	VC1580
F38426-3MSD	C0038775.D	20	02/11/06	KW	n/a	n/a	VC1580
F38426-3	C0038773.D	20	02/10/06	KW	n/a	n/a	VC1580

The QC reported here applies to the following samples: **Method:** EPA 624

F38426-3, F38426-4

CAS No.	Surrogate Recoveries	MS	MSD	F38426-3	Limits
1868-53-7	Dibromofluoromethane	105%	103%	106%	86-115%
17060-07-0	1,2-Dichloroethane-D4	115%	118%	113%	73-126%
2037-26-5	Toluene-D8	98%	99%	104%	86-112%
460-00-4	4-Bromofluorobenzene	93%	96%	106%	83-119%

(a) Outside control limits due to high level in sample relative to spike amount.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F38426
Account: STOLCOGJ S M Stoller
Project: Star Center-B100

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
F38465-2MS	N0009871.D	1	02/17/06	CS	n/a	n/a	VN423
F38465-2MSD	N0009872.D	1	02/17/06	CS	n/a	n/a	VN423
F38465-2	N0009865.D	1	02/17/06	CS	n/a	n/a	VN423

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

F38426-1, F38426-2

CAS No.	Compound	F38465-2 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	ND		25	26.8	107	26.5	106	1	72-125/7
75-27-4	Bromodichloromethane	ND		25	24.8	99	25.2	101	2	72-120/8
75-25-2	Bromoform	ND		25	22.8	91	22.9	92	0	55-127/11
108-90-7	Chlorobenzene	ND		25	25.2	101	24.8	99	2	79-113/7
75-00-3	Chloroethane	ND		25	33.5	134	32.4	130	3	56-164/14
67-66-3	Chloroform	34.7		25	60.8	104	60.3	102	1	75-120/8
110-75-8	2-Chloroethyl vinyl ether	ND		125	ND	0*	ND	0*	nc	8-137/18
56-23-5	Carbon tetrachloride	ND		25	28.7	115	25.4	102	12	56-145/12
75-34-3	1,1-Dichloroethane	ND		25	26.3	105	26.5	106	1	70-122/10
75-35-4	1,1-Dichloroethylene	ND		25	28.4	114	31.8	127	11	61-137/15
107-06-2	1,2-Dichloroethane	ND		25	24.6	98	24.4	98	1	64-124/7
78-87-5	1,2-Dichloropropane	ND		25	26.2	105	26.3	105	0	74-123/8
124-48-1	Dibromochloromethane	ND		25	22.9	92	22.5	90	2	63-119/9
75-71-8	Dichlorodifluoromethane	ND		25	29.6	118	30.0	120	1	35-184/21
156-59-2	cis-1,2-Dichloroethylene	ND		25	24.5	98	24.1	96	2	74-125/9
10061-01-5	cis-1,3-Dichloropropene	ND		25	22.1	88	22.6	90	2	65-112/10
541-73-1	m-Dichlorobenzene	ND		25	25.2	101	25.5	102	1	74-114/7
95-50-1	o-Dichlorobenzene	ND		25	25.3	101	25.6	102	1	73-114/8
106-46-7	p-Dichlorobenzene	0.54	J	25	25.1	98	25.0	98	0	74-112/7
156-60-5	trans-1,2-Dichloroethylene	ND		25	26.2	105	26.4	106	1	70-127/11
10061-02-6	trans-1,3-Dichloropropene	ND		25	23.3	93	23.8	95	2	59-116/11
100-41-4	Ethylbenzene	ND		25	25.6	102	25.4	102	1	73-119/8
74-83-9	Methyl bromide	ND		25	32.3	129	32.4	130	0	52-172/16
74-87-3	Methyl chloride	ND		25	35.6	142	34.7	139	3	53-155/19
75-09-2	Methylene chloride	ND		25	24.4	98	24.9	100	2	61-129/11
1634-04-4	Methyl Tert Butyl Ether	1.0		25	25.4	98	25.7	99	1	61-129/9
71-55-6	1,1,1-Trichloroethane	ND		25	25.7	103	26.0	104	1	72-133/8
79-34-5	1,1,2,2-Tetrachloroethane	ND		25	25.8	103	25.1	100	3	64-120/10
79-00-5	1,1,2-Trichloroethane	ND		25	23.6	94	23.9	96	1	72-116/9
127-18-4	Tetrachloroethylene	ND		25	25.2	101	25.1	100	0	70-126/9
108-88-3	Toluene	ND		25	24.6	98	24.6	98	0	67-123/8
79-01-6	Trichloroethylene	ND		25	26.5	106	26.8	107	1	73-117/10
75-69-4	Trichlorofluoromethane	ND		25	32.7	131	32.5	130	1	52-164/16
75-01-4	Vinyl chloride	ND		25	36.5	146	34.9	140	4	63-161/18
	m,p-Xylene	ND		50	48.9	98	48.7	97	0	74-123/7
95-47-6	o-Xylene	ND		25	22.2	89	22.2	89	0	68-123/7

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F38426
Account: STOLCOGJ S M Stoller
Project: Star Center-B100

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
F38465-2MS	N0009871.D	1	02/17/06	CS	n/a	n/a	VN423
F38465-2MSD	N0009872.D	1	02/17/06	CS	n/a	n/a	VN423
F38465-2	N0009865.D	1	02/17/06	CS	n/a	n/a	VN423

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

F38426-1, F38426-2

CAS No.	Surrogate Recoveries	MS	MSD	F38465-2	Limits
1868-53-7	Dibromofluoromethane	102%	100%	100%	86-115%
17060-07-0	1,2-Dichloroethane-D4	101%	102%	100%	73-126%
2037-26-5	Toluene-D8	94%	93%	98%	86-112%
460-00-4	4-Bromofluorobenzene	95%	97%	102%	83-119%

GC/MS Semi-volatiles

QC Data Summaries

Includes the following where applicable:

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

Method Blank Summary

Job Number: F38426
Account: STOLCOGJ S M Stoller
Project: Star Center-B100

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP15714-MB	R00970.D	1	02/10/06	NJ	02/10/06	OP15714	SR49

The QC reported here applies to the following samples: **Method:** EPA 625

F38426-4

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic Acid	ND	25	10	ug/l	
95-57-8	2-Chlorophenol	ND	5.0	2.0	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	5.0	2.0	ug/l	
120-83-2	2,4-Dichlorophenol	ND	5.0	2.0	ug/l	
105-67-9	2,4-Dimethylphenol	ND	5.0	2.0	ug/l	
51-28-5	2,4-Dinitrophenol	ND	25	10	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	10	5.0	ug/l	
95-48-7	2-Methylphenol	ND	5.0	2.0	ug/l	
	3&4-Methylphenol	ND	5.0	2.0	ug/l	
88-75-5	2-Nitrophenol	ND	5.0	2.0	ug/l	
100-02-7	4-Nitrophenol	ND	25	10	ug/l	
87-86-5	Pentachlorophenol	ND	25	10	ug/l	
108-95-2	Phenol	ND	5.0	2.0	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	5.0	2.0	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	5.0	2.0	ug/l	
83-32-9	Acenaphthene	ND	5.0	1.0	ug/l	
208-96-8	Acenaphthylene	ND	5.0	1.0	ug/l	
120-12-7	Anthracene	ND	5.0	1.0	ug/l	
56-55-3	Benzo(a)anthracene	ND	5.0	1.0	ug/l	
50-32-8	Benzo(a)pyrene	ND	5.0	1.0	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	5.0	1.0	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	5.0	2.0	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	5.0	1.0	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	5.0	1.0	ug/l	
85-68-7	Butyl benzyl phthalate	ND	5.0	2.0	ug/l	
100-51-6	Benzyl Alcohol	ND	5.0	1.0	ug/l	
91-58-7	2-Chloronaphthalene	ND	5.0	1.0	ug/l	
106-47-8	4-Chloroaniline	ND	10	4.0	ug/l	
86-74-8	Carbazole	ND	5.0	1.0	ug/l	
218-01-9	Chrysene	ND	5.0	1.0	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	5.0	1.0	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	5.0	2.0	ug/l	
108-60-1	bis(2-Chloroisopropyl)ether	ND	5.0	1.0	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	5.0	1.0	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	5.0	1.0	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	5.0	1.0	ug/l	

Method Blank Summary

Job Number: F38426
Account: STOLCOGJ S M Stoller
Project: Star Center-B100

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP15714-MB	R00970.D	1	02/10/06	NJ	02/10/06	OP15714	SR49

The QC reported here applies to the following samples: **Method:** EPA 625

F38426-4

CAS No.	Compound	Result	RL	MDL	Units	Q
106-46-7	1,4-Dichlorobenzene	ND	5.0	1.0	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	5.0	2.0	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	5.0	2.0	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	10	5.0	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	5.0	2.0	ug/l	
132-64-9	Dibenzofuran	ND	5.0	1.0	ug/l	
84-74-2	Di-n-butyl phthalate	ND	5.0	2.0	ug/l	
117-84-0	Di-n-octyl phthalate	ND	5.0	2.5	ug/l	
84-66-2	Diethyl phthalate	ND	5.0	2.0	ug/l	
131-11-3	Dimethyl phthalate	ND	5.0	2.0	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	5.0	2.5	ug/l	
206-44-0	Fluoranthene	ND	5.0	1.0	ug/l	
86-73-7	Fluorene	ND	5.0	1.0	ug/l	
118-74-1	Hexachlorobenzene	ND	5.0	1.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	2.0	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	5.0	2.0	ug/l	
67-72-1	Hexachloroethane	ND	5.0	2.0	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	5.0	2.0	ug/l	
78-59-1	Isophorone	ND	5.0	1.0	ug/l	
91-57-6	2-Methylnaphthalene	ND	5.0	1.0	ug/l	
88-74-4	2-Nitroaniline	ND	10	4.0	ug/l	
99-09-2	3-Nitroaniline	ND	10	4.0	ug/l	
100-01-6	4-Nitroaniline	ND	10	4.0	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
98-95-3	Nitrobenzene	ND	5.0	1.0	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	5.0	2.0	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	5.0	2.0	ug/l	
85-01-8	Phenanthrene	ND	5.0	1.0	ug/l	
129-00-0	Pyrene	ND	5.0	1.0	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	1.0	ug/l	

CAS No.	Surrogate Recoveries		Limits
367-12-4	2-Fluorophenol	46%	19-90%
4165-62-2	Phenol-d5	30%	10-68%

Method Blank Summary

Job Number: F38426
Account: STOLCOGJ S M Stoller
Project: Star Center-B100

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP15714-MB	R00970.D	1	02/10/06	NJ	02/10/06	OP15714	SR49

The QC reported here applies to the following samples: **Method:** EPA 625

F38426-4

CAS No.	Surrogate Recoveries		Limits
118-79-6	2,4,6-Tribromophenol	83%	36-137%
4165-60-0	Nitrobenzene-d5	74%	49-119%
321-60-8	2-Fluorobiphenyl	76%	45-118%
1718-51-0	Terphenyl-d14	80%	46-135%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
994	Butane, 2-methoxy-2-methyl-	2.33	12	ug/l	JN
	Total TIC, Semi-Volatile		12	ug/l	J

Method Blank Summary

Job Number: F38426
Account: STOLCOGJ S M Stoller
Project: Star Center-B100

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP15714-MB	R01027.D	1	02/13/06	NJ	02/10/06	OP15714	SR50

The QC reported here applies to the following samples: **Method:** EPA 625

F38426-4

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic Acid	ND	25	10	ug/l	
95-57-8	2-Chlorophenol	ND	5.0	2.0	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	5.0	2.0	ug/l	
120-83-2	2,4-Dichlorophenol	ND	5.0	2.0	ug/l	
105-67-9	2,4-Dimethylphenol	ND	5.0	2.0	ug/l	
51-28-5	2,4-Dinitrophenol	ND	25	10	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	10	5.0	ug/l	
95-48-7	2-Methylphenol	ND	5.0	2.0	ug/l	
	3&4-Methylphenol	ND	5.0	2.0	ug/l	
88-75-5	2-Nitrophenol	ND	5.0	2.0	ug/l	
100-02-7	4-Nitrophenol	ND	25	10	ug/l	
87-86-5	Pentachlorophenol	ND	25	10	ug/l	
108-95-2	Phenol	ND	5.0	2.0	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	5.0	2.0	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	5.0	2.0	ug/l	
83-32-9	Acenaphthene	ND	5.0	1.0	ug/l	
208-96-8	Acenaphthylene	ND	5.0	1.0	ug/l	
120-12-7	Anthracene	ND	5.0	1.0	ug/l	
56-55-3	Benzo(a)anthracene	ND	5.0	1.0	ug/l	
50-32-8	Benzo(a)pyrene	ND	5.0	1.0	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	5.0	1.0	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	5.0	2.0	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	5.0	1.0	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	5.0	1.0	ug/l	
85-68-7	Butyl benzyl phthalate	ND	5.0	2.0	ug/l	
100-51-6	Benzyl Alcohol	ND	5.0	1.0	ug/l	
91-58-7	2-Chloronaphthalene	ND	5.0	1.0	ug/l	
106-47-8	4-Chloroaniline	ND	10	4.0	ug/l	
86-74-8	Carbazole	ND	5.0	1.0	ug/l	
218-01-9	Chrysene	ND	5.0	1.0	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	5.0	1.0	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	5.0	2.0	ug/l	
108-60-1	bis(2-Chloroisopropyl)ether	ND	5.0	1.0	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	5.0	1.0	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	5.0	1.0	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	5.0	1.0	ug/l	

Method Blank Summary

Job Number: F38426
Account: STOLCOGJ S M Stoller
Project: Star Center-B100

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP15714-MB	R01027.D	1	02/13/06	NJ	02/10/06	OP15714	SR50

The QC reported here applies to the following samples: **Method:** EPA 625

F38426-4

CAS No.	Compound	Result	RL	MDL	Units	Q
106-46-7	1,4-Dichlorobenzene	ND	5.0	1.0	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	5.0	2.0	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	5.0	2.0	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	10	5.0	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	5.0	2.0	ug/l	
132-64-9	Dibenzofuran	ND	5.0	1.0	ug/l	
84-74-2	Di-n-butyl phthalate	ND	5.0	2.0	ug/l	
117-84-0	Di-n-octyl phthalate	ND	5.0	2.5	ug/l	
84-66-2	Diethyl phthalate	ND	5.0	2.0	ug/l	
131-11-3	Dimethyl phthalate	ND	5.0	2.0	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	5.0	2.5	ug/l	
206-44-0	Fluoranthene	ND	5.0	1.0	ug/l	
86-73-7	Fluorene	ND	5.0	1.0	ug/l	
118-74-1	Hexachlorobenzene	ND	5.0	1.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	2.0	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	5.0	2.0	ug/l	
67-72-1	Hexachloroethane	ND	5.0	2.0	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	5.0	2.0	ug/l	
78-59-1	Isophorone	ND	5.0	1.0	ug/l	
91-57-6	2-Methylnaphthalene	ND	5.0	1.0	ug/l	
88-74-4	2-Nitroaniline	ND	10	4.0	ug/l	
99-09-2	3-Nitroaniline	ND	10	4.0	ug/l	
100-01-6	4-Nitroaniline	ND	10	4.0	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
98-95-3	Nitrobenzene	ND	5.0	1.0	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	5.0	2.0	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	5.0	2.0	ug/l	
85-01-8	Phenanthrene	ND	5.0	1.0	ug/l	
129-00-0	Pyrene	ND	5.0	1.0	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	1.0	ug/l	

CAS No.	Surrogate Recoveries		Limits
367-12-4	2-Fluorophenol	46%	19-90%
4165-62-2	Phenol-d5	31%	10-68%

Method Blank Summary

Job Number: F38426
Account: STOLCOGJ S M Stoller
Project: Star Center-B100

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP15714-MB	R01027.D	1	02/13/06	NJ	02/10/06	OP15714	SR50

The QC reported here applies to the following samples: **Method:** EPA 625

F38426-4

CAS No.	Surrogate Recoveries		Limits
118-79-6	2,4,6-Tribromophenol	83%	36-137%
4165-60-0	Nitrobenzene-d5	73%	49-119%
321-60-8	2-Fluorobiphenyl	74%	45-118%
1718-51-0	Terphenyl-d14	76%	46-135%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
994	Butane, 2-methoxy-2-methyl-	2.33	11	ug/l	JN
31158	Hexadecanoic acid, 1,1-dimethyleth	14.03	6.7	ug/l	JN
123	Octadecanoic acid, butyl ester	15.41	5.4	ug/l	JN
	Total TIC, Semi-Volatile		23.1	ug/l	J

Blank Spike Summary

Job Number: F38426
Account: STOLCOGJ S M Stoller
Project: Star Center-B100

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP15714-BS	R00969.D	1	02/10/06	NJ	02/10/06	OP15714	SR49

The QC reported here applies to the following samples: **Method:** EPA 625

F38426-4

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
65-85-0	Benzoic Acid	100	46.3	46*	8-45
95-57-8	2-Chlorophenol	50	40.1	80	62-103
59-50-7	4-Chloro-3-methyl phenol	50	42.2	84	64-103
120-83-2	2,4-Dichlorophenol	50	43.5	87	59-103
105-67-9	2,4-Dimethylphenol	50	35.1	70	43-94
51-28-5	2,4-Dinitrophenol	100	87.3	87	12-125
534-52-1	4,6-Dinitro-o-cresol	100	88.9	89	47-119
95-48-7	2-Methylphenol	50	36.0	72	54-91
	3&4-Methylphenol	100	65.0	65	48-86
88-75-5	2-Nitrophenol	50	43.7	87	64-104
100-02-7	4-Nitrophenol	100	41.5	42	22-50
87-86-5	Pentachlorophenol	100	92.3	92	50-111
108-95-2	Phenol	50	22.1	44	25-53
95-95-4	2,4,5-Trichlorophenol	50	43.6	87	66-104
88-06-2	2,4,6-Trichlorophenol	50	43.5	87	60-103
83-32-9	Acenaphthene	50	41.5	83	62-101
208-96-8	Acenaphthylene	50	42.5	85	65-113
120-12-7	Anthracene	50	42.4	85	69-107
56-55-3	Benzo(a)anthracene	50	42.1	84	68-106
50-32-8	Benzo(a)pyrene	50	41.5	83	70-114
205-99-2	Benzo(b)fluoranthene	50	41.9	84	68-110
191-24-2	Benzo(g,h,i)perylene	50	43.7	87	63-115
207-08-9	Benzo(k)fluoranthene	50	41.4	83	68-112
101-55-3	4-Bromophenyl phenyl ether	50	43.5	87	73-103
85-68-7	Butyl benzyl phthalate	50	39.6	79	69-108
100-51-6	Benzyl Alcohol	50	36.6	73	34-104
91-58-7	2-Chloronaphthalene	50	41.0	82	64-102
106-47-8	4-Chloroaniline	50	39.7	79	57-104
86-74-8	Carbazole	50	42.7	85	69-113
218-01-9	Chrysene	50	41.9	84	68-103
111-91-1	bis(2-Chloroethoxy)methane	50	36.7	73	57-103
111-44-4	bis(2-Chloroethyl)ether	50	41.5	83	64-106
108-60-1	bis(2-Chloroisopropyl)ether	50	42.8	86	52-120
7005-72-3	4-Chlorophenyl phenyl ether	50	41.7	83	71-104
95-50-1	1,2-Dichlorobenzene	50	41.0	82	62-100
541-73-1	1,3-Dichlorobenzene	50	39.9	80	59-99

Blank Spike Summary

Job Number: F38426
Account: STOLCOGJ S M Stoller
Project: Star Center-B100

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP15714-BS	R00969.D	1	02/10/06	NJ	02/10/06	OP15714	SR49

The QC reported here applies to the following samples: **Method:** EPA 625

F38426-4

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
106-46-7	1,4-Dichlorobenzene	50	40.2	80	60-101
121-14-2	2,4-Dinitrotoluene	50	41.8	84	65-111
606-20-2	2,6-Dinitrotoluene	50	40.6	81	77-111
91-94-1	3,3'-Dichlorobenzidine	50	41.0	82	42-110
53-70-3	Dibenzo(a,h)anthracene	50	45.0	90	62-115
132-64-9	Dibenzofuran	50	42.9	86	69-104
84-74-2	Di-n-butyl phthalate	50	40.1	80	68-109
117-84-0	Di-n-octyl phthalate	50	39.6	79	63-120
84-66-2	Diethyl phthalate	50	40.2	80	64-110
131-11-3	Dimethyl phthalate	50	40.9	82	44-120
117-81-7	bis(2-Ethylhexyl)phthalate	50	39.2	78	64-115
206-44-0	Fluoranthene	50	43.6	87	68-111
86-73-7	Fluorene	50	41.6	83	66-105
118-74-1	Hexachlorobenzene	50	42.6	85	69-103
87-68-3	Hexachlorobutadiene	50	42.2	84	55-90
77-47-4	Hexachlorocyclopentadiene	50	26.3	53	26-95
67-72-1	Hexachloroethane	50	39.7	79	59-104
193-39-5	Indeno(1,2,3-cd)pyrene	50	45.9	92	63-118
78-59-1	Isophorone	50	42.1	84	64-107
91-57-6	2-Methylnaphthalene	50	43.7	87	66-100
88-74-4	2-Nitroaniline	50	42.4	85	65-111
99-09-2	3-Nitroaniline	50	37.7	75	61-106
100-01-6	4-Nitroaniline	50	40.4	81	60-113
91-20-3	Naphthalene	50	41.5	83	62-101
98-95-3	Nitrobenzene	50	41.6	83	61-106
621-64-7	N-Nitroso-di-n-propylamine	50	40.9	82	64-109
86-30-6	N-Nitrosodiphenylamine	50	42.4	85	69-114
85-01-8	Phenanthrene	50	42.4	85	68-104
129-00-0	Pyrene	50	41.0	82	64-105
120-82-1	1,2,4-Trichlorobenzene	50	41.6	83	64-101

CAS No.	Surrogate Recoveries	BSP	Limits
367-12-4	2-Fluorophenol	55%	19-90%
4165-62-2	Phenol-d5	37%	10-68%

Blank Spike Summary

Job Number: F38426
Account: STOLCOGJ S M Stoller
Project: Star Center-B100

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP15714-BS	R00969.D	1	02/10/06	NJ	02/10/06	OP15714	SR49

The QC reported here applies to the following samples: **Method:** EPA 625

F38426-4

CAS No.	Surrogate Recoveries	BSP	Limits
118-79-6	2,4,6-Tribromophenol	83%	36-137%
4165-60-0	Nitrobenzene-d5	78%	49-119%
321-60-8	2-Fluorobiphenyl	79%	45-118%
1718-51-0	Terphenyl-d14	77%	46-135%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F38426
Account: STOLCOGJ S M Stoller
Project: Star Center-B100

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP15714-MS	R00978.D	1	02/11/06	NJ	02/10/06	OP15714	SR49
OP15714-MSD	R00979.D	1	02/11/06	NJ	02/10/06	OP15714	SR49
F38376-2	R00977.D	1	02/11/06	NJ	02/10/06	OP15714	SR49

The QC reported here applies to the following samples: **Method:** EPA 625

F38426-4

CAS No.	Compound	F38376-2 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
65-85-0	Benzoic Acid	ND		192	106	55	109	57	3	16-73/41
95-57-8	2-Chlorophenol	ND		96.2	73.3	76	76.8	80	5	53-102/24
59-50-7	4-Chloro-3-methyl phenol	ND		96.2	75.9	79	81.5	85	7	60-101/18
120-83-2	2,4-Dichlorophenol	ND		96.2	77.3	80	82.5	86	7	55-100/24
105-67-9	2,4-Dimethylphenol	ND		96.2	61.4	64	62.0	64	1	36-98/26
51-28-5	2,4-Dinitrophenol	ND		192	143	74	157	82	9	14-135/39
534-52-1	4,6-Dinitro-o-cresol	ND		192	153	80	165	86	8	40-127/24
95-48-7	2-Methylphenol	ND		96.2	67.4	70	69.8	73	3	46-100/23
	3&4-Methylphenol	ND		192	125	65	128	67	2	43-100/23
88-75-5	2-Nitrophenol	ND		96.2	75.7	79	81.0	84	7	53-104/25
100-02-7	4-Nitrophenol	ND		192	96.4	50	100	52	4	32-81/28
87-86-5	Pentachlorophenol	ND		192	166	86	178	93	7	44-118/16
108-95-2	Phenol	ND		96.2	47.9	50	49.4	51	3	31-77/26
95-95-4	2,4,5-Trichlorophenol	ND		96.2	79.2	82	83.6	87	5	61-102/18
88-06-2	2,4,6-Trichlorophenol	ND		96.2	78.9	82	82.9	86	5	55-103/21
83-32-9	Acenaphthene	ND		96.2	74.4	77	79.3	82	6	55-103/20
208-96-8	Acenaphthylene	ND		96.2	76.1	79	80.8	84	6	55-113/20
120-12-7	Anthracene	ND		96.2	76.2	79	81.9	85	7	66-105/14
56-55-3	Benzo(a)anthracene	ND		96.2	75.4	78	81.3	85	8	65-103/16
50-32-8	Benzo(a)pyrene	ND		96.2	74.4	77	79.8	83	7	65-113/16
205-99-2	Benzo(b)fluoranthene	ND		96.2	75.3	78	81.2	84	8	62-110/17
191-24-2	Benzo(g,h,i)perylene	ND		96.2	76.0	79	81.0	84	6	58-111/17
207-08-9	Benzo(k)fluoranthene	ND		96.2	75.0	78	81.2	84	8	63-110/17
101-55-3	4-Bromophenyl phenyl ether	ND		96.2	77.4	80	85.0	88	9	68-102/16
85-68-7	Butyl benzyl phthalate	ND		96.2	70.7	74	77.9	81	10	65-108/17
100-51-6	Benzyl Alcohol	ND		96.2	69.0	72	70.5	73	2	48-106/24
91-58-7	2-Chloronaphthalene	ND		96.2	73.6	77	79.0	82	7	58-101/22
106-47-8	4-Chloroaniline	ND		96.2	67.7	70	66.1	69	2	39-101/21
86-74-8	Carbazole	ND		96.2	74.9	78	79.5	83	6	66-109/16
218-01-9	Chrysene	ND		96.2	75.0	78	81.0	84	8	65-100/18
111-91-1	bis(2-Chloroethoxy)methane	ND		96.2	65.9	69	71.2	74	8	49-100/24
111-44-4	bis(2-Chloroethyl)ether	ND		96.2	74.9	78	79.4	83	6	54-103/24
108-60-1	bis(2-Chloroisopropyl)ether	ND		96.2	75.8	79	80.8	84	6	49-109/22
7005-72-3	4-Chlorophenyl phenyl ether	ND		96.2	76.4	79	81.7	85	7	65-103/18
95-50-1	1,2-Dichlorobenzene	ND		96.2	73.9	77	78.1	81	6	50-101/22
541-73-1	1,3-Dichlorobenzene	ND		96.2	71.1	74	75.6	79	6	50-100/23

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F38426
Account: STOLCOGJ S M Stoller
Project: Star Center-B100

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP15714-MS	R00978.D	1	02/11/06	NJ	02/10/06	OP15714	SR49
OP15714-MSD	R00979.D	1	02/11/06	NJ	02/10/06	OP15714	SR49
F38376-2	R00977.D	1	02/11/06	NJ	02/10/06	OP15714	SR49

The QC reported here applies to the following samples: **Method:** EPA 625

F38426-4

CAS No.	Compound	F38376-2 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
106-46-7	1,4-Dichlorobenzene	ND		96.2	72.2	75	76.2	79	5	51-101/23
121-14-2	2,4-Dinitrotoluene	ND		96.2	74.1	77	80.2	83	8	60-110/16
606-20-2	2,6-Dinitrotoluene	ND		96.2	71.1	74	76.8	80	8	60-111/19
91-94-1	3,3'-Dichlorobenzidine	ND		96.2	67.3	70	70.9	74	5	18-112/22
53-70-3	Dibenzo(a,h)anthracene	ND		96.2	78.8	82	85.2	89	8	57-111/20
132-64-9	Dibenzofuran	ND		96.2	75.6	79	80.1	83	6	64-102/17
84-74-2	Di-n-butyl phthalate	ND		96.2	72.9	76	79.5	83	9	63-107/17
117-84-0	Di-n-octyl phthalate	ND		96.2	71.9	75	81.2	84	12	58-126/23
84-66-2	Diethyl phthalate	ND		96.2	74.3	77	79.3	82	7	59-110/18
131-11-3	Dimethyl phthalate	ND		96.2	74.6	78	80.2	83	7	40-116/25
117-81-7	bis(2-Ethylhexyl)phthalate	ND		96.2	70.0	73	78.4	82	11	55-120/22
206-44-0	Fluoranthene	ND		96.2	79.5	83	84.2	88	6	62-108/17
86-73-7	Fluorene	ND		96.2	75.0	78	80.0	83	6	60-105/17
118-74-1	Hexachlorobenzene	ND		96.2	77.0	80	82.8	86	7	64-102/16
87-68-3	Hexachlorobutadiene	ND		96.2	76.2	79	82.4	86	8	45-93/26
77-47-4	Hexachlorocyclopentadiene	ND		96.2	48.9	51	52.6	55	7	20-92/34
67-72-1	Hexachloroethane	ND		96.2	72.0	75	76.6	80	6	51-105/26
193-39-5	Indeno(1,2,3-cd)pyrene	ND		96.2	78.0	81	84.6	88	8	61-111/19
78-59-1	Isophorone	ND		96.2	74.9	78	80.5	84	7	59-103/23
91-57-6	2-Methylnaphthalene	ND		96.2	77.1	80	82.4	86	7	56-100/23
88-74-4	2-Nitroaniline	ND		96.2	73.4	76	78.7	82	7	61-107/18
99-09-2	3-Nitroaniline	ND		96.2	61.3	64	60.8	63	1	47-107/26
100-01-6	4-Nitroaniline	ND		96.2	70.0	73	73.3	76	5	48-119/21
91-20-3	Naphthalene	ND		96.2	73.7	77	78.2	81	6	52-102/23
98-95-3	Nitrobenzene	ND		96.2	72.7	76	78.7	82	8	51-103/25
621-64-7	N-Nitroso-di-n-propylamine	ND		96.2	71.6	74	76.5	80	7	57-103/24
86-30-6	N-Nitrosodiphenylamine	ND		96.2	75.5	79	81.4	85	8	62-112/16
85-01-8	Phenanthrene	ND		96.2	75.6	79	81.1	84	7	64-103/15
129-00-0	Pyrene	ND		96.2	73.4	76	79.2	82	8	59-107/21
120-82-1	1,2,4-Trichlorobenzene	ND		96.2	74.4	77	79.8	83	7	54-102/24

CAS No.	Surrogate Recoveries	MS	MSD	F38376-2	Limits
367-12-4	2-Fluorophenol	58%	59%		19-90%
4165-62-2	Phenol-d5	41%	43%		10-68%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F38426
Account: STOLCOGJ S M Stoller
Project: Star Center-B100

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP15714-MS	R00978.D	1	02/11/06	NJ	02/10/06	OP15714	SR49
OP15714-MSD	R00979.D	1	02/11/06	NJ	02/10/06	OP15714	SR49
F38376-2	R00977.D	1	02/11/06	NJ	02/10/06	OP15714	SR49

The QC reported here applies to the following samples: **Method:** EPA 625

F38426-4

CAS No.	Surrogate Recoveries	MS	MSD	F38376-2	Limits
118-79-6	2,4,6-Tribromophenol	77%	83%		36-137%
4165-60-0	Nitrobenzene-d5	70%	75%	74%	49-119%
321-60-8	2-Fluorobiphenyl	73%	79%	79%	45-118%
1718-51-0	Terphenyl-d14	71%	75%	71%	46-135%

Metals Analysis

QC Data Summaries

Includes the following where applicable:

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

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: F38426
Account: STOLCOGJ - S M Stoller
Project: Star Center-B100

QC Batch ID: MP9204
Matrix Type: AQUEOUS

Methods: SW846 6010B
Units: ug/l

Prep Date:				02/10/06		02/10/06
Metal	RL	IDL	MB raw	final	MB raw	final
Aluminum	200	13				
Antimony	5.0	1.5				
Arsenic	10	2.1				
Barium	200	.5				
Beryllium	4.0	.2				
Cadmium	5.0	.5				
Calcium	1000	16				
Chromium	10	.5				
Cobalt	50	.5				
Copper	25	.4				
Iron	300	16	11.4	<300	11.8	<300
Lead	5.0	1.2				
Magnesium	5000	9.9	anr			
Manganese	15	.2	anr			
Molybdenum	50	.8				
Nickel	40	.6				
Potassium	5000	16				
Selenium	10	1.6				
Silver	10	.6				
Sodium	5000	65				
Thallium	10	1.8				
Tin	50	1.4				
Vanadium	50	.6				
Zinc	20	1.1				

Associated samples MP9204: F38426-3, F38426-4

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

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: F38426
Account: STOLCOGJ - S M Stoller
Project: Star Center-B100

QC Batch ID: MP9204
Matrix Type: AQUEOUS

Methods: SW846 6010B
Units: ug/l

Prep Date:			02/10/06					02/10/06	
Metal	F38475-1 Original	DUP	RPD	QC Limits	F38475-1 Original	MS	Spikelot MPFLICP	% Rec	QC Limits
Aluminum									
Antimony									
Arsenic									
Barium									
Beryllium									
Cadmium									
Calcium									
Chromium									
Cobalt									
Copper									
Iron	1060	1070	0.9	0-20	1060	29500	27000	105.3	75-125
Lead									
Magnesium	anr								
Manganese	anr								
Molybdenum									
Nickel									
Potassium									
Selenium									
Silver									
Sodium									
Thallium									
Tin									
Vanadium									
Zinc									

Associated samples MP9204: F38426-3, F38426-4

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

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: F38426
Account: STOLCOGJ - S M Stoller
Project: Star Center-B100

QC Batch ID: MP9204
Matrix Type: AQUEOUS

Methods: SW846 6010B
Units: ug/l

Prep Date: 02/10/06

Metal	F38475-1 Original	MSD	Spikelot MPFLICP	% Rec	MSD RPD	QC Limit
Aluminum						
Antimony						
Arsenic						
Barium						
Beryllium						
Cadmium						
Calcium						
Chromium						
Cobalt						
Copper						
Iron	1060	30100	27000	107.6	2.0	20
Lead						
Magnesium	anr					
Manganese	anr					
Molybdenum						
Nickel						
Potassium						
Selenium						
Silver						
Sodium						
Thallium						
Tin						
Vanadium						
Zinc						

Associated samples MP9204: F38426-3, F38426-4

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

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: F38426
Account: STOLCOGJ - S M Stoller
Project: Star Center-B100

QC Batch ID: MP9204
Matrix Type: AQUEOUS

Methods: SW846 6010B
Units: ug/l

Prep Date: 02/10/06

Metal	BSP Result	Spikelot MPFLICP	% Rec	QC Limits
Aluminum				
Antimony				
Arsenic				
Barium				
Beryllium				
Cadmium				
Calcium				
Chromium				
Cobalt				
Copper				
Iron	28400	27000	105.2	80-120
Lead				
Magnesium	anr			
Manganese	anr			
Molybdenum				
Nickel				
Potassium				
Selenium				
Silver				
Sodium				
Thallium				
Tin				
Vanadium				
Zinc				

Associated samples MP9204: F38426-3, F38426-4

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

SERIAL DILUTION RESULTS SUMMARY

Login Number: F38426
Account: STOLCOGJ - S M Stoller
Project: Star Center-B100

QC Batch ID: MP9204
Matrix Type: AQUEOUS

Methods: SW846 6010B
Units: ug/l

Prep Date: 02/10/06

Metal	F38475-1 Original	SDL 1:5	RPD	QC Limits
Aluminum				
Antimony				
Arsenic				
Barium				
Beryllium				
Cadmium				
Calcium				
Chromium				
Cobalt				
Copper				
Iron	1060	1070	0.5	0-10
Lead				
Magnesium	anr			
Manganese	anr			
Molybdenum				
Nickel				
Potassium				
Selenium				
Silver				
Sodium				
Thallium				
Tin				
Vanadium				
Zinc				

Associated samples MP9204: F38426-3, F38426-4

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

Southeast ACCUTEST Laboratories

IT'S ALL IN THE CHEMISTRY

05/11/06

Technical Report for

S M Stoller

Star Center-B100

7031-877

Accutest Job Number: F38976

Sampling Date: 03/02/06

Report to:

S M Stoller

Cathy.Kelleher@gjo.doe.gov

ATTN: Cathy Kelleher

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

ACCUTEST LABORATORIES 50 YEARS 1956-2006

ACCREDITED IN ACCORDANCE WITH nelac

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

Harry Behzadi, Ph.D.
Laboratory Director

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

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Accutest LabLink@49223 13:31 11-May-2006

Sample Summary

S M Stoller

Job No: F38976

Star Center-B100
Project No: 7031-877

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
F38976-1	03/02/06	10:36	JPC	03/02/06	AQ	Ground Water	PIN12-RW01-N001
F38976-2	03/02/06	10:40	JPC	03/02/06	AQ	Ground Water	PIN12-RW02-N001
F38976-3	03/02/06	10:15	JPC	03/02/06	AQ	Ground Water	PIN12-TRTI-N001
F38976-4	03/02/06	10:20	JPC	03/02/06	AQ	Ground Water	PIN12-TRTE-N001

SAMPLE DELIVERY GROUP CASE NARRATIVE

Client: S M Stoller **Job No:** F38976

Site: Star Center-B100 **Report Date** 3/16/2006

4 Samples were collected on 03/02/2006 and were received at Accutest on 03/02/2006 properly preserved, at 2.6 Deg. C and intact. These Samples received an Accutest job number of F38976.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:** VC1600

Samples F38976-3MS, F38976-3MSD were used as the QC samples indicated.

All method blanks for this batch meet method specific criteria.
MS/MSD recoveries for 2-Chloroethyl vinyl ether are outside control limits. The Blank Spike was within limits.

F38976-4: Sample was treated with an anti-foaming agent.

Volatiles by GCMS By Method SW846 8260B

Matrix: AQ **Batch ID:** VC1605

Samples F38950-2MS, F38950-2MSD were used as the QC samples indicated.

All method blanks for this batch meet method specific criteria.

Extractables by GCMS By Method EPA 625

Matrix: AQ **Batch ID:** OP15977

Samples F38976-4MS, F38976-4MSD were used as the QC samples indicated.

All method blanks for this batch meet method specific criteria.

Blank Spike Recoveries for 1,2,4-Trichlorobenzene, 1,2-Dichlorobenzene, 1,3-Dichlorobenzene, 1,4-Dichlorobenzene, Hexachlorobutadiene, Hexachloroethane are outside control limits. The associated MS/MSD found all these compounds to be within limits.

F38976-4 for Hexachloroethane,,2-Dichlorobenzene, Hexachlorobutadiene, 1,4-Dichlorobenzene, 1,3-Dichlorobenzene, 1,2,4-Trichlorobenzene: Compounds outside control limits in associated Blank Spike. Insufficient sample for re-extraction. Second liter amber bottle used to perform MS/MSD**.**

Metals By Method SW846 6010B

Matrix: AQ **Batch ID:** MP9308

Samples F38960-2DUP, F38960-2MS, F38960-2MSD, F38960-2SDL were used as the QC samples for metals.

All method blanks for this batch meet method specific criteria.

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

Narrative prepared by:

Date: March 20, 2006

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

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	PIN12-RW01-N001		
Lab Sample ID:	F38976-1	**Date Sampled:**	03/02/06
Matrix:	AQ - Ground Water	**Date Received:**	03/02/06
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Star Center-B100		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	C0039467.D	100	03/14/06	KW	n/a	n/a	VC1605
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	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	200	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	2550	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	54.2	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	200	100	ug/l	
74-87-3	Methyl chloride	ND	200	100	ug/l	
75-09-2	Methylene chloride	ND	500	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	40	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	4140	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:	F38976-1	**Date Sampled:**	03/02/06
Matrix:	AQ - Ground Water	**Date Received:**	03/02/06
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	200	50	ug/l	
75-01-4	Vinyl chloride	716	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	99%		86-115%
17060-07-0	1,2-Dichloroethane-D4	93%		73-126%
2037-26-5	Toluene-D8	104%		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-RW02-N001		
Lab Sample ID:	F38976-2	**Date Sampled:**	03/02/06
Matrix:	AQ - Ground Water	**Date Received:**	03/02/06
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Star Center-B100		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	C0039468.D	10	03/14/06	KW	n/a	n/a	VC1605
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	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	20	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	15.0	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	551	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	37.4	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	20	10	ug/l	
74-87-3	Methyl chloride	ND	20	10	ug/l	
75-09-2	Methylene chloride	ND	50	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	4.0	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	271	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:	F38976-2	**Date Sampled:**	03/02/06
Matrix:	AQ - Ground Water	**Date Received:**	03/02/06
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	20	5.0	ug/l	
75-01-4	Vinyl chloride	79.0	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	97%		86-115%
17060-07-0	1,2-Dichloroethane-D4	92%		73-126%
2037-26-5	Toluene-D8	103%		86-112%
460-00-4	4-Bromofluorobenzene	102%		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:	F38976-3	**Date Sampled:**	03/02/06
Matrix:	AQ - Ground Water	**Date Received:**	03/02/06
Method:	EPA 624	**Percent Solids:**	n/a
Project:	Star Center-B100		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	C0039355.D	20	03/09/06	JG	n/a	n/a	VC1600
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	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	40	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	17.6	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	1490	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	36.4	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	40	20	ug/l	
74-87-3	Methyl chloride	ND	40	20	ug/l	
75-09-2	Methylene chloride	ND	100	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	8.0	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	1230	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:	F38976-3	**Date Sampled:**	03/02/06
Matrix:	AQ - Ground Water	**Date Received:**	03/02/06
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	40	10	ug/l	
75-01-4	Vinyl chloride	191	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	109%		86-115%
17060-07-0	1,2-Dichloroethane-D4	104%		73-126%
2037-26-5	Toluene-D8	100%		86-112%
460-00-4	4-Bromofluorobenzene	106%		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:	F38976-3	**Date Sampled:**	03/02/06
Matrix:	AQ - Ground Water	**Date Received:**	03/02/06
		Percent Solids:	n/a
Project:	Star Center-B100		

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Iron	4990	300	7.5	ug/l	1	03/06/06	03/06/06	RS	SW846 6010B [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA4838
(2) Prep QC Batch: MP9308

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		
Lab Sample ID:	F38976-3	**Date Sampled:**	03/02/06
Matrix:	AQ - Ground Water	**Date Received:**	03/02/06
		Percent Solids:	n/a
Project:	Star Center-B100		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Hardness, Total as CaCO3	369	4.0	mg/l	1	03/16/06	DM	SW846 6010B/SM 2340B

RL = Reporting Limit

Report of Analysis

Client Sample ID:	PIN12-TRTE-N001		
Lab Sample ID:	F38976-4	**Date Sampled:**	03/02/06
Matrix:	AQ - Ground Water	**Date Received:**	03/02/06
Method:	EPA 624	**Percent Solids:**	n/a
Project:	Star Center-B100		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	C0039359.D	1	03/09/06	JG	n/a	n/a	VC1600
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.50	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.50	ug/l	
75-25-2	Bromoform	ND	1.0	0.50	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.50	ug/l	
75-00-3	Chloroethane	ND	2.0	1.0	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
110-75-8	2-Chloroethyl vinyl ether	ND	5.0	2.5	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.50	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.50	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.50	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.50	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.50	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.40	ug/l	
75-71-8	Dichlorodifluoromethane	ND	1.0	0.50	ug/l	
156-59-2	cis-1,2-Dichloroethylene	1.4	1.0	0.50	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.30	ug/l	
541-73-1	m-Dichlorobenzene	ND	1.0	0.50	ug/l	
95-50-1	o-Dichlorobenzene	ND	1.0	0.50	ug/l	
106-46-7	p-Dichlorobenzene	ND	1.0	0.50	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.50	ug/l	
74-83-9	Methyl bromide	ND	2.0	1.0	ug/l	
74-87-3	Methyl chloride	ND	2.0	1.0	ug/l	
75-09-2	Methylene chloride	ND	5.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.50	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.40	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:	F38976-4	**Date Sampled:**	03/02/06
Matrix:	AQ - Ground Water	**Date Received:**	03/02/06
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	2.0	0.50	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	107%		86-115%
17060-07-0	1,2-Dichloroethane-D4	103%		73-126%
2037-26-5	Toluene-D8	99%		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:	F38976-4	**Date Sampled:**	03/02/06
Matrix:	AQ - Ground Water	**Date Received:**	03/02/06
Method:	EPA 625 EPA 625	**Percent Solids:**	n/a
Project:	Star Center-B100		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L030405.D	1	03/11/06	NJ	03/09/06	OP15977	SL1579
Run #2							

	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	9.7	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	ND	4.9	1.9	ug/l	
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	ND	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	3.9	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		
Lab Sample ID:	F38976-4	**Date Sampled:**	03/02/06
Matrix:	AQ - Ground Water	**Date Received:**	03/02/06
Method:	EPA 625 EPA 625	**Percent Solids:**	n/a
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 [a]	ND	4.9	0.97	ug/l	
541-73-1	1,3-Dichlorobenzene [a]	ND	4.9	0.97	ug/l	
106-46-7	1,4-Dichlorobenzene [a]	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 [a]	ND	4.9	1.9	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	4.9	1.9	ug/l	
67-72-1	Hexachloroethane [a]	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	9.7	3.9	ug/l	
99-09-2	3-Nitroaniline	ND	9.7	3.9	ug/l	
100-01-6	4-Nitroaniline	ND	9.7	3.9	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 [a]	ND	4.9	0.97	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	44%		19-90%
4165-62-2	Phenol-d5	27%		10-68%
118-79-6	2,4,6-Tribromophenol	78%		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:	F38976-4	**Date Sampled:**	03/02/06
Matrix:	AQ - Ground Water	**Date Received:**	03/02/06
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	71%		49-119%
321-60-8	2-Fluorobiphenyl	70%		45-118%
1718-51-0	Terphenyl-d14	71%		46-135%

(a) Compound outside control limits in associated QC. Insufficient sample for re-extraction.

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:	F38976-4	**Date Sampled:**	03/02/06
Matrix:	AQ - Ground Water	**Date Received:**	03/02/06
		Percent Solids:	n/a
Project:	Star Center-B100		

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Iron	4880	300	7.5	ug/l	1	03/06/06	03/06/06	RS	SW846 6010B [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA4838
(2) Prep QC Batch: MP9308

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		
Lab Sample ID:	F38976-4	**Date Sampled:**	03/02/06
Matrix:	AQ - Ground Water	**Date Received:**	03/02/06
		Percent Solids:	n/a
Project:	Star Center-B100		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Hardness, Total as CaCO3	371	4.0	mg/l	1	03/16/06	DM	SW846 6010B/SM 2340B

RL = Reporting Limit

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

ACCUTEST Laboratories

F38976

CHAIN OF CUSTODY

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

ACCUTEST JOB #:

ACCUTEST QUOTE #:

CLIENT INFORMATION

NAME: S.M. Stoller
ADDRESS: 7887 Bryan Dairy Rd, Suite 260
CITY: Largo STATE: FL ZIP: 33777
SEND REPORT TO:
PHONE #:

FACILITY INFORMATION

PROJECT NAME: STAR Center - Monthly sampling
LOCATION: B100
PROJECT NO.: 7031-877
FAX #:

MATRIX CODES

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 DATE	TIME	SAMPLED BY:	MATRIX	# OF BOTTLES	PRESERVATION HCl	NaOH	HNO3	H2SO4	NONE	VOCs - 8260	VOCs - 624	SVOCs - 625	Fe + Hardness	LAB USE ONLY
1	PIN12-RW01-N001	3-2-06	1036	JPC	GW	3	3					3				
2	PIN12-RW02-N001	↓	1040	↓	↓	3	3					3				
3	PIN12-TRTI-N001	↓	1015	↓	↓	4	3	1					3		1	
4	PIN12-TRTE-N001	↓	1020	↓	↓	6	3	1		2			3	2	1	

DATA TURNAROUND INFORMATION

- ☑ STANDARD
- ☐ 48 HOUR RUSH
- ☐ 24 HOUR EMERGENCY
- ☐ OTHER

APPROVED BY:

EMERGENCY OR RUSH IS FAX DATA UNLESS PREVIOUSLY APPROVED

DATA DELIVERABLE INFORMATION

- ☑ STANDARD
- ☐ COMMERCIAL "B"
- ☐ DISK DELIVERABLE
- ☐ STATE FORMS
- ☐ OTHER (SPECIFY)

COMMENTS/REMARKS

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESION, INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER:	DATE TIME:	RECEIVED BY:	RELINQUISHED BY:	DATE TIME:	RECEIVED BY:
1. J.P. Cu 3-2-06	1350	2. 3-3-06 1350	3.	3-3-06	2. 3/3/06 0600
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 ☐	ON ICE ☐ TEMPERATURE ____ C

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F38976: Chain of Customy

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ACCUTEST Laboratories F38976

ACCUTEST LABORATORIES SAMPLE RECEIPT CONFIRMATION

ACCUTEST'S JOB NUMBER: F38976 CLIENT: S.M. Stoller PROJECT: Star Center - Monthly Sampling

DATE/TIME RECEIVED: 3/2/06 0600 # OF COOLERS RECEIVED: 1 COOLER TEMPS: 2-6

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

AIRBILL NUMBERS:

COOLER INFORMATION

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

TRIP BLANK INFORMATION

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

SOIL INFORMATION

NUMBER OF ENCORES ? Ø

NUMBER OF 5035 FIELD KITS ? Ø

SAMPLE INFORMATION

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

SUMMARY OF COMMENTS:

TECHNICIAN SIGNATURE/DATE WS 3/3/06 TECHNICIAN SIGNATURE/DATE

ASBD06/22/05

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F38976: Chain of Custody

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GC/MS Volatiles

QC Data Summaries

Includes the following where applicable:

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

Method Blank Summary

Job Number: F38976
Account: STOLCOGJ S M Stoller
Project: Star Center-B100

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VC1600-MB	C0039351.D	1	03/08/06	JG	n/a	n/a	VC1600

The QC reported here applies to the following samples: **Method:** EPA 624

F38976-3, F38976-4

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

Method Blank Summary

Job Number: F38976
Account: STOLCOGJ S M Stoller
Project: Star Center-B100

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VC1600-MB	C0039351.D	1	03/08/06	JG	n/a	n/a	VC1600

The QC reported here applies to the following samples: **Method:** EPA 624

F38976-3, F38976-4

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	110%	86-115%
17060-07-0	1,2-Dichloroethane-D4	102%	73-126%
2037-26-5	Toluene-D8	94%	86-112%
460-00-4	4-Bromofluorobenzene	104%	83-119%

Method Blank Summary

Job Number: F38976
Account: STOLCOGJ S M Stoller
Project: Star Center-B100

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VC1605-MB	C0039457.D	1	03/14/06	KW	n/a	n/a	VC1605

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

F38976-1, F38976-2

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

Method Blank Summary

Job Number: F38976
Account: STOLCOGJ S M Stoller
Project: Star Center-B100

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VC1605-MB	C0039457.D	1	03/14/06	KW	n/a	n/a	VC1605

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

F38976-1, F38976-2

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	99%	86-115%
17060-07-0	1,2-Dichloroethane-D4	93%	73-126%
2037-26-5	Toluene-D8	105%	86-112%
460-00-4	4-Bromofluorobenzene	106%	83-119%

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

Blank Spike Summary

Job Number: F38976
Account: STOLCOGJ S M Stoller
Project: Star Center-B100

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VC1600-BS	C0039350.D	1	03/08/06	JG	n/a	n/a	VC1600

The QC reported here applies to the following samples: **Method:** EPA 624

F38976-3, F38976-4

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
71-43-2	Benzene	25	24.8	99	80-120
75-27-4	Bromodichloromethane	25	26.6	106	75-120
75-25-2	Bromoform	25	24.9	100	60-129
108-90-7	Chlorobenzene	25	25.5	102	82-112
75-00-3	Chloroethane	25	27.5	110	67-148
67-66-3	Chloroform	25	26.0	104	78-118
110-75-8	2-Chloroethyl vinyl ether	125	121	97	23-132
56-23-5	Carbon tetrachloride	25	28.4	114	69-137
75-34-3	1,1-Dichloroethane	25	24.8	99	75-117
75-35-4	1,1-Dichloroethylene	25	23.7	95	67-134
107-06-2	1,2-Dichloroethane	25	25.6	102	68-121
78-87-5	1,2-Dichloropropane	25	24.5	98	78-122
124-48-1	Dibromochloromethane	25	26.0	104	68-118
75-71-8	Dichlorodifluoromethane	25	36.2	145	43-173
156-59-2	cis-1,2-Dichloroethylene	25	24.4	98	81-120
10061-01-5	cis-1,3-Dichloropropene	25	25.3	101	73-115
541-73-1	m-Dichlorobenzene	25	24.3	97	78-116
95-50-1	o-Dichlorobenzene	25	24.5	98	77-115
106-46-7	p-Dichlorobenzene	25	24.3	97	77-113
156-60-5	trans-1,2-Dichloroethylene	25	24.5	98	74-125
10061-02-6	trans-1,3-Dichloropropene	25	25.4	102	69-115
100-41-4	Ethylbenzene	25	25.5	102	82-115
74-83-9	Methyl bromide	25	27.2	109	60-165
74-87-3	Methyl chloride	25	27.5	110	58-152
75-09-2	Methylene chloride	25	24.9	100	66-125
1634-04-4	Methyl Tert Butyl Ether	25	23.9	96	67-127
71-55-6	1,1,1-Trichloroethane	25	27.7	111	78-132
79-34-5	1,1,2,2-Tetrachloroethane	25	20.6	82	67-119
79-00-5	1,1,2-Trichloroethane	25	23.0	92	74-115
127-18-4	Tetrachloroethylene	25	26.7	107	75-126
108-88-3	Toluene	25	23.9	96	81-114
79-01-6	Trichloroethylene	25	27.1	108	80-115
75-69-4	Trichlorofluoromethane	25	30.0	120	65-163
75-01-4	Vinyl chloride	25	26.4	106	70-151
	m,p-Xylene	50	51.5	103	83-118
95-47-6	o-Xylene	25	26.4	106	77-119

Blank Spike Summary

Job Number: F38976
Account: STOLCOGJ S M Stoller
Project: Star Center-B100

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VC1600-BS	C0039350.D	1	03/08/06	JG	n/a	n/a	VC1600

The QC reported here applies to the following samples: **Method:** EPA 624

F38976-3, F38976-4

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	110%	86-115%
17060-07-0	1,2-Dichloroethane-D4	103%	73-126%
2037-26-5	Toluene-D8	94%	86-112%
460-00-4	4-Bromofluorobenzene	92%	83-119%

Blank Spike Summary

Job Number: F38976
Account: STOLCOGJ S M Stoller
Project: Star Center-B100

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VC1605-BS	C0039456.D	1	03/14/06	KW	n/a	n/a	VC1605

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

F38976-1, F38976-2

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
71-43-2	Benzene	25	26.0	104	80-120
75-27-4	Bromodichloromethane	25	23.2	93	75-120
75-25-2	Bromoform	25	23.5	94	60-129
108-90-7	Chlorobenzene	25	24.6	98	82-112
75-00-3	Chloroethane	25	24.9	100	67-148
67-66-3	Chloroform	25	26.0	104	78-118
110-75-8	2-Chloroethyl vinyl ether	125	123	98	23-132
56-23-5	Carbon tetrachloride	25	26.0	104	69-137
75-34-3	1,1-Dichloroethane	25	25.6	102	75-117
75-35-4	1,1-Dichloroethylene	25	28.0	112	67-134
107-06-2	1,2-Dichloroethane	25	23.5	94	68-121
78-87-5	1,2-Dichloropropane	25	24.9	100	78-122
124-48-1	Dibromochloromethane	25	23.8	95	68-118
75-71-8	Dichlorodifluoromethane	25	14.3	57	43-173
156-59-2	cis-1,2-Dichloroethylene	25	24.5	98	81-120
10061-01-5	cis-1,3-Dichloropropene	25	25.0	100	73-115
541-73-1	m-Dichlorobenzene	25	25.0	100	78-116
95-50-1	o-Dichlorobenzene	25	24.6	98	77-115
106-46-7	p-Dichlorobenzene	25	24.7	99	77-113
156-60-5	trans-1,2-Dichloroethylene	25	26.3	105	74-125
10061-02-6	trans-1,3-Dichloropropene	25	26.0	104	69-115
100-41-4	Ethylbenzene	25	25.1	100	82-115
74-83-9	Methyl bromide	25	24.2	97	60-165
74-87-3	Methyl chloride	25	19.2	77	58-152
75-09-2	Methylene chloride	25	25.5	102	66-125
1634-04-4	Methyl Tert Butyl Ether	25	22.9	92	67-127
71-55-6	1,1,1-Trichloroethane	25	25.6	102	78-132
79-34-5	1,1,2,2-Tetrachloroethane	25	24.7	99	67-119
79-00-5	1,1,2-Trichloroethane	25	23.8	95	74-115
127-18-4	Tetrachloroethylene	25	26.9	108	75-126
108-88-3	Toluene	25	25.6	102	81-114
79-01-6	Trichloroethylene	25	25.6	102	80-115
75-69-4	Trichlorofluoromethane	25	25.0	100	65-163
75-01-4	Vinyl chloride	25	23.9	96	70-151
	m,p-Xylene	50	50.1	100	83-118
95-47-6	o-Xylene	25	25.5	102	77-119

Blank Spike Summary

Job Number: F38976
Account: STOLCOGJ S M Stoller
Project: Star Center-B100

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VC1605-BS	C0039456.D	1	03/14/06	KW	n/a	n/a	VC1605

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

F38976-1, F38976-2

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

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F38976
Account: STOLCOGJ S M Stoller
Project: Star Center-B100

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
F38976-3MS	C0039356.D	20	03/09/06	JG	n/a	n/a	VC1600
F38976-3MSD	C0039357.D	20	03/09/06	JG	n/a	n/a	VC1600
F38976-3	C0039355.D	20	03/09/06	JG	n/a	n/a	VC1600

The QC reported here applies to the following samples: **Method:** EPA 624

F38976-3, F38976-4

CAS No.	Compound	F38976-3 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	ND		500	547	109	538	108	2	72-125/7
75-27-4	Bromodichloromethane	ND		500	545	109	531	106	3	72-120/8
75-25-2	Bromoform	ND		500	512	102	520	104	2	55-127/11
108-90-7	Chlorobenzene	ND		500	531	106	521	104	2	79-113/7
75-00-3	Chloroethane	ND		500	514	103	520	104	1	56-164/14
67-66-3	Chloroform	ND		500	538	108	549	110	2	75-120/8
110-75-8	2-Chloroethyl vinyl ether	ND		2500	ND	0*	ND	0*	nc	8-137/18
56-23-5	Carbon tetrachloride	ND		500	568	114	567	113	0	56-145/12
75-34-3	1,1-Dichloroethane	ND		500	539	108	532	106	1	70-122/10
75-35-4	1,1-Dichloroethylene	17.6	J	500	561	109	566	110	1	61-137/15
107-06-2	1,2-Dichloroethane	ND		500	547	109	538	108	2	64-124/7
78-87-5	1,2-Dichloropropane	ND		500	531	106	533	107	0	74-123/8
124-48-1	Dibromochloromethane	ND		500	553	111	533	107	4	63-119/9
75-71-8	Dichlorodifluoromethane	ND		500	535	107	616	123	14	35-184/21
156-59-2	cis-1,2-Dichloroethylene	1490		500	2000	102	1980	98	1	74-125/9
10061-01-5	cis-1,3-Dichloropropene	ND		500	467	93	449	90	4	65-112/10
541-73-1	m-Dichlorobenzene	ND		500	486	97	495	99	2	74-114/7
95-50-1	o-Dichlorobenzene	ND		500	497	99	489	98	2	73-114/8
106-46-7	p-Dichlorobenzene	ND		500	471	94	485	97	3	74-112/7
156-60-5	trans-1,2-Dichloroethylene	36.4		500	587	110	573	107	2	70-127/11
10061-02-6	trans-1,3-Dichloropropene	ND		500	474	95	465	93	2	59-116/11
100-41-4	Ethylbenzene	ND		500	541	108	524	105	3	73-119/8
74-83-9	Methyl bromide	ND		500	479	96	494	99	3	52-172/16
74-87-3	Methyl chloride	ND		500	489	98	575	115	16	53-155/19
75-09-2	Methylene chloride	ND		500	558	112	535	107	4	61-129/11
1634-04-4	Methyl Tert Butyl Ether	ND		500	531	106	531	106	0	61-129/9
71-55-6	1,1,1-Trichloroethane	ND		500	554	111	563	113	2	72-133/8
79-34-5	1,1,2,2-Tetrachloroethane	ND		500	506	101	500	100	1	64-120/10
79-00-5	1,1,2-Trichloroethane	ND		500	519	104	499	100	4	72-116/9
127-18-4	Tetrachloroethylene	ND		500	503	101	491	98	2	70-126/9
108-88-3	Toluene	ND		500	508	102	502	100	1	67-123/8
79-01-6	Trichloroethylene	1230		500	1780	110	1750	104	2	73-117/10
75-69-4	Trichlorofluoromethane	ND		500	562	112	560	112	0	52-164/16
75-01-4	Vinyl chloride	191		500	727	107	788	119	8	63-161/18
	m,p-Xylene	ND		1000	1070	107	1050	105	2	74-123/7
95-47-6	o-Xylene	ND		500	557	111	549	110	1	68-123/7

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F38976
Account: STOLCOGJ S M Stoller
Project: Star Center-B100

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
F38976-3MS	C0039356.D	20	03/09/06	JG	n/a	n/a	VC1600
F38976-3MSD	C0039357.D	20	03/09/06	JG	n/a	n/a	VC1600
F38976-3	C0039355.D	20	03/09/06	JG	n/a	n/a	VC1600

The QC reported here applies to the following samples: **Method:** EPA 624

F38976-3, F38976-4

CAS No.	Surrogate Recoveries	MS	MSD	F38976-3	Limits
1868-53-7	Dibromofluoromethane	107%	106%	109%	86-115%
17060-07-0	1,2-Dichloroethane-D4	109%	110%	104%	73-126%
2037-26-5	Toluene-D8	99%	96%	100%	86-112%
460-00-4	4-Bromofluorobenzene	95%	94%	106%	83-119%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F38976
Account: STOLCOGJ S M Stoller
Project: Star Center-B100

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
F38950-2MS	C0039465.D	1	03/14/06	KW	n/a	n/a	VC1605
F38950-2MSD	C0039466.D	1	03/14/06	KW	n/a	n/a	VC1605
F38950-2	C0039458.D	1	03/14/06	KW	n/a	n/a	VC1605

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

F38976-1, F38976-2

CAS No.	Compound	F38950-2 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	1.0	U	25	26.3	105	25.6	102	3	72-125/7
75-27-4	Bromodichloromethane	1.0	U	25	22.5	90	22.3	89	1	72-120/8
75-25-2	Bromoform	1.0	U	25	22.6	90	22.4	90	1	55-127/11
108-90-7	Chlorobenzene	1.0	U	25	24.5	98	23.9	96	2	79-113/7
75-00-3	Chloroethane	2.0	U	25	22.9	92	22.6	90	1	56-164/14
67-66-3	Chloroform	1.0	U	25	25.6	102	25.3	101	1	75-120/8
110-75-8	2-Chloroethyl vinyl ether	5.0	U	125	ND	0*	ND	0*	nc	8-137/18
56-23-5	Carbon tetrachloride	1.0	U	25	24.8	99	24.7	99	0	56-145/12
75-34-3	1,1-Dichloroethane	1.0	U	25	25.5	102	24.7	99	3	70-122/10
75-35-4	1,1-Dichloroethylene	1.0	U	25	27.0	108	26.2	105	3	61-137/15
107-06-2	1,2-Dichloroethane	1.0	U	25	23.0	92	23.2	93	1	64-124/7
78-87-5	1,2-Dichloropropane	1.0	U	25	24.2	97	23.9	96	1	74-123/8
124-48-1	Dibromochloromethane	1.0	U	25	22.7	91	22.9	92	1	63-119/9
75-71-8	Dichlorodifluoromethane	1.0	U	25	12.8	51	12.6	50	2	35-184/21
156-59-2	cis-1,2-Dichloroethylene	1.0	U	25	24.3	97	24.2	97	0	74-125/9
10061-01-5	cis-1,3-Dichloropropene	1.0	U	25	23.7	95	23.5	94	1	65-112/10
541-73-1	m-Dichlorobenzene	1.0	U	25	24.7	99	24.2	97	2	74-114/7
95-50-1	o-Dichlorobenzene	1.0	U	25	24.6	98	23.8	95	3	73-114/8
106-46-7	p-Dichlorobenzene	1.0	U	25	24.1	96	23.6	94	2	74-112/7
156-60-5	trans-1,2-Dichloroethylene	1.0	U	25	25.9	104	25.2	101	3	70-127/11
10061-02-6	trans-1,3-Dichloropropene	1.0	U	25	25.4	102	25.0	100	2	59-116/11
100-41-4	Ethylbenzene	1.0	U	25	25.1	100	24.1	96	4	73-119/8
74-83-9	Methyl bromide	2.0	U	25	22.0	88	20.5	82	7	52-172/16
74-87-3	Methyl chloride	2.0	U	25	18.4	74	17.6	70	4	53-155/19
75-09-2	Methylene chloride	5.0	U	25	24.8	99	24.0	96	3	61-129/11
1634-04-4	Methyl Tert Butyl Ether	1.0	U	25	22.3	89	22.1	88	1	61-129/9
71-55-6	1,1,1-Trichloroethane	1.0	U	25	24.2	97	23.9	96	1	72-133/8
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	25	25.0	100	24.2	97	3	64-120/10
79-00-5	1,1,2-Trichloroethane	1.0	U	25	23.8	95	23.5	94	1	72-116/9
127-18-4	Tetrachloroethylene	1.0	U	25	26.3	105	25.6	102	3	70-126/9
108-88-3	Toluene	1.0	U	25	25.4	102	24.3	97	4	67-123/8
79-01-6	Trichloroethylene	1.0	U	25	25.0	100	24.6	98	2	73-117/10
75-69-4	Trichlorofluoromethane	2.0	U	25	23.2	93	22.6	90	3	52-164/16
75-01-4	Vinyl chloride	1.0	U	25	22.4	90	21.3	85	5	63-161/18
	m,p-Xylene	2.0	U	50	50.1	100	48.2	96	4	74-123/7
95-47-6	o-Xylene	1.0	U	25	25.0	100	24.2	97	3	68-123/7

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F38976
Account: STOLCOGJ S M Stoller
Project: Star Center-B100

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
F38950-2MS	C0039465.D	1	03/14/06	KW	n/a	n/a	VC1605
F38950-2MSD	C0039466.D	1	03/14/06	KW	n/a	n/a	VC1605
F38950-2	C0039458.D	1	03/14/06	KW	n/a	n/a	VC1605

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

F38976-1, F38976-2

CAS No.	Surrogate Recoveries	MS	MSD	F38950-2	Limits
1868-53-7	Dibromofluoromethane	101%	101%	99%	86-115%
17060-07-0	1,2-Dichloroethane-D4	98%	98%	91%	73-126%
2037-26-5	Toluene-D8	99%	99%	103%	86-112%
460-00-4	4-Bromofluorobenzene	97%	95%	103%	83-119%

GC/MS Semi-volatiles

QC Data Summaries

Includes the following where applicable:

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

Method Blank Summary

Job Number: F38976
Account: STOLCOGJ S M Stoller
Project: Star Center-B100

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP15977-MB	L030404.D	1	03/11/06	NJ	03/09/06	OP15977	SL1579

The QC reported here applies to the following samples: **Method:** EPA 625

F38976-4

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic Acid	ND	25	10	ug/l	
95-57-8	2-Chlorophenol	ND	5.0	2.0	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	5.0	2.0	ug/l	
120-83-2	2,4-Dichlorophenol	ND	5.0	2.0	ug/l	
105-67-9	2,4-Dimethylphenol	ND	5.0	2.0	ug/l	
51-28-5	2,4-Dinitrophenol	ND	25	10	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	10	5.0	ug/l	
95-48-7	2-Methylphenol	ND	5.0	2.0	ug/l	
	3&4-Methylphenol	ND	5.0	2.0	ug/l	
88-75-5	2-Nitrophenol	ND	5.0	2.0	ug/l	
100-02-7	4-Nitrophenol	ND	25	10	ug/l	
87-86-5	Pentachlorophenol	ND	25	10	ug/l	
108-95-2	Phenol	ND	5.0	2.0	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	5.0	2.0	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	5.0	2.0	ug/l	
83-32-9	Acenaphthene	ND	5.0	1.0	ug/l	
208-96-8	Acenaphthylene	ND	5.0	1.0	ug/l	
120-12-7	Anthracene	ND	5.0	1.0	ug/l	
56-55-3	Benzo(a)anthracene	ND	5.0	1.0	ug/l	
50-32-8	Benzo(a)pyrene	ND	5.0	1.0	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	5.0	1.0	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	5.0	2.0	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	5.0	1.0	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	5.0	1.0	ug/l	
85-68-7	Butyl benzyl phthalate	ND	5.0	2.0	ug/l	
100-51-6	Benzyl Alcohol	ND	5.0	1.0	ug/l	
91-58-7	2-Chloronaphthalene	ND	5.0	1.0	ug/l	
106-47-8	4-Chloroaniline	ND	10	4.0	ug/l	
86-74-8	Carbazole	ND	5.0	1.0	ug/l	
218-01-9	Chrysene	ND	5.0	1.0	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	5.0	1.0	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	5.0	2.0	ug/l	
108-60-1	bis(2-Chloroisopropyl)ether	ND	5.0	1.0	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	5.0	1.0	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	5.0	1.0	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	5.0	1.0	ug/l	

Method Blank Summary

Job Number: F38976
Account: STOLCOGJ S M Stoller
Project: Star Center-B100

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP15977-MB	L030404.D	1	03/11/06	NJ	03/09/06	OP15977	SL1579

The QC reported here applies to the following samples: **Method:** EPA 625

F38976-4

CAS No.	Compound	Result	RL	MDL	Units	Q
106-46-7	1,4-Dichlorobenzene	ND	5.0	1.0	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	5.0	2.0	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	5.0	2.0	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	10	5.0	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	5.0	2.0	ug/l	
132-64-9	Dibenzofuran	ND	5.0	1.0	ug/l	
84-74-2	Di-n-butyl phthalate	ND	5.0	2.0	ug/l	
117-84-0	Di-n-octyl phthalate	ND	5.0	2.5	ug/l	
84-66-2	Diethyl phthalate	ND	5.0	2.0	ug/l	
131-11-3	Dimethyl phthalate	ND	5.0	2.0	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	5.0	2.5	ug/l	
206-44-0	Fluoranthene	ND	5.0	1.0	ug/l	
86-73-7	Fluorene	ND	5.0	1.0	ug/l	
118-74-1	Hexachlorobenzene	ND	5.0	1.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	2.0	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	5.0	2.0	ug/l	
67-72-1	Hexachloroethane	ND	5.0	2.0	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	5.0	2.0	ug/l	
78-59-1	Isophorone	ND	5.0	1.0	ug/l	
91-57-6	2-Methylnaphthalene	ND	5.0	1.0	ug/l	
88-74-4	2-Nitroaniline	ND	10	4.0	ug/l	
99-09-2	3-Nitroaniline	ND	10	4.0	ug/l	
100-01-6	4-Nitroaniline	ND	10	4.0	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
98-95-3	Nitrobenzene	ND	5.0	1.0	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	5.0	2.0	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	5.0	2.0	ug/l	
85-01-8	Phenanthrene	ND	5.0	1.0	ug/l	
129-00-0	Pyrene	ND	5.0	1.0	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	1.0	ug/l	

CAS No.	Surrogate Recoveries		Limits
367-12-4	2-Fluorophenol	47%	19-90%
4165-62-2	Phenol-d5	29%	10-68%

Method Blank Summary

Job Number: F38976
Account: STOLCOGJ S M Stoller
Project: Star Center-B100

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP15977-MB	L030404.D	1	03/11/06	NJ	03/09/06	OP15977	SL1579

The QC reported here applies to the following samples: **Method:** EPA 625

F38976-4

CAS No.	Surrogate Recoveries		Limits
118-79-6	2,4,6-Tribromophenol	69%	36-137%
4165-60-0	Nitrobenzene-d5	65%	49-119%
321-60-8	2-Fluorobiphenyl	65%	45-118%
1718-51-0	Terphenyl-d14	72%	46-135%

Blank Spike Summary

Job Number: F38976
Account: STOLCOGJ S M Stoller
Project: Star Center-B100

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP15977-BS	L030403.D	1	03/11/06	NJ	03/09/06	OP15977	SL1579

The QC reported here applies to the following samples: **Method:** EPA 625

F38976-4

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
65-85-0	Benzoic Acid	100	28.7	29	8-45
95-57-8	2-Chlorophenol	50	40.7	81	62-103
59-50-7	4-Chloro-3-methyl phenol	50	43.0	86	64-103
120-83-2	2,4-Dichlorophenol	50	41.6	83	59-103
105-67-9	2,4-Dimethylphenol	50	36.9	74	43-94
51-28-5	2,4-Dinitrophenol	100	82.9	83	12-125
534-52-1	4,6-Dinitro-o-cresol	100	94.3	94	47-119
95-48-7	2-Methylphenol	50	36.9	74	54-91
	3&4-Methylphenol	100	68.3	68	48-86
88-75-5	2-Nitrophenol	50	41.4	83	64-104
100-02-7	4-Nitrophenol	100	41.5	42	22-50
87-86-5	Pentachlorophenol	100	92.1	92	50-111
108-95-2	Phenol	50	21.7	43	25-53
95-95-4	2,4,5-Trichlorophenol	50	41.1	82	66-104
88-06-2	2,4,6-Trichlorophenol	50	42.5	85	60-103
83-32-9	Acenaphthene	50	40.5	81	62-101
208-96-8	Acenaphthylene	50	41.4	83	65-113
120-12-7	Anthracene	50	42.4	85	69-107
56-55-3	Benzo(a)anthracene	50	43.1	86	68-106
50-32-8	Benzo(a)pyrene	50	41.7	83	70-114
205-99-2	Benzo(b)fluoranthene	50	42.7	85	68-110
191-24-2	Benzo(g,h,i)perylene	50	46.8	94	63-115
207-08-9	Benzo(k)fluoranthene	50	43.5	87	68-112
101-55-3	4-Bromophenyl phenyl ether	50	41.4	83	73-103
85-68-7	Butyl benzyl phthalate	50	43.4	87	69-108
100-51-6	Benzyl Alcohol	50	38.4	77	34-104
91-58-7	2-Chloronaphthalene	50	37.8	76	64-102
106-47-8	4-Chloroaniline	50	42.5	85	57-104
86-74-8	Carbazole	50	45.1	90	69-113
218-01-9	Chrysene	50	43.2	86	68-103
111-91-1	bis(2-Chloroethoxy)methane	50	39.1	78	57-103
111-44-4	bis(2-Chloroethyl)ether	50	42.0	84	64-106
108-60-1	bis(2-Chloroisopropyl)ether	50	41.1	82	52-120
7005-72-3	4-Chlorophenyl phenyl ether	50	41.1	82	71-104
95-50-1	1,2-Dichlorobenzene	50	27.8	56*	62-100
541-73-1	1,3-Dichlorobenzene	50	24.6	49*	59-99

Blank Spike Summary

Job Number: F38976
Account: STOLCOGJ S M Stoller
Project: Star Center-B100

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP15977-BS	L030403.D	1	03/11/06	NJ	03/09/06	OP15977	SL1579

The QC reported here applies to the following samples: **Method:** EPA 625

F38976-4

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
106-46-7	1,4-Dichlorobenzene	50	25.9	52*	60-101
121-14-2	2,4-Dinitrotoluene	50	41.9	84	65-111
606-20-2	2,6-Dinitrotoluene	50	41.0	82	77-111
91-94-1	3,3'-Dichlorobenzidine	50	38.9	78	42-110
53-70-3	Dibenzo(a,h)anthracene	50	45.5	91	62-115
132-64-9	Dibenzofuran	50	43.1	86	69-104
84-74-2	Di-n-butyl phthalate	50	44.3	89	68-109
117-84-0	Di-n-octyl phthalate	50	44.1	88	63-120
84-66-2	Diethyl phthalate	50	44.6	89	64-110
131-11-3	Dimethyl phthalate	50	42.6	85	44-120
117-81-7	bis(2-Ethylhexyl)phthalate	50	43.4	87	64-115
206-44-0	Fluoranthene	50	45.7	91	68-111
86-73-7	Fluorene	50	41.2	82	66-105
118-74-1	Hexachlorobenzene	50	41.2	82	69-103
87-68-3	Hexachlorobutadiene	50	26.0	52*	55-90
77-47-4	Hexachlorocyclopentadiene	50	15.5	31	26-95
67-72-1	Hexachloroethane	50	23.3	47*	59-104
193-39-5	Indeno(1,2,3-cd)pyrene	50	46.2	92	63-118
78-59-1	Isophorone	50	43.8	88	64-107
91-57-6	2-Methylnaphthalene	50	41.1	82	66-100
88-74-4	2-Nitroaniline	50	44.0	88	65-111
99-09-2	3-Nitroaniline	50	40.4	81	61-106
100-01-6	4-Nitroaniline	50	44.7	89	60-113
91-20-3	Naphthalene	50	35.8	72	62-101
98-95-3	Nitrobenzene	50	41.3	83	61-106
621-64-7	N-Nitroso-di-n-propylamine	50	42.1	84	64-109
86-30-6	N-Nitrosodiphenylamine	50	42.5	85	69-114
85-01-8	Phenanthrene	50	43.5	87	68-104
129-00-0	Pyrene	50	41.0	82	64-105
120-82-1	1,2,4-Trichlorobenzene	50	29.5	59*	64-101

CAS No.	Surrogate Recoveries	BSP	Limits
367-12-4	2-Fluorophenol	58%	19-90%
4165-62-2	Phenol-d5	37%	10-68%

Blank Spike Summary

Job Number: F38976
Account: STOLCOGJ S M Stoller
Project: Star Center-B100

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP15977-BS	L030403.D	1	03/11/06	NJ	03/09/06	OP15977	SL1579

The QC reported here applies to the following samples: **Method:** EPA 625

F38976-4

CAS No.	Surrogate Recoveries	BSP	Limits
118-79-6	2,4,6-Tribromophenol	82%	36-137%
4165-60-0	Nitrobenzene-d5	80%	49-119%
321-60-8	2-Fluorobiphenyl	83%	45-118%
1718-51-0	Terphenyl-d14	81%	46-135%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F38976
Account: STOLCOGJ S M Stoller
Project: Star Center-B100

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP15977-MS	L030406.D	1	03/11/06	NJ	03/09/06	OP15977	SL1579
OP15977-MSD	L030407.D	1	03/11/06	NJ	03/09/06	OP15977	SL1579
F38976-4	L030405.D	1	03/11/06	NJ	03/09/06	OP15977	SL1579

The QC reported here applies to the following samples: **Method:** EPA 625

F38976-4

CAS No.	Compound	F38976-4 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
65-85-0	Benzoic Acid	ND		196	108	55	104	53	4	16-73/41
95-57-8	2-Chlorophenol	ND		98	77.0	79	77.6	79	1	53-102/24
59-50-7	4-Chloro-3-methyl phenol	ND		98	81.5	83	81.6	83	0	60-101/18
120-83-2	2,4-Dichlorophenol	ND		98	78.4	80	81.5	83	4	55-100/24
105-67-9	2,4-Dimethylphenol	ND		98	74.2	76	74.3	76	0	36-98/26
51-28-5	2,4-Dinitrophenol	ND		196	158	81	156	80	1	14-135/39
534-52-1	4,6-Dinitro-o-cresol	ND		196	174	89	171	87	2	40-127/24
95-48-7	2-Methylphenol	ND		98	72.5	74	73.4	75	1	46-100/23
	3&4-Methylphenol	ND		196	138	70	142	72	3	43-100/23
88-75-5	2-Nitrophenol	ND		98	76.5	78	78.5	80	3	53-104/25
100-02-7	4-Nitrophenol	ND		196	113	58	113	58	0	32-81/28
87-86-5	Pentachlorophenol	ND		196	183	93	175	89	4	44-118/16
108-95-2	Phenol	ND		98	51.6	53	53.8	55	4	31-77/26
95-95-4	2,4,5-Trichlorophenol	ND		98	78.3	80	76.7	78	2	61-102/18
88-06-2	2,4,6-Trichlorophenol	ND		98	79.4	81	78.6	80	1	55-103/21
83-32-9	Acenaphthene	ND		98	77.1	79	77.1	79	0	55-103/20
208-96-8	Acenaphthylene	ND		98	79.3	81	77.2	79	3	55-113/20
120-12-7	Anthracene	ND		98	81.6	83	78.7	80	4	66-105/14
56-55-3	Benzo(a)anthracene	ND		98	81.6	83	79.7	81	2	65-103/16
50-32-8	Benzo(a)pyrene	ND		98	80.0	82	77.5	79	3	65-113/16
205-99-2	Benzo(b)fluoranthene	ND		98	82.6	84	79.1	81	4	62-110/17
191-24-2	Benzo(g,h,i)perylene	ND		98	93.0	95	89.6	91	4	58-111/17
207-08-9	Benzo(k)fluoranthene	ND		98	84.4	86	79.8	81	6	63-110/17
101-55-3	4-Bromophenyl phenyl ether	ND		98	79.8	81	77.2	79	3	68-102/16
85-68-7	Butyl benzyl phthalate	ND		98	82.8	84	80.5	82	3	65-108/17
100-51-6	Benzyl Alcohol	ND		98	75.7	77	77.7	79	3	48-106/24
91-58-7	2-Chloronaphthalene	ND		98	74.2	76	74.8	76	1	58-101/22
106-47-8	4-Chloroaniline	ND		98	75.0	77	72.4	74	4	39-101/21
86-74-8	Carbazole	ND		98	86.9	89	83.1	85	4	66-109/16
218-01-9	Chrysene	ND		98	83.4	85	80.3	82	4	65-100/18
111-91-1	bis(2-Chloroethoxy)methane	ND		98	70.4	72	71.4	73	1	49-100/24
111-44-4	bis(2-Chloroethyl)ether	ND		98	78.0	80	79.2	81	2	54-103/24
108-60-1	bis(2-Chloroisopropyl)ether	ND		98	77.2	79	77.0	79	0	49-109/22
7005-72-3	4-Chlorophenyl phenyl ether	ND		98	76.6	78	76.5	78	0	65-103/18
95-50-1	1,2-Dichlorobenzene	ND		98	66.0	67	61.8	63	7	50-101/22
541-73-1	1,3-Dichlorobenzene	ND		98	60.6	62	56.4	58	7	50-100/23

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F38976
Account: STOLCOGJ S M Stoller
Project: Star Center-B100

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP15977-MS	L030406.D	1	03/11/06	NJ	03/09/06	OP15977	SL1579
OP15977-MSD	L030407.D	1	03/11/06	NJ	03/09/06	OP15977	SL1579
F38976-4	L030405.D	1	03/11/06	NJ	03/09/06	OP15977	SL1579

The QC reported here applies to the following samples: **Method:** EPA 625

F38976-4

CAS No.	Compound	F38976-4 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
106-46-7	1,4-Dichlorobenzene	ND		98	62.3	64	57.7	59	8	51-101/23
121-14-2	2,4-Dinitrotoluene	ND		98	77.7	79	79.0	81	2	60-110/16
606-20-2	2,6-Dinitrotoluene	ND		98	76.4	78	76.7	78	0	60-111/19
91-94-1	3,3'-Dichlorobenzidine	ND		98	45.0	46	43.9	45	2	18-112/22
53-70-3	Dibenzo(a,h)anthracene	ND		98	87.0	89	85.8	88	1	57-111/20
132-64-9	Dibenzofuran	ND		98	81.5	83	79.5	81	2	64-102/17
84-74-2	Di-n-butyl phthalate	ND		98	82.3	84	80.9	83	2	63-107/17
117-84-0	Di-n-octyl phthalate	ND		98	87.0	89	81.7	83	6	58-126/23
84-66-2	Diethyl phthalate	ND		98	83.3	85	83.8	85	1	59-110/18
131-11-3	Dimethyl phthalate	ND		98	77.6	79	79.7	81	3	40-116/25
117-81-7	bis(2-Ethylhexyl)phthalate	ND		98	82.8	84	80.8	82	2	55-120/22
206-44-0	Fluoranthene	ND		98	86.9	89	84.0	86	3	62-108/17
86-73-7	Fluorene	ND		98	75.7	77	77.9	79	3	60-105/17
118-74-1	Hexachlorobenzene	ND		98	80.6	82	78.4	80	3	64-102/16
87-68-3	Hexachlorobutadiene	ND		98	66.0	67	60.7	62	8	45-93/26
77-47-4	Hexachlorocyclopentadiene	ND		98	39.6	40	34.5	35	14	20-92/34
67-72-1	Hexachloroethane	ND		98	60.9	62	55.2	56	10	51-105/26
193-39-5	Indeno(1,2,3-cd)pyrene	ND		98	90.5	92	87.4	89	3	61-111/19
78-59-1	Isophorone	ND		98	78.7	80	81.2	83	3	59-103/23
91-57-6	2-Methylnaphthalene	ND		98	81.1	83	80.3	82	1	56-100/23
88-74-4	2-Nitroaniline	ND		98	81.4	83	81.4	83	0	61-107/18
99-09-2	3-Nitroaniline	ND		98	67.5	69	63.1	64	7	47-107/26
100-01-6	4-Nitroaniline	ND		98	80.8	82	80.8	82	0	48-119/21
91-20-3	Naphthalene	ND		98	73.4	75	70.6	72	4	52-102/23
98-95-3	Nitrobenzene	ND		98	74.9	76	77.4	79	3	51-103/25
621-64-7	N-Nitroso-di-n-propylamine	ND		98	75.6	77	77.7	79	3	57-103/24
86-30-6	N-Nitrosodiphenylamine	ND		98	80.4	82	77.1	79	4	62-112/16
85-01-8	Phenanthrene	ND		98	82.4	84	79.1	81	4	64-103/15
129-00-0	Pyrene	ND		98	79.5	81	76.7	78	4	59-107/21
120-82-1	1,2,4-Trichlorobenzene	ND		98	67.0	68	63.4	65	6	54-102/24

CAS No.	Surrogate Recoveries	MS	MSD	F38976-4	Limits
367-12-4	2-Fluorophenol	67%	67%	44%	19-90%
4165-62-2	Phenol-d5	47%	49%	27%	10-68%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F38976
Account: STOLCOGJ S M Stoller
Project: Star Center-B100

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP15977-MS	L030406.D	1	03/11/06	NJ	03/09/06	OP15977	SL1579
OP15977-MSD	L030407.D	1	03/11/06	NJ	03/09/06	OP15977	SL1579
F38976-4	L030405.D	1	03/11/06	NJ	03/09/06	OP15977	SL1579

The QC reported here applies to the following samples: **Method:** EPA 625

F38976-4

CAS No.	Surrogate Recoveries	MS	MSD	F38976-4	Limits
118-79-6	2,4,6-Tribromophenol	81%	77%	78%	36-137%
4165-60-0	Nitrobenzene-d5	76%	75%	71%	49-119%
321-60-8	2-Fluorobiphenyl	77%	78%	70%	45-118%
1718-51-0	Terphenyl-d14	77%	74%	71%	46-135%

Metals Analysis

QC Data Summaries

Includes the following where applicable:

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

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: F38976
Account: STOLCOGJ - S M Stoller
Project: Star Center-B100

QC Batch ID: MP9308
Matrix Type: AQUEOUS

Methods: SW846 6010B
Units: ug/l

Prep Date: 03/06/06

Metal	RL	IDL	MB raw	final
Aluminum	200	13		
Antimony	10	1.5	anr	
Arsenic	10	2.1	anr	
Barium	200	.5	anr	
Beryllium	4.0	.2	anr	
Cadmium	5.0	.5	anr	
Calcium	1000	16		
Chromium	10	.5	anr	
Cobalt	50	.5		
Copper	25	.4	anr	
Iron	300	16	30.5	<300
Lead	5.0	1.2	anr	
Magnesium	5000	9.9		
Manganese	15	.2		
Molybdenum	50	.8		
Nickel	40	.6	anr	
Potassium	5000	16		
Selenium	10	1.6	anr	
Silver	10	.6	anr	
Sodium	5000	65		
Thallium	10	1.8	anr	
Tin	50	1.4		
Vanadium	50	.6		
Zinc	20	1.1	anr	

Associated samples MP9308: F38976-3, F38976-4

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

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: F38976
Account: STOLCOGJ - S M Stoller
Project: Star Center-B100

QC Batch ID: MP9308
Matrix Type: AQUEOUS

Methods: SW846 6010B
Units: ug/l

Prep Date:			03/06/06					03/06/06	
Metal	F38960-2 Original	DUP	RPD	QC Limits	F38960-2 Original	MS	Spikelot MPFLICP	% Rec	QC Limits
Aluminum									
Antimony	anr								
Arsenic	anr								
Barium	anr								
Beryllium	anr								
Cadmium	anr								
Calcium									
Chromium	anr								
Cobalt									
Copper	anr								
Iron	269	274	1.8	0-20	269	29500	27000	108.3	75-125
Lead	anr								
Magnesium									
Manganese									
Molybdenum									
Nickel	anr								
Potassium									
Selenium	anr								
Silver	anr								
Sodium									
Thallium	anr								
Tin									
Vanadium									
Zinc	anr								

Associated samples MP9308: F38976-3, F38976-4

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

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: F38976
Account: STOLCOGJ - S M Stoller
Project: Star Center-B100

QC Batch ID: MP9308
Matrix Type: AQUEOUS

Methods: SW846 6010B
Units: ug/l

Prep Date: 03/06/06

Metal	F38960-2 Original	MSD	Spikelot MPFLICP	% Rec	MSD RPD	QC Limit
Aluminum						
Antimony	anr					
Arsenic	anr					
Barium	anr					
Beryllium	anr					
Cadmium	anr					
Calcium						
Chromium	anr					
Cobalt						
Copper	anr					
Iron	269	30300	27000	111.2	2.7	20
Lead	anr					
Magnesium						
Manganese						
Molybdenum						
Nickel	anr					
Potassium						
Selenium	anr					
Silver	anr					
Sodium						
Thallium	anr					
Tin						
Vanadium						
Zinc	anr					

Associated samples MP9308: F38976-3, F38976-4

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

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: F38976
Account: STOLCOGJ - S M Stoller
Project: Star Center-B100

QC Batch ID: MP9308
Matrix Type: AQUEOUS

Methods: SW846 6010B
Units: ug/l

Prep Date: 03/06/06

Metal	BSP Result	Spikelot MPFLICP	% Rec	QC Limits
Aluminum				
Antimony	anr			
Arsenic	anr			
Barium	anr			
Beryllium	anr			
Cadmium	anr			
Calcium				
Chromium	anr			
Cobalt				
Copper	anr			
Iron	28900	27000	107.0	80-120
Lead	anr			
Magnesium				
Manganese				
Molybdenum				
Nickel	anr			
Potassium				
Selenium	anr			
Silver	anr			
Sodium				
Thallium	anr			
Tin				
Vanadium				
Zinc	anr			

Associated samples MP9308: F38976-3, F38976-4

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

SERIAL DILUTION RESULTS SUMMARY

Login Number: F38976
Account: STOLCOGJ - S M Stoller
Project: Star Center-B100

QC Batch ID: MP9308
Matrix Type: AQUEOUS

Methods: SW846 6010B
Units: ug/l

Prep Date: 03/06/06

Metal	F38960-2 Original	SDL 1:5	RPD	QC Limits
Aluminum				
Antimony	anr			
Arsenic	anr			
Barium	anr			
Beryllium	anr			
Cadmium	anr			
Calcium				
Chromium	anr			
Cobalt				
Copper	anr			
Iron	269	324	20.2 (a)	0-10
Lead	anr			
Magnesium				
Manganese				
Molybdenum				
Nickel	anr			
Potassium				
Selenium	anr			
Silver	anr			
Sodium				
Thallium	anr			
Tin				
Vanadium				
Zinc	anr			

Associated samples MP9308: F38976-3, F38976-4

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

Southeast ACCUTEST Laboratories

IT'S ALL IN THE CHEMISTRY

05/11/06

Technical Report for

S M Stoller

Star Center-B100 Monthly/Effluent; Largo, FL

7031-877

Accutest Job Number: F38977

Sampling Date: 03/02/06

Report to:

S M Stoller

Cathy.Kelleher@gjo.doe.gov

ATTN: Cathy Kelleher

Total number of pages in report: **13**

ACCUTEST LABORATORIES 50 YEARS 1956-2006

ACCREDITED IN ACCORDANCE WITH nelac

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

Harry Behzadi, Ph.D.
Laboratory Director

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

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Sample Summary

S M Stoller

Job No: F38977

Star Center-B100 Monthly/Effluent; Largo, FL
Project No: 7031-877

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
F38977-1	03/02/06	10:22	JPC	03/02/06	AQ	Ground Water	PIN12-TRTE-N002*B100

SAMPLE DELIVERY GROUP CASE NARRATIVE

Client: S M Stoller **Job No:** F38977

Site: Star Center-B100 Monthly/Effluent; Largo, FL **Report Date** 3/10/2006

1 Sample was collected on 03/02/2006 and were received at Accutest on 03/02/2006 properly preserved, at 2.6 Deg. C and intact. These Samples received an Accutest job number of F38977.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:** VC1600

All method blanks for this batch meet method specific criteria.

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

Narrative prepared by:

Date: March 10, 2006

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

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	PIN12-TRTE-N002*B100		
Lab Sample ID:	F38977-1	**Date Sampled:**	03/02/06
Matrix:	AQ - Ground Water	**Date Received:**	03/02/06
Method:	EPA 624	**Percent Solids:**	n/a
Project:	Star Center-B100 Monthly/Effluent; Largo, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	C0039360.D	1	03/09/06	JG	n/a	n/a	VC1600
Run #2							

	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	106%		86-115%
17060-07-0	1,2-Dichloroethane-D4	104%		73-126%
2037-26-5	Toluene-D8	97%		86-112%
460-00-4	4-Bromofluorobenzene	108%		83-119%

(a) Sample collected on 03/02/06 at 10:22

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

ACCUTEST Laboratories

F38977

CHAIN OF CUSTODY

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

ACCUTEST JOB #:

ACCUTEST QUOTE #:

CLIENT INFORMATION

NAME: S.M. Stoller
ADDRESS: 7887 Bryan Dairy Rd, Suite 260
CITY: Largo STATE: FL ZIP: 33777
SEND REPORT TO:
PHONE #

FACILITY INFORMATION

PROJECT NAME: STAR Center - Monthly effluent sample
LOCATION: B100
PROJECT NO.: 7031-877
FAX #

ANALYTICAL INFORMATION

BTEX, Total VOAs (by 624)

MATRIX CODES

DW - DRINKING WATER
GW - GROUND WATER
WW - WASTE WATER
SO - SOIL
SL - SLUDGE
OI - OIL
LIQ - OTHER LIQUID
SOL - OTHER SOLID

LAB USE ONLY

ACCUTEST SAMPLE #	FIELD ID / POINT OF COLLECTION	COLLECTION DATE	COLLECTION TIME	SAMPLED BY:	MATRIX	# OF BOTTLES	PRESERVATION HCl	HNO3	H2SO4	NONE	BTEX, Total VOAs (by 624)
01	PIN12-TRTE-N002 * B100	3-2-06	1022	JPC	GW	3	3				3

DATA TURNAROUND INFORMATION

- ☑ STANDARD
- ☐ 48 HOUR RUSH
- ☐ 24 HOUR EMERGENCY
- ☐ OTHER

APPROVED BY:

EMERGENCY OR RUSH IS FAX DATA UNLESS PREVIOUSLY APPROVED

DATA DELIVERABLE INFORMATION

- ☑ STANDARD
- ☐ COMMERCIAL "B"
- ☐ DISK DELIVERABLE
- ☐ STATE FORMS
- ☐ OTHER (SPECIFY)

COMMENTS/REMARKS

Benzene, Xylenes, Toluene, Total VOAs, Ethylbenzene

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESION, INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER:	DATE TIME:	RECEIVED BY:	RELINQUISHED BY:	DATE TIME:	RECEIVED BY:
1. [signature]	3-2-06 1350	1. [signature]	2. [signature]	3-2-06	3/3/06 0600
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 ☐	ON ICE ☐ TEMPERATURE 2.6 C

4.1 4

F38977: Chain of Custody
Page 1 of 2

ACCUTEST LABORATORIES SAMPLE RECEIPT CONFIRMATION

ACCUTEST'S JOB NUMBER: F38977 CLIENT: S.M. Stoller PROJECT: Star Center - Monthly effluent Sample

DATE/TIME RECEIVED: 3/3/06 0600 # OF COOLERS RECEIVED: 1 COOLER TEMPS: 2.6

METHOD OF DELIVERY: FEDEX UPS ACCUTEST COURIER GREYHOUND DELIVERY OTHER

AIRBILL NUMBERS:

COOLER INFORMATION

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

TRIP BLANK INFORMATION

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

SAMPLE INFORMATION

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

SOIL INFORMATION

NUMBER OF ENCORES ? 0

NUMBER OF 5035 FIELD KITS ? 0

SUMMARY OF COMMENTS:

TECHNICIAN SIGNATURE/DATE [signature] 3/3/06 TECHNICIAN SIGNATURE/DATE

ASBD06/22/05

4.1

4

F38977: Chain of Custody
Page 2 of 2

GC/MS Volatiles

QC Data Summaries

Includes the following where applicable:

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

Method Blank Summary

Job Number: F38977
Account: STOLCOGJ S M Stoller
Project: Star Center-B100 Monthly/Effluent; Largo, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VC1600-MB	C0039351.D	1	03/08/06	JG	n/a	n/a	VC1600

The QC reported here applies to the following samples: **Method:** EPA 624

F38977-1

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.50	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.50	ug/l	
108-88-3	Toluene	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		Limits
1868-53-7	Dibromofluoromethane	110%	86-115%
17060-07-0	1,2-Dichloroethane-D4	102%	73-126%
2037-26-5	Toluene-D8	94%	86-112%
460-00-4	4-Bromofluorobenzene	104%	83-119%

Blank Spike Summary

Job Number: F38977
Account: STOLCOGJ S M Stoller
Project: Star Center-B100 Monthly/Effluent; Largo, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VC1600-BS	C0039350.D	1	03/08/06	JG	n/a	n/a	VC1600

The QC reported here applies to the following samples: **Method:** EPA 624

F38977-1

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
71-43-2	Benzene	25	24.8	99	80-120
100-41-4	Ethylbenzene	25	25.5	102	82-115
108-88-3	Toluene	25	23.9	96	81-114
	m,p-Xylene	50	51.5	103	83-118
95-47-6	o-Xylene	25	26.4	106	77-119

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	110%	86-115%
17060-07-0	1,2-Dichloroethane-D4	103%	73-126%
2037-26-5	Toluene-D8	94%	86-112%
460-00-4	4-Bromofluorobenzene	92%	83-119%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F38977
Account: STOLCOGJ S M Stoller
Project: Star Center-B100 Monthly/Effluent; Largo, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
F38976-3MS	C0039356.D	20	03/09/06	JG	n/a	n/a	VC1600
F38976-3MSD	C0039357.D	20	03/09/06	JG	n/a	n/a	VC1600
F38976-3	C0039355.D	20	03/09/06	JG	n/a	n/a	VC1600

The QC reported here applies to the following samples: **Method:** EPA 624

F38977-1

CAS No.	Compound	F38976-3 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	ND		500	547	109	538	108	2	72-125/7
100-41-4	Ethylbenzene	ND		500	541	108	524	105	3	73-119/8
108-88-3	Toluene	ND		500	508	102	502	100	1	67-123/8
	m,p-Xylene	ND		1000	1070	107	1050	105	2	74-123/7
95-47-6	o-Xylene	ND		500	557	111	549	110	1	68-123/7

CAS No.	Surrogate Recoveries	MS	MSD	F38976-3	Limits
1868-53-7	Dibromofluoromethane	107%	106%	109%	86-115%
17060-07-0	1,2-Dichloroethane-D4	109%	110%	104%	73-126%
2037-26-5	Toluene-D8	99%	96%	100%	86-112%
460-00-4	4-Bromofluorobenzene	95%	94%	106%	83-119%

Southeast ACCUTEST Laboratories

IT'S ALL IN THE CHEMISTRY

05/11/06

Technical Report for

S M Stoller

Star Center-B100 Monthly/Effluent; Largo, FL

7031-877

Accutest Job Number: F39772

Sampling Date: 04/04/06

Report to:

S M Stoller

Cathy.Kelleher@gjo.doe.gov

ATTN: Cathy Kelleher

Total number of pages in report: **13**

ACCUTEST LABORATORIES 50 YEARS 1956-2006

ACCREDITED IN ACCORDANCE WITH nelac

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

Harry Behzadi, Ph.D.
Laboratory Director

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

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Sample Summary

S M Stoller

Job No: F39772

Star Center-B100 Monthly/Effluent; Largo, FL
Project No: 7031-877

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
F39772-1	04/04/06	10:12	JPC	04/04/06	AQ	Ground Water	PIN12-TRTE-N002*B100

SAMPLE DELIVERY GROUP CASE NARRATIVE

Client: S M Stoller **Job No:** F39772

Site: Star Center-B100 Monthly/Effluent; Largo, FL **Report Date** 5/1/2006

1 Sample was collected on 04/04/2006 and was received at Accutest on 04/04/2006 properly preserved, at 2.8 Deg. C and intact. The Sample received an Accutest job number of F39772. 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:** VB1601

Samples F39773-3MS, F39773-3MSD were used as the QC samples indicated.

F39772-1: Sample collected on 04/04/06 at 10:12.

F39772-1 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: May 01, 2006

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

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	PIN12-TRTE-N002*B100		
Lab Sample ID:	F39772-1	**Date Sampled:**	04/04/06
Matrix:	AQ - Ground Water	**Date Received:**	04/04/06
Method:	EPA 624	**Percent Solids:**	n/a
Project:	Star Center-B100 Monthly/Effluent; Largo, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	B037831.D	1	04/14/06	KW	n/a	n/a	VB1601
Run #2							

	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	100%		86-115%
17060-07-0	1,2-Dichloroethane-D4	99%		73-126%
2037-26-5	Toluene-D8	101%		86-112%
460-00-4	4-Bromofluorobenzene	117%		83-119%

(a) Sample collected on 04/04/06 at 10:12.
(b) 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

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

ACCUTEST Laboratories

CHAIN OF CUSTODY

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

ACCUTEST JOB #: F39772
ACCUTEST QUOTE #:

CLIENT INFORMATION

NAME: S.M. Stoller
ADDRESS: 7887 Bryan Dairy Rd, Suite 260
CITY: Largo STATE: FL ZIP: 33777
SEND REPORT TO:
PHONE #:

FACILITY INFORMATION

PROJECT NAME: STAR Center - Monthly effluent sample
LOCATION: B100
PROJECT NO.: 7031-877
FAX #:

ANALYTICAL INFORMATION

BTEX, Total VOAs (by 624)

MATRIX CODES

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 DATE	COLLECTION TIME	SAMPLED BY:	MATRIX	# OF BOTTLES	PRESERVATION HCl	NaOH	HNO3	H2SO4	NONE	BTEX, Total VOAs (by 624)	LAB USE ONLY
1	PIN12-TRTE-N002 * B100	4-4-06	1012	JPC	GW	3	3					3	

DATA TURNAROUND INFORMATION

- [x] STANDARD
- [ ] 48 HOUR RUSH
- [ ] 24 HOUR EMERGENCY
- [ ] OTHER

APPROVED BY:

EMERGENCY OR RUSH IS FAX DATA UNLESS PREVIOUSLY APPROVED

DATA DELIVERABLE INFORMATION

- [x] STANDARD
- [ ] COMMERCIAL "B"
- [ ] DISK DELIVERABLE
- [ ] STATE FORMS
- [ ] OTHER (SPECIFY)

COMMENTS/REMARKS

Benzene, Xylenes, Toluene, Total VOAs, Ethylbenzene

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESION, INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER:	DATE TIME:	RECEIVED BY:	RELINQUISHED BY:	DATE TIME:	RECEIVED BY:
1. JPC 4-4-06		1. (Accutest) 4/4/06 11:50	2. (Accutest)	04/05/06 0800	2.
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 ☐	ON ICE ☐ TEMPERATURE 2.8 °C

4.1 4

F39772: Chain of Custody
Page 1 of 2

ACCUTEST LABORATORIES SAMPLE RECEIPT CONFIRMATION

ACCUTEST'S JOB NUMBER: F39772 CLIENT: SM Stoler PROJECT: Stan Center EFF

DATE/TIME RECEIVED: 04/05/06 0800 # OF COOLERS RECEIVED: 1 COOLER TEMPS: 2.8°

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

AIRBILL NUMBERS:

COOLER INFORMATION

- [ ] CUSTODY SEAL NOT PRESENT OR NOT INTACT
- [ ] CHAIN OF CUSTODY NOT RECEIVED (COC)
- [ ] ANALYSIS REQUESTED IS UNCLEAR OR MISSING
- [ ] SAMPLE DATES OR TIMES UNCLEAR OR MISSING
- [ ] TEMPERATURE CRITERIA NOT MET

TRIP BLANK INFORMATION

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

SAMPLE INFORMATION

- [ ] SAMPLE LABELS PRESENT ON ALL BOTTLES
- [ ] CORRECT NUMBER OF CONTAINERS USED
- [ ] SAMPLE RECEIVED IMPROPERLY PRESERVED
- [ ] INSUFFICIENT VOLUME FOR ANALYSIS
- [ ] TIMES ON COC DON'T MATCH LABEL
- [ ] ID'S ON COC DON'T MATCH LABEL
- [ ] VOC VIALS HAVE HEADSPACE (MACRO BUBBLES)
- [ ] BOTTLES RECEIVED BUT ANALYSIS NOT REQUESTED
- [ ] NO BOTTLES RECEIVED FOR ANALYSIS REQUESTED
- [ ] UNCLEAR FILTERING INSTRUCTIONS
- [ ] UNCLEAR COMPOSITING INSTRUCTIONS
- [ ] SAMPLE CONTAINER(S) RECEIVED BROKEN
- [ ] % SOLIDS JAR NOT RECEIVED
- [ ] 5035 FIELD KIT FROZEN WITHIN 48 HOUR'S

MISC. INFORMATION

NUMBER OF ENCORES ? 0

NUMBER OF 5035 FIELD KITS ? 0

NUMBER OR LAB FILTERED METALS ? 0

SUMMARY OF COMMENTS:

TECHNICIAN SIGNATURE/DATE 04/05/06 TECHNICIAN SIGNATURE/DATE

ASBD03/27/06

4.1

4

F39772: Chain of Custody
Page 2 of 2

GC/MS Volatiles

QC Data Summaries

Includes the following where applicable:

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

Method Blank Summary

Job Number: F39772
Account: STOLCOGJ S M Stoller
Project: Star Center-B100 Monthly/Effluent; Largo, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VB1601-MB	B037830.D	1	04/14/06	KW	n/a	n/a	VB1601

The QC reported here applies to the following samples: **Method:** EPA 624

F39772-1

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.50	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.50	ug/l	
108-88-3	Toluene	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		Limits
1868-53-7	Dibromofluoromethane	102%	86-115%
17060-07-0	1,2-Dichloroethane-D4	99%	73-126%
2037-26-5	Toluene-D8	101%	86-112%
460-00-4	4-Bromofluorobenzene	115%	83-119%

Blank Spike Summary

Job Number: F39772
Account: STOLCOGJ S M Stoller
Project: Star Center-B100 Monthly/Effluent; Largo, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VB1601-BS	B037829.D	1	04/14/06	KW	n/a	n/a	VB1601

The QC reported here applies to the following samples: **Method:** EPA 624

F39772-1

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
71-43-2	Benzene	25	23.7	95	80-120
100-41-4	Ethylbenzene	25	23.6	94	82-115
108-88-3	Toluene	25	23.2	93	81-114
	m,p-Xylene	50	49.3	99	83-118
95-47-6	o-Xylene	25	25.2	101	77-119

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	102%	86-115%
17060-07-0	1,2-Dichloroethane-D4	106%	73-126%
2037-26-5	Toluene-D8	100%	86-112%
460-00-4	4-Bromofluorobenzene	100%	83-119%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F39772
Account: STOLCOGJ S M Stoller
Project: Star Center-B100 Monthly/Effluent; Largo, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
F39773-3MS	B037833.D	20	04/15/06	KW	n/a	n/a	VB1601
F39773-3MSD	B037834.D	20	04/15/06	KW	n/a	n/a	VB1601
F39773-3 [a]	B037832.D	20	04/14/06	KW	n/a	n/a	VB1601

The QC reported here applies to the following samples: **Method:** EPA 624

F39772-1

CAS No.	Compound	F39773-3 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	ND		500	479	96	465	93	3	72-125/7
100-41-4	Ethylbenzene	ND		500	477	95	472	94	1	73-119/8
108-88-3	Toluene	ND		500	461	92	460	92	0	67-123/8
	m,p-Xylene	ND		1000	994	99	982	98	1	74-123/7
95-47-6	o-Xylene	ND		500	507	101	503	101	1	68-123/7

CAS No.	Surrogate Recoveries	MS	MSD	F39773-3	Limits
1868-53-7	Dibromofluoromethane	101%	101%	103%	86-115%
17060-07-0	1,2-Dichloroethane-D4	104%	104%	100%	73-126%
2037-26-5	Toluene-D8	98%	100%	101%	86-112%
460-00-4	4-Bromofluorobenzene	101%	102%	113%	83-119%

(a) Confirmation run.

Southeast ACCUTEST Laboratories

IT'S ALL IN THE CHEMISTRY

05/11/06

Technical Report for

S M Stoller

Star Center-B100

7031-877

Accutest Job Number: F39773

Sampling Date: 04/04/06

Report to:

S M Stoller

Cathy.Kelleher@gjo.doe.gov

ATTN: Cathy Kelleher

Total number of pages in report: **58**

ACCUTEST LABORATORIES 50 YEARS 1956-2006

ACCREDITED IN ACCORDANCE WITH nelac

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

Harry Behzadi, Ph.D.
Laboratory Director

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

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Accutest LabLink@49223 13:34 11-May-2006

Sample Summary

S M Stoller

Job No: F39773

Star Center-B100
Project No: 7031-877

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
F39773-1	04/04/06	10:32	JPC	04/04/06	AQ	Ground Water	PIN12-RW01-N001
F39773-2	04/04/06	10:34	JPC	04/04/06	AQ	Ground Water	PIN12-RW02-N001
F39773-3	04/04/06	10:05	JPC	04/04/06	AQ	Ground Water	PIN12-TRTI-N001
F39773-4	04/04/06	10:10	JPC	04/04/06	AQ	Ground Water	PIN12-TRTE-N001

SAMPLE DELIVERY GROUP CASE NARRATIVE

Client: S M Stoller **Job No:** F39773

Site: Star Center-B100 **Report Date** 5/1/2006 1:18:37 PM

4 Samples were collected on 04/04/2006 and were received at Accutest on 04/04/2006 properly preserved, at 2.8 Deg. C and intact. These Samples received an Accutest job number of F39773. 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:** VB1601

Samples F39773-3MS, F39773-3MSD were used as the QC samples indicated.

All method blanks for this batch meet method specific criteria.
MS/MSD recoveries for 2-Chloroethyl vinyl ether are outside control limits. Blank Spike is within limits.

F39773-3: Confirmation run.

F39773-4: Sample was treated with an anti-foaming agent.

Matrix: AQ **Batch ID:** VB1604

All method blanks for this batch meet method specific criteria.

Samples F39773-3MS, F39773-3MSD were used as the QC samples indicated.
MS/MSD recoveries for 2-Chloroethyl vinyl ether are outside control limits. Blank Spike is within limits.

Volatiles by GCMS by Method SW846 8260B

Matrix: AQ **Batch ID:** VB1597

All samples were analyzed within the recommended method holding time.

All method blanks for this batch meet method specific criteria.

Samples F39752-1MS, F39752-1MSD were used as the QC samples indicated.

Extractables by GCMS by Method EPA 625

Matrix: AQ **Batch ID:** OP16266

All method blanks for this batch meet method specific criteria.

Samples F39773-4MS, F39773-4MSD were used as the QC samples indicated.

MS/MSD recoveried for Di-n-octyl phthalate are outside control limits. Blank Spike is within limits.
RPDs for MSD for 3,3'-Dichlorobenzidine, Benzoic Acid are outside control limits for sample OP16266-MSD. Blank Spike is within limits.

Metals by Method SW846 6010B

Matrix: AQ **Batch ID:** MP9442

All method blanks for this batch meet method specific criteria.

Samples F39739-1ADUP, F39739-1AMS, F39739-1AMSD, F39739-1ASDL were used as the QC samples for metals.

Accutest Laboratories Southeast (ALSE) certifies that this report meets the project requirements for analytical data produced for the samples as received at ALSE and as stated on the COC. ALSE certifies that the data meets the Data 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: May 01, 2006

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

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	PIN12-RW01-N001		
Lab Sample ID:	F39773-1	**Date Sampled:**	04/04/06
Matrix:	AQ - Ground Water	**Date Received:**	04/04/06
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Star Center-B100		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	B037732.D	100	04/12/06	KW	n/a	n/a	VB1597
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	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	200	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	2520	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	200	100	ug/l	
74-87-3	Methyl chloride	ND	200	100	ug/l	
75-09-2	Methylene chloride	ND	500	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	40	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	4480	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:	F39773-1	**Date Sampled:**	04/04/06
Matrix:	AQ - Ground Water	**Date Received:**	04/04/06
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	200	50	ug/l	
75-01-4	Vinyl chloride	623	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	101%		86-115%
17060-07-0	1,2-Dichloroethane-D4	99%		73-126%
2037-26-5	Toluene-D8	102%		86-112%
460-00-4	4-Bromofluorobenzene	111%		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:	F39773-2	**Date Sampled:**	04/04/06
Matrix:	AQ - Ground Water	**Date Received:**	04/04/06
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Star Center-B100		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	B037733.D	10	04/12/06	KW	n/a	n/a	VB1597
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	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	20	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	15.7	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	548	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	43.8	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	20	10	ug/l	
74-87-3	Methyl chloride	ND	20	10	ug/l	
75-09-2	Methylene chloride	ND	50	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	4.0	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	286	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:	F39773-2	**Date Sampled:**	04/04/06
Matrix:	AQ - Ground Water	**Date Received:**	04/04/06
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	20	5.0	ug/l	
75-01-4	Vinyl chloride	73.2	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	101%		86-115%
17060-07-0	1,2-Dichloroethane-D4	97%		73-126%
2037-26-5	Toluene-D8	102%		86-112%
460-00-4	4-Bromofluorobenzene	110%		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:	F39773-3	**Date Sampled:**	04/04/06
Matrix:	AQ - Ground Water	**Date Received:**	04/04/06
Method:	EPA 624	**Percent Solids:**	n/a
Project:	Star Center-B100		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	B037866.D	20	04/18/06	KW	n/a	n/a	VB1604
Run #2 [a]	B037832.D	20	04/14/06	KW	n/a	n/a	VB1601

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

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	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	40	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	1240	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	30.9	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	40	20	ug/l	
74-87-3	Methyl chloride	ND	40	20	ug/l	
75-09-2	Methylene chloride	ND	100	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	8.0	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	1120	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:	F39773-3	**Date Sampled:**	04/04/06
Matrix:	AQ - Ground Water	**Date Received:**	04/04/06
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	40	10	ug/l	
75-01-4	Vinyl chloride	167	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	104%	103%	86-115%
17060-07-0	1,2-Dichloroethane-D4	99%	100%	73-126%
2037-26-5	Toluene-D8	101%	101%	86-112%
460-00-4	4-Bromofluorobenzene	110%	113%	83-119%

(a) Confirmation run.

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:	F39773-3	**Date Sampled:**	04/04/06
Matrix:	AQ - Ground Water	**Date Received:**	04/04/06
		Percent Solids:	n/a
Project:	Star Center-B100		

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Iron	5190	300	7.5	ug/l	1	04/06/06	04/06/06	RS	SW846 6010B [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA4901
(2) Prep QC Batch: MP9442

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		
Lab Sample ID:	F39773-3	**Date Sampled:**	04/04/06
Matrix:	AQ - Ground Water	**Date Received:**	04/04/06
		Percent Solids:	n/a
Project:	Star Center-B100		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Hardness, Total as CaCO3	378	4.0	mg/l	1	04/20/06	DM	SW846 6010B/SM 2340B

RL = Reporting Limit

Report of Analysis

Client Sample ID:	PIN12-TRTE-N001		
Lab Sample ID:	F39773-4	**Date Sampled:**	04/04/06
Matrix:	AQ - Ground Water	**Date Received:**	04/04/06
Method:	EPA 624	**Percent Solids:**	n/a
Project:	Star Center-B100		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	B037835.D	1	04/15/06	KW	n/a	n/a	VB1601
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.50	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.50	ug/l	
75-25-2	Bromoform	ND	1.0	0.50	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.50	ug/l	
75-00-3	Chloroethane	ND	2.0	1.0	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
110-75-8	2-Chloroethyl vinyl ether	ND	5.0	2.5	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.50	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.50	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.50	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.50	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.50	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.40	ug/l	
75-71-8	Dichlorodifluoromethane	ND	1.0	0.50	ug/l	
156-59-2	cis-1,2-Dichloroethylene	0.91	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	2.0	1.0	ug/l	
74-87-3	Methyl chloride	ND	2.0	1.0	ug/l	
75-09-2	Methylene chloride	ND	5.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.50	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.40	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:	F39773-4	**Date Sampled:**	04/04/06
Matrix:	AQ - Ground Water	**Date Received:**	04/04/06
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	2.0	0.50	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	99%		73-126%
2037-26-5	Toluene-D8	100%		86-112%
460-00-4	4-Bromofluorobenzene	115%		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:	F39773-4	**Date Sampled:**	04/04/06
Matrix:	AQ - Ground Water	**Date Received:**	04/04/06
Method:	EPA 625 SW846 3510C	**Percent Solids:**	n/a
Project:	Star Center-B100		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	R02068.D	1	04/14/06	MRE	04/11/06	OP16266	SR95
Run #2							

	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	9.7	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	ND	4.9	1.9	ug/l	
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	ND	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	3.8	4.9	0.97	ug/l	J
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	3.9	ug/l	
86-74-8	Carbazole	1.3	4.9	0.97	ug/l	J
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		
Lab Sample ID:	F39773-4	**Date Sampled:**	04/04/06
Matrix:	AQ - Ground Water	**Date Received:**	04/04/06
Method:	EPA 625 SW846 3510C	**Percent Solids:**	n/a
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	9.7	3.9	ug/l	
99-09-2	3-Nitroaniline	ND	9.7	3.9	ug/l	
100-01-6	4-Nitroaniline	ND	9.7	3.9	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	30%		19-90%
4165-62-2	Phenol-d5	16%		10-68%
118-79-6	2,4,6-Tribromophenol	74%		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:	F39773-4	**Date Sampled:**	04/04/06
Matrix:	AQ - Ground Water	**Date Received:**	04/04/06
Method:	EPA 625 SW846 3510C	**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	64%		49-119%
321-60-8	2-Fluorobiphenyl	69%		45-118%
1718-51-0	Terphenyl-d14	70%		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		
Lab Sample ID:	F39773-4	**Date Sampled:**	04/04/06
Matrix:	AQ - Ground Water	**Date Received:**	04/04/06
		Percent Solids:	n/a
Project:	Star Center-B100		

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Iron	5070	300	7.5	ug/l	1	04/06/06	04/06/06	RS	SW846 6010B [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA4901
(2) Prep QC Batch: MP9442

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		
Lab Sample ID:	F39773-4	**Date Sampled:**	04/04/06
Matrix:	AQ - Ground Water	**Date Received:**	04/04/06
		Percent Solids:	n/a
Project:	Star Center-B100		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Hardness, Total as CaCO3	372	4.0	mg/l	1	04/20/06	DM	SW846 6010B/SM 2340B

RL = Reporting Limit

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

ACCUTEST Laboratories

CHAIN OF CUSTODY

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

ACCUTEST #: F39773
ACCUTEST QUOTE #:

CLIENT INFORMATION

NAME: S.M. Stoller
ADDRESS: 7887 Bryan Dairy Rd, Suite 260
CITY: Largo STATE: FL ZIP: 33777
SEND REPORT TO:
PHONE #:

FACILITY INFORMATION

PROJECT NAME: STAR Center - Monthly Sampling
LOCATION: B100
PROJECT NO.: 7031-877
FAX #:

ANALYTICAL INFORMATION

MATRIX CODES

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 DATE	COLLECTION TIME	SAMPLED BY:	MATRIX	# OF BOTTLES	PRESERVATION HCl	PRESERVATION NaOH	PRESERVATION HNO3	PRESERVATION H2SO4	PRESERVATION NONE	VOCs - 8260	VOCs - 624	SVOCs - 625	Fe + Hardness	LAB USE ONLY
1)	PIN12-RW01-N001	4-4-06	1032	JPC	GW	3	3					3				
2)	PIN12-RW02-N001	↓	1034	↓	↓	3	3					3				
3)	PIN12-TRTI-N001		1005			4	3	1					3		1	
4)	PIN12-TRTE-N001	↓	1010	↓	↓	6	3	1		2			3	2	1	

DATA TURNAROUND INFORMATION

☑ STANDARD
☐ 48 HOUR RUSH
☐ 24 HOUR EMERGENCY
☐ OTHER

APPROVED BY:

EMERGENCY OR RUSH IS FAX DATA UNLESS PREVIOUSLY APPROVED

DATA DELIVERABLE INFORMATION

☑ STANDARD
☐ COMMERCIAL "B"
☐ DISK DELIVERABLE
☐ STATE FORMS
☐ OTHER (SPECIFY)

COMMENTS/REMARKS

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESION, INCLUDING COURIER DELIVERY

RELINQUISHED BY/SAMPLER:	DATE TIME	RECEIVED BY:	RELINQUISHED BY:	DATE TIME:	RECEIVED BY:
1. JPC	4-4-06	1. [illegible] 4/4/06 11:50	2. [illegible]	04/05/06-0805	2. [illegible]
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 ☐	ON ICE ☐ TEMPERATURE ____ C

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F39773: Chain of Custody
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ACCUTEST LABORATORIES SAMPLE RECEIPT CONFIRMATION

ACCUTEST'S JOB NUMBER: F39773 CLIENT: SM Stoker PROJECT: Monthly Sampling

DATE/TIME RECEIVED: 04/05/06 - 0800 # OF COOLERS RECEIVED: ____ COOLER TEMPS: 2.8°

METHOD OF DELIVERY: FEDEX UPS ACCUTEST COURIER GREYHOUND DELIVERY OTHER

AIRBILL NUMBERS: ____

COOLER INFORMATION

- [ ] CUSTODY SEAL NOT PRESENT OR NOT INTACT
- [ ] CHAIN OF CUSTODY NOT RECEIVED (COC)
- [ ] ANALYSIS REQUESTED IS UNCLEAR OR MISSING
- [ ] SAMPLE DATES OR TIMES UNCLEAR OR MISSING
- [ ] TEMPERATURE CRITERIA NOT MET

TRIP BLANK INFORMATION

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

MISC. INFORMATION

NUMBER OF ENCORES ? 0

NUMBER OF 5035 FIELD KITS ? 0

NUMBER OR LAB FILTERED METALS ? 0

SAMPLE INFORMATION

- [ ] SAMPLE LABELS PRESENT ON ALL BOTTLES
- [ ] CORRECT NUMBER OF CONTAINERS USED
- [ ] SAMPLE RECEIVED IMPROPERLY PRESERVED
- [ ] INSUFFICIENT VOLUME FOR ANALYSIS
- [ ] TIMES ON COC DON'T MATCH LABEL
- [ ] ID'S ON COC DON'T MATCH LABEL
- [ ] VOC VIALS HAVE HEADSPACE (MACRO BUBBLES)
- [ ] BOTTLES RECEIVED BUT ANALYSIS NOT REQUESTED
- [ ] NO BOTTLES RECEIVED FOR ANALYSIS REQUESTED
- [ ] UNCLEAR FILTERING INSTRUCTIONS
- [ ] UNCLEAR COMPOSITING INSTRUCTIONS
- [ ] SAMPLE CONTAINER(S) RECEIVED BROKEN
- [ ] % SOLIDS JAR NOT RECEIVED
- [ ] 5035 FIELD KIT FROZEN WITHIN 48 HOUR'S

SUMMARY OF COMMENTS: ____

TECHNICIAN SIGNATURE/DATE: [signature] 04/05/06 TECHNICIAN SIGNATURE/DATE ____

ASBD03/27/06

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F39773: Chain of Custody

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ACCUTEST Laboratories F39773

GC/MS Volatiles

QC Data Summaries

Includes the following where applicable:

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

Method Blank Summary

Job Number: F39773
Account: STOLCOGJ S M Stoller
Project: Star Center-B100

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VB1601-MB	B037830.D	1	04/14/06	KW	n/a	n/a	VB1601

The QC reported here applies to the following samples: **Method:** EPA 624

F39773-4

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

Method Blank Summary

Job Number: F39773
Account: STOLCOGJ S M Stoller
Project: Star Center-B100

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VB1601-MB	B037830.D	1	04/14/06	KW	n/a	n/a	VB1601

The QC reported here applies to the following samples: **Method:** EPA 624

F39773-4

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

Method Blank Summary

Job Number: F39773
Account: STOLCOGJ S M Stoller
Project: Star Center-B100

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VB1604-MB	B037865.D	1	04/18/06	KW	n/a	n/a	VB1604

The QC reported here applies to the following samples: **Method:** EPA 624

F39773-3

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

Method Blank Summary

Job Number: F39773
Account: STOLCOGJ S M Stoller
Project: Star Center-B100

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VB1604-MB	B037865.D	1	04/18/06	KW	n/a	n/a	VB1604

The QC reported here applies to the following samples: **Method:** EPA 624

F39773-3

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	105%	86-115%
17060-07-0	1,2-Dichloroethane-D4	100%	73-126%
2037-26-5	Toluene-D8	100%	86-112%
460-00-4	4-Bromofluorobenzene	109%	83-119%

Method Blank Summary

Job Number: F39773
Account: STOLCOGJ S M Stoller
Project: Star Center-B100

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VB1597-MB	B037723.D	1	04/12/06	KW	n/a	n/a	VB1597

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

F39773-1, F39773-2

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

Method Blank Summary

Job Number: F39773
Account: STOLCOGJ S M Stoller
Project: Star Center-B100

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VB1597-MB	B037723.D	1	04/12/06	KW	n/a	n/a	VB1597

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

F39773-1, F39773-2

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	103%	86-115%
17060-07-0	1,2-Dichloroethane-D4	99%	73-126%
2037-26-5	Toluene-D8	100%	86-112%
460-00-4	4-Bromofluorobenzene	110%	83-119%

Blank Spike Summary

Job Number: F39773
Account: STOLCOGJ S M Stoller
Project: Star Center-B100

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VB1601-BS	B037829.D	1	04/14/06	KW	n/a	n/a	VB1601

The QC reported here applies to the following samples: **Method:** EPA 624

F39773-4

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
71-43-2	Benzene	25	23.7	95	80-120
75-27-4	Bromodichloromethane	25	22.5	90	75-120
75-25-2	Bromoform	25	22.8	91	60-129
108-90-7	Chlorobenzene	25	23.6	94	82-112
75-00-3	Chloroethane	25	23.6	94	67-148
67-66-3	Chloroform	25	23.9	96	78-118
110-75-8	2-Chloroethyl vinyl ether	125	124	99	23-132
56-23-5	Carbon tetrachloride	25	24.9	100	69-137
75-34-3	1,1-Dichloroethane	25	24.1	96	75-117
75-35-4	1,1-Dichloroethylene	25	24.8	99	67-134
107-06-2	1,2-Dichloroethane	25	23.5	94	68-121
78-87-5	1,2-Dichloropropane	25	23.0	92	78-122
124-48-1	Dibromochloromethane	25	22.3	89	68-118
75-71-8	Dichlorodifluoromethane	25	25.1	100	43-173
156-59-2	cis-1,2-Dichloroethylene	25	22.5	90	81-120
10061-01-5	cis-1,3-Dichloropropene	25	23.4	94	73-115
541-73-1	m-Dichlorobenzene	25	23.6	94	78-116
95-50-1	o-Dichlorobenzene	25	23.4	94	77-115
106-46-7	p-Dichlorobenzene	25	22.6	90	77-113
156-60-5	trans-1,2-Dichloroethylene	25	24.1	96	74-125
10061-02-6	trans-1,3-Dichloropropene	25	24.5	98	69-115
100-41-4	Ethylbenzene	25	23.6	94	82-115
74-83-9	Methyl bromide	25	24.7	99	60-165
74-87-3	Methyl chloride	25	23.4	94	58-152
75-09-2	Methylene chloride	25	22.4	90	66-125
1634-04-4	Methyl Tert Butyl Ether	25	23.7	95	67-127
71-55-6	1,1,1-Trichloroethane	25	24.9	100	78-132
79-34-5	1,1,2,2-Tetrachloroethane	25	21.8	87	67-119
79-00-5	1,1,2-Trichloroethane	25	22.6	90	74-115
127-18-4	Tetrachloroethylene	25	24.6	98	75-126
108-88-3	Toluene	25	23.2	93	81-114
79-01-6	Trichloroethylene	25	24.4	98	80-115
75-69-4	Trichlorofluoromethane	25	28.6	114	65-163
75-01-4	Vinyl chloride	25	24.7	99	70-151
	m,p-Xylene	50	49.3	99	83-118
95-47-6	o-Xylene	25	25.2	101	77-119

Blank Spike Summary

Job Number: F39773
Account: STOLCOGJ S M Stoller
Project: Star Center-B100

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VB1601-BS	B037829.D	1	04/14/06	KW	n/a	n/a	VB1601

The QC reported here applies to the following samples: **Method:** EPA 624

F39773-4

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	102%	86-115%
17060-07-0	1,2-Dichloroethane-D4	106%	73-126%
2037-26-5	Toluene-D8	100%	86-112%
460-00-4	4-Bromofluorobenzene	100%	83-119%

Blank Spike Summary

Job Number: F39773
Account: STOLCOGJ S M Stoller
Project: Star Center-B100

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VB1604-BS	B037864.D	1	04/18/06	KW	n/a	n/a	VB1604

The QC reported here applies to the following samples: **Method:** EPA 624

F39773-3

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
71-43-2	Benzene	25	24.4	98	80-120
75-27-4	Bromodichloromethane	25	24.1	96	75-120
75-25-2	Bromoform	25	25.3	101	60-129
108-90-7	Chlorobenzene	25	24.7	99	82-112
75-00-3	Chloroethane	25	26.8	107	67-148
67-66-3	Chloroform	25	25.3	101	78-118
110-75-8	2-Chloroethyl vinyl ether	125	127	102	23-132
56-23-5	Carbon tetrachloride	25	27.5	110	69-137
75-34-3	1,1-Dichloroethane	25	25.1	100	75-117
75-35-4	1,1-Dichloroethylene	25	25.5	102	67-134
107-06-2	1,2-Dichloroethane	25	24.3	97	68-121
78-87-5	1,2-Dichloropropane	25	24.1	96	78-122
124-48-1	Dibromochloromethane	25	24.1	96	68-118
75-71-8	Dichlorodifluoromethane	25	37.5	150	43-173
156-59-2	cis-1,2-Dichloroethylene	25	24.1	96	81-120
10061-01-5	cis-1,3-Dichloropropene	25	25.7	103	73-115
541-73-1	m-Dichlorobenzene	25	25.0	100	78-116
95-50-1	o-Dichlorobenzene	25	24.5	98	77-115
106-46-7	p-Dichlorobenzene	25	23.5	94	77-113
156-60-5	trans-1,2-Dichloroethylene	25	25.5	102	74-125
10061-02-6	trans-1,3-Dichloropropene	25	26.6	106	69-115
100-41-4	Ethylbenzene	25	24.6	98	82-115
74-83-9	Methyl bromide	25	29.0	116	60-165
74-87-3	Methyl chloride	25	27.1	108	58-152
75-09-2	Methylene chloride	25	22.8	91	66-125
1634-04-4	Methyl Tert Butyl Ether	25	25.8	103	67-127
71-55-6	1,1,1-Trichloroethane	25	27.0	108	78-132
79-34-5	1,1,2,2-Tetrachloroethane	25	21.8	87	67-119
79-00-5	1,1,2-Trichloroethane	25	23.0	92	74-115
127-18-4	Tetrachloroethylene	25	27.2	109	75-126
108-88-3	Toluene	25	24.3	97	81-114
79-01-6	Trichloroethylene	25	25.8	103	80-115
75-69-4	Trichlorofluoromethane	25	31.6	126	65-163
75-01-4	Vinyl chloride	25	29.1	116	70-151
	m,p-Xylene	50	51.6	103	83-118
95-47-6	o-Xylene	25	26.3	105	77-119

Blank Spike Summary

Job Number: F39773
Account: STOLCOGJ S M Stoller
Project: Star Center-B100

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VB1604-BS	B037864.D	1	04/18/06	KW	n/a	n/a	VB1604

The QC reported here applies to the following samples: **Method:** EPA 624

F39773-3

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

Blank Spike Summary

Job Number: F39773
Account: STOLCOGJ S M Stoller
Project: Star Center-B100

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VB1597-BS	B037722.D	1	04/12/06	KW	n/a	n/a	VB1597

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

F39773-1, F39773-2

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
71-43-2	Benzene	25	23.0	92	80-120
75-27-4	Bromodichloromethane	25	22.5	90	75-120
75-25-2	Bromoform	25	24.2	97	60-129
108-90-7	Chlorobenzene	25	23.9	96	82-112
75-00-3	Chloroethane	25	25.9	104	67-148
67-66-3	Chloroform	25	23.7	95	78-118
110-75-8	2-Chloroethyl vinyl ether	125	123	98	23-132
56-23-5	Carbon tetrachloride	25	25.3	101	69-137
75-34-3	1,1-Dichloroethane	25	23.3	93	75-117
75-35-4	1,1-Dichloroethylene	25	21.8	87	67-134
107-06-2	1,2-Dichloroethane	25	22.7	91	68-121
78-87-5	1,2-Dichloropropane	25	22.8	91	78-122
124-48-1	Dibromochloromethane	25	23.2	93	68-118
75-71-8	Dichlorodifluoromethane	25	30.2	121	43-173
156-59-2	cis-1,2-Dichloroethylene	25	22.4	90	81-120
10061-01-5	cis-1,3-Dichloropropene	25	24.2	97	73-115
541-73-1	m-Dichlorobenzene	25	24.4	98	78-116
95-50-1	o-Dichlorobenzene	25	24.1	96	77-115
106-46-7	p-Dichlorobenzene	25	23.2	93	77-113
156-60-5	trans-1,2-Dichloroethylene	25	22.9	92	74-125
10061-02-6	trans-1,3-Dichloropropene	25	26.0	104	69-115
100-41-4	Ethylbenzene	25	23.8	95	82-115
74-83-9	Methyl bromide	25	27.6	110	60-165
74-87-3	Methyl chloride	25	25.6	102	58-152
75-09-2	Methylene chloride	25	20.8	83	66-125
1634-04-4	Methyl Tert Butyl Ether	25	23.8	95	67-127
71-55-6	1,1,1-Trichloroethane	25	24.6	98	78-132
79-34-5	1,1,2,2-Tetrachloroethane	25	21.6	86	67-119
79-00-5	1,1,2-Trichloroethane	25	22.3	89	74-115
127-18-4	Tetrachloroethylene	25	25.7	103	75-126
108-88-3	Toluene	25	23.0	92	81-114
79-01-6	Trichloroethylene	25	24.2	97	80-115
75-69-4	Trichlorofluoromethane	25	30.0	120	65-163
75-01-4	Vinyl chloride	25	27.5	110	70-151
	m,p-Xylene	50	49.4	99	83-118
95-47-6	o-Xylene	25	25.4	102	77-119

Blank Spike Summary

Job Number: F39773
Account: STOLCOGJ S M Stoller
Project: Star Center-B100

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VB1597-BS	B037722.D	1	04/12/06	KW	n/a	n/a	VB1597

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

F39773-1, F39773-2

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	102%	86-115%
17060-07-0	1,2-Dichloroethane-D4	102%	73-126%
2037-26-5	Toluene-D8	98%	86-112%
460-00-4	4-Bromofluorobenzene	99%	83-119%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F39773
Account: STOLCOGJ S M Stoller
Project: Star Center-B100

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
F39773-3MS	B037833.D	20	04/15/06	KW	n/a	n/a	VB1601
F39773-3MSD	B037834.D	20	04/15/06	KW	n/a	n/a	VB1601
F39773-3 [a]	B037832.D	20	04/14/06	KW	n/a	n/a	VB1601

The QC reported here applies to the following samples: **Method:** EPA 624

F39773-4

CAS No.	Compound	F39773-3 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	ND		500	479	96	465	93	3	72-125/7
75-27-4	Bromodichloromethane	ND		500	443	89	438	88	1	72-120/8
75-25-2	Bromoform	ND		500	462	92	472	94	2	55-127/11
108-90-7	Chlorobenzene	ND		500	472	94	462	92	2	79-113/7
75-00-3	Chloroethane	ND		500	469	94	480	96	2	56-164/14
67-66-3	Chloroform	ND		500	476	95	471	94	1	75-120/8
110-75-8	2-Chloroethyl vinyl ether	ND		2500	ND	0*	ND	0*	nc	8-137/18
56-23-5	Carbon tetrachloride	ND		500	494	99	479	96	3	56-145/12
75-34-3	1,1-Dichloroethane	ND		500	488	98	476	95	2	70-122/10
75-35-4	1,1-Dichloroethylene	ND		500	498	100	494	99	1	61-137/15
107-06-2	1,2-Dichloroethane	ND		500	463	93	463	93	0	64-124/7
78-87-5	1,2-Dichloropropane	ND		500	467	93	459	92	2	74-123/8
124-48-1	Dibromochloromethane	ND		500	450	90	452	90	0	63-119/9
75-71-8	Dichlorodifluoromethane	ND		500	503	101	509	102	1	35-184/21
156-59-2	cis-1,2-Dichloroethylene	1180		500	1570	78	1540	72* [b]	2	74-125/9
10061-01-5	cis-1,3-Dichloropropene	ND		500	442	88	442	88	0	65-112/10
541-73-1	m-Dichlorobenzene	ND		500	478	96	462	92	3	74-114/7
95-50-1	o-Dichlorobenzene	ND		500	473	95	461	92	3	73-114/8
106-46-7	p-Dichlorobenzene	ND		500	457	91	449	90	2	74-112/7
156-60-5	trans-1,2-Dichloroethylene	27.2		500	517	98	502	95	3	70-127/11
10061-02-6	trans-1,3-Dichloropropene	ND		500	483	97	491	98	2	59-116/11
100-41-4	Ethylbenzene	ND		500	477	95	472	94	1	73-119/8
74-83-9	Methyl bromide	ND		500	498	100	510	102	2	52-172/16
74-87-3	Methyl chloride	ND		500	483	97	498	100	3	53-155/19
75-09-2	Methylene chloride	ND		500	450	90	443	89	2	61-129/11
1634-04-4	Methyl Tert Butyl Ether	ND		500	469	94	481	96	3	61-129/9
71-55-6	1,1,1-Trichloroethane	ND		500	490	98	484	97	1	72-133/8
79-34-5	1,1,2,2-Tetrachloroethane	ND		500	461	92	463	93	0	64-120/10
79-00-5	1,1,2-Trichloroethane	ND		500	454	91	454	91	0	72-116/9
127-18-4	Tetrachloroethylene	ND		500	478	96	476	95	0	70-126/9
108-88-3	Toluene	ND		500	461	92	460	92	0	67-123/8
79-01-6	Trichloroethylene	1030		500	1490	92	1460	86	2	73-117/10
75-69-4	Trichlorofluoromethane	ND		500	587	117	576	115	2	52-164/16
75-01-4	Vinyl chloride	147		500	621	95	652	101	5	63-161/18
	m,p-Xylene	ND		1000	994	99	982	98	1	74-123/7
95-47-6	o-Xylene	ND		500	507	101	503	101	1	68-123/7

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F39773
Account: STOLCOGJ S M Stoller
Project: Star Center-B100

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
F39773-3MS	B037833.D	20	04/15/06	KW	n/a	n/a	VB1601
F39773-3MSD	B037834.D	20	04/15/06	KW	n/a	n/a	VB1601
F39773-3 [a]	B037832.D	20	04/14/06	KW	n/a	n/a	VB1601

The QC reported here applies to the following samples: **Method:** EPA 624

F39773-4

CAS No.	Surrogate Recoveries	MS	MSD	F39773-3	Limits
1868-53-7	Dibromofluoromethane	101%	101%	103%	86-115%
17060-07-0	1,2-Dichloroethane-D4	104%	104%	100%	73-126%
2037-26-5	Toluene-D8	98%	100%	101%	86-112%
460-00-4	4-Bromofluorobenzene	101%	102%	113%	83-119%

(a) Confirmation run.
(b) Outside control limits due to high level in sample relative to spike amount.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F39773
Account: STOLCOGJ S M Stoller
Project: Star Center-B100

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
F39773-3MS	B037867.D	20	04/18/06	KW	n/a	n/a	VB1604
F39773-3MSD	B037868.D	20	04/18/06	KW	n/a	n/a	VB1604
F39773-3	B037866.D	20	04/18/06	KW	n/a	n/a	VB1604

The QC reported here applies to the following samples: **Method:** EPA 624

F39773-3

CAS No.	Compound	F39773-3 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	ND		500	503	101	498	100	1	72-125/7
75-27-4	Bromodichloromethane	ND		500	485	97	473	95	3	72-120/8
75-25-2	Bromoform	ND		500	505	101	502	100	1	55-127/11
108-90-7	Chlorobenzene	ND		500	499	100	489	98	2	79-113/7
75-00-3	Chloroethane	ND		500	522	104	504	101	4	56-164/14
67-66-3	Chloroform	ND		500	519	104	505	101	3	75-120/8
110-75-8	2-Chloroethyl vinyl ether	ND		2500	ND	0*	ND	0*	nc	8-137/18
56-23-5	Carbon tetrachloride	ND		500	543	109	533	107	2	56-145/12
75-34-3	1,1-Dichloroethane	ND		500	523	105	510	102	3	70-122/10
75-35-4	1,1-Dichloroethylene	ND		500	545	109	531	106	3	61-137/15
107-06-2	1,2-Dichloroethane	ND		500	497	99	491	98	1	64-124/7
78-87-5	1,2-Dichloropropane	ND		500	494	99	488	98	1	74-123/8
124-48-1	Dibromochloromethane	ND		500	490	98	473	95	4	63-119/9
75-71-8	Dichlorodifluoromethane	ND		500	494	99	496	99	0	35-184/21
156-59-2	cis-1,2-Dichloroethylene	1240		500	1780	108	1730	98	3	74-125/9
10061-01-5	cis-1,3-Dichloropropene	ND		500	454	91	448	90	1	65-112/10
541-73-1	m-Dichlorobenzene	ND		500	489	98	486	97	1	74-114/7
95-50-1	o-Dichlorobenzene	ND		500	493	99	483	97	2	73-114/8
106-46-7	p-Dichlorobenzene	ND		500	472	94	466	93	1	74-112/7
156-60-5	trans-1,2-Dichloroethylene	30.9		500	552	104	548	103	1	70-127/11
10061-02-6	trans-1,3-Dichloropropene	ND		500	484	97	479	96	1	59-116/11
100-41-4	Ethylbenzene	ND		500	498	100	494	99	1	73-119/8
74-83-9	Methyl bromide	ND		500	545	109	532	106	2	52-172/16
74-87-3	Methyl chloride	ND		500	496	99	488	98	2	53-155/19
75-09-2	Methylene chloride	ND		500	483	97	469	94	3	61-129/11
1634-04-4	Methyl Tert Butyl Ether	ND		500	506	101	508	102	0	61-129/9
71-55-6	1,1,1-Trichloroethane	ND		500	532	106	527	105	1	72-133/8
79-34-5	1,1,2,2-Tetrachloroethane	ND		500	462	92	454	91	2	64-120/10
79-00-5	1,1,2-Trichloroethane	ND		500	471	94	473	95	0	72-116/9
127-18-4	Tetrachloroethylene	ND		500	513	103	501	100	2	70-126/9
108-88-3	Toluene	ND		500	482	96	478	96	1	67-123/8
79-01-6	Trichloroethylene	1120		500	1670	110	1640	104	2	73-117/10
75-69-4	Trichlorofluoromethane	ND		500	635	127	614	123	3	52-164/16
75-01-4	Vinyl chloride	167		500	686	104	680	103	1	63-161/18
	m,p-Xylene	ND		1000	1030	103	1010	101	2	74-123/7
95-47-6	o-Xylene	ND		500	535	107	522	104	2	68-123/7

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F39773
Account: STOLCOGJ S M Stoller
Project: Star Center-B100

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
F39773-3MS	B037867.D	20	04/18/06	KW	n/a	n/a	VB1604
F39773-3MSD	B037868.D	20	04/18/06	KW	n/a	n/a	VB1604
F39773-3	B037866.D	20	04/18/06	KW	n/a	n/a	VB1604

The QC reported here applies to the following samples: **Method:** EPA 624

F39773-3

CAS No.	Surrogate Recoveries	MS	MSD	F39773-3	Limits
1868-53-7	Dibromofluoromethane	104%	103%	104%	86-115%
17060-07-0	1,2-Dichloroethane-D4	104%	105%	99%	73-126%
2037-26-5	Toluene-D8	98%	99%	101%	86-112%
460-00-4	4-Bromofluorobenzene	98%	100%	110%	83-119%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F39773
Account: STOLCOGJ S M Stoller
Project: Star Center-B100

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
F39752-1MS	B037729.D	1	04/12/06	KW	n/a	n/a	VB1597
F39752-1MSD	B037730.D	1	04/12/06	KW	n/a	n/a	VB1597
F39752-1	B037728.D	1	04/12/06	KW	n/a	n/a	VB1597

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

F39773-1, F39773-2

CAS No.	Compound	F39752-1 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	ND		25	21.7	87	22.8	91	5	72-125/7
75-27-4	Bromodichloromethane	ND		25	20.8	83	22.2	89	7	72-120/8
75-25-2	Bromoform	ND		25	22.2	89	23.3	93	5	55-127/11
108-90-7	Chlorobenzene	ND		25	22.6	90	23.4	94	3	79-113/7
75-00-3	Chloroethane	ND		25	23.4	94	23.9	96	2	56-164/14
67-66-3	Chloroform	ND		25	22.4	90	23.3	93	4	75-120/8
110-75-8	2-Chloroethyl vinyl ether	ND		125	ND	0*	ND	0*	nc	8-137/18
56-23-5	Carbon tetrachloride	ND		25	22.9	92	24.3	97	6	56-145/12
75-34-3	1,1-Dichloroethane	ND		25	21.9	88	23.1	92	5	70-122/10
75-35-4	1,1-Dichloroethylene	ND		25	20.4	82	21.6	86	6	61-137/15
107-06-2	1,2-Dichloroethane	ND		25	21.5	86	22.6	90	5	64-124/7
78-87-5	1,2-Dichloropropane	ND		25	21.7	87	22.5	90	4	74-123/8
124-48-1	Dibromochloromethane	ND		25	21.7	87	22.7	91	5	63-119/9
75-71-8	Dichlorodifluoromethane	ND		25	27.0	108	29.8	119	10	35-184/21
156-59-2	cis-1,2-Dichloroethylene	ND		25	21.0	84	22.2	89	6	74-125/9
10061-01-5	cis-1,3-Dichloropropene	ND		25	21.7	87	23.0	92	6	65-112/10
541-73-1	m-Dichlorobenzene	ND		25	23.1	92	23.7	95	3	74-114/7
95-50-1	o-Dichlorobenzene	ND		25	22.6	90	23.7	95	5	73-114/8
106-46-7	p-Dichlorobenzene	ND		25	21.9	88	22.8	91	4	74-112/7
156-60-5	trans-1,2-Dichloroethylene	ND		25	21.7	87	23.1	92	6	70-127/11
10061-02-6	trans-1,3-Dichloropropene	ND		25	24.1	96	24.9	100	3	59-116/11
100-41-4	Ethylbenzene	ND		25	22.8	91	23.6	94	3	73-119/8
74-83-9	Methyl bromide	ND		25	24.9	100	26.3	105	5	52-172/16
74-87-3	Methyl chloride	ND		25	23.4	94	25.3	101	8	53-155/19
75-09-2	Methylene chloride	ND		25	19.9	80	21.0	84	5	61-129/11
1634-04-4	Methyl Tert Butyl Ether	ND		25	21.6	86	23.1	92	7	61-129/9
71-55-6	1,1,1-Trichloroethane	ND		25	22.8	91	24.0	96	5	72-133/8
79-34-5	1,1,2,2-Tetrachloroethane	ND		25	20.8	83	21.3	85	2	64-120/10
79-00-5	1,1,2-Trichloroethane	ND		25	21.5	86	22.5	90	5	72-116/9
127-18-4	Tetrachloroethylene	ND		25	23.5	94	24.4	98	4	70-126/9
108-88-3	Toluene	ND		25	21.9	88	22.8	91	4	67-123/8
79-01-6	Trichloroethylene	ND		25	22.1	88	23.6	94	7	73-117/10
75-69-4	Trichlorofluoromethane	ND		25	28.2	113	29.9	120	6	52-164/16
75-01-4	Vinyl chloride	ND		25	24.3	97	26.5	106	9	63-161/18
	m,p-Xylene	ND		50	47.3	95	48.9	98	3	74-123/7
95-47-6	o-Xylene	ND		25	24.3	97	25.1	100	3	68-123/7

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F39773
Account: STOLCOGJ S M Stoller
Project: Star Center-B100

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
F39752-1MS	B037729.D	1	04/12/06	KW	n/a	n/a	VB1597
F39752-1MSD	B037730.D	1	04/12/06	KW	n/a	n/a	VB1597
F39752-1	B037728.D	1	04/12/06	KW	n/a	n/a	VB1597

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

F39773-1, F39773-2

CAS No.	Surrogate Recoveries	MS	MSD	F39752-1	Limits
1868-53-7	Dibromofluoromethane	101%	101%	101%	86-115%
17060-07-0	1,2-Dichloroethane-D4	103%	103%	98%	73-126%
2037-26-5	Toluene-D8	100%	100%	102%	86-112%
460-00-4	4-Bromofluorobenzene	101%	100%	113%	83-119%

GC/MS Semi-volatiles

QC Data Summaries

Includes the following where applicable:

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

Method Blank Summary

Job Number: F39773
Account: STOLCOGJ S M Stoller
Project: Star Center-B100

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP16266-MB	R02067.D	1	04/14/06	MRE	04/11/06	OP16266	SR95

The QC reported here applies to the following samples: **Method:** EPA 625

F39773-4

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic Acid	ND	25	10	ug/l	
95-57-8	2-Chlorophenol	ND	5.0	2.0	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	5.0	2.0	ug/l	
120-83-2	2,4-Dichlorophenol	ND	5.0	2.0	ug/l	
105-67-9	2,4-Dimethylphenol	ND	5.0	2.0	ug/l	
51-28-5	2,4-Dinitrophenol	ND	25	10	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	10	5.0	ug/l	
95-48-7	2-Methylphenol	ND	5.0	2.0	ug/l	
	3&4-Methylphenol	ND	5.0	2.0	ug/l	
88-75-5	2-Nitrophenol	ND	5.0	2.0	ug/l	
100-02-7	4-Nitrophenol	ND	25	10	ug/l	
87-86-5	Pentachlorophenol	ND	25	10	ug/l	
108-95-2	Phenol	ND	5.0	2.0	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	5.0	2.0	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	5.0	2.0	ug/l	
83-32-9	Acenaphthene	ND	5.0	1.0	ug/l	
208-96-8	Acenaphthylene	ND	5.0	1.0	ug/l	
120-12-7	Anthracene	ND	5.0	1.0	ug/l	
56-55-3	Benzo(a)anthracene	ND	5.0	1.0	ug/l	
50-32-8	Benzo(a)pyrene	ND	5.0	1.0	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	5.0	1.0	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	5.0	2.0	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	5.0	1.0	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	5.0	1.0	ug/l	
85-68-7	Butyl benzyl phthalate	ND	5.0	2.0	ug/l	
100-51-6	Benzyl Alcohol	ND	5.0	1.0	ug/l	
91-58-7	2-Chloronaphthalene	ND	5.0	1.0	ug/l	
106-47-8	4-Chloroaniline	ND	10	4.0	ug/l	
86-74-8	Carbazole	ND	5.0	1.0	ug/l	
218-01-9	Chrysene	ND	5.0	1.0	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	5.0	1.0	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	5.0	2.0	ug/l	
108-60-1	bis(2-Chloroisopropyl)ether	ND	5.0	1.0	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	5.0	1.0	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	5.0	1.0	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	5.0	1.0	ug/l	

Method Blank Summary

Job Number: F39773
Account: STOLCOGJ S M Stoller
Project: Star Center-B100

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP16266-MB	R02067.D	1	04/14/06	MRE	04/11/06	OP16266	SR95

The QC reported here applies to the following samples: **Method:** EPA 625

F39773-4

CAS No.	Compound	Result	RL	MDL	Units	Q
106-46-7	1,4-Dichlorobenzene	ND	5.0	1.0	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	5.0	2.0	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	5.0	2.0	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	10	5.0	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	5.0	2.0	ug/l	
132-64-9	Dibenzofuran	ND	5.0	1.0	ug/l	
84-74-2	Di-n-butyl phthalate	ND	5.0	2.0	ug/l	
117-84-0	Di-n-octyl phthalate	ND	5.0	2.5	ug/l	
84-66-2	Diethyl phthalate	ND	5.0	2.0	ug/l	
131-11-3	Dimethyl phthalate	ND	5.0	2.0	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	5.0	2.5	ug/l	
206-44-0	Fluoranthene	ND	5.0	1.0	ug/l	
86-73-7	Fluorene	ND	5.0	1.0	ug/l	
118-74-1	Hexachlorobenzene	ND	5.0	1.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	2.0	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	5.0	2.0	ug/l	
67-72-1	Hexachloroethane	ND	5.0	2.0	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	5.0	2.0	ug/l	
78-59-1	Isophorone	ND	5.0	1.0	ug/l	
91-57-6	2-Methylnaphthalene	ND	5.0	1.0	ug/l	
88-74-4	2-Nitroaniline	ND	10	4.0	ug/l	
99-09-2	3-Nitroaniline	ND	10	4.0	ug/l	
100-01-6	4-Nitroaniline	ND	10	4.0	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
98-95-3	Nitrobenzene	ND	5.0	1.0	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	5.0	2.0	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	5.0	2.0	ug/l	
85-01-8	Phenanthrene	ND	5.0	1.0	ug/l	
129-00-0	Pyrene	ND	5.0	1.0	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	1.0	ug/l	

CAS No.	Surrogate Recoveries		Limits
367-12-4	2-Fluorophenol	39%	19-90%
4165-62-2	Phenol-d5	22%	10-68%

Method Blank Summary

Job Number: F39773
Account: STOLCOGJ S M Stoller
Project: Star Center-B100

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP16266-MB	R02067.D	1	04/14/06	MRE	04/11/06	OP16266	SR95

The QC reported here applies to the following samples: **Method:** EPA 625

F39773-4

CAS No.	Surrogate Recoveries		Limits
118-79-6	2,4,6-Tribromophenol	88%	36-137%
4165-60-0	Nitrobenzene-d5	79%	49-119%
321-60-8	2-Fluorobiphenyl	81%	45-118%
1718-51-0	Terphenyl-d14	93%	46-135%

Blank Spike Summary

Job Number: F39773
Account: STOLCOGJ S M Stoller
Project: Star Center-B100

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP16266-BS	R02066.D	1	04/13/06	MRE	04/11/06	OP16266	SR95

The QC reported here applies to the following samples: **Method:** EPA 625

F39773-4

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
65-85-0	Benzoic Acid	100	31.5	32	8-45
95-57-8	2-Chlorophenol	50	40.6	81	62-103
59-50-7	4-Chloro-3-methyl phenol	50	43.0	86	64-103
120-83-2	2,4-Dichlorophenol	50	46.0	92	59-103
105-67-9	2,4-Dimethylphenol	50	35.0	70	43-94
51-28-5	2,4-Dinitrophenol	100	97.2	97	12-125
534-52-1	4,6-Dinitro-o-cresol	100	105	105	47-119
95-48-7	2-Methylphenol	50	33.3	67	54-91
	3&4-Methylphenol	100	58.4	58	48-86
88-75-5	2-Nitrophenol	50	49.0	98	64-104
100-02-7	4-Nitrophenol	100	31.2	31	22-50
87-86-5	Pentachlorophenol	100	111	111	50-111
108-95-2	Phenol	50	14.4	29	25-53
95-95-4	2,4,5-Trichlorophenol	50	47.7	95	66-104
88-06-2	2,4,6-Trichlorophenol	50	47.5	95	60-103
83-32-9	Acenaphthene	50	45.8	92	62-101
208-96-8	Acenaphthylene	50	46.0	92	65-113
120-12-7	Anthracene	50	47.2	94	69-107
56-55-3	Benzo(a)anthracene	50	47.8	96	68-106
50-32-8	Benzo(a)pyrene	50	46.5	93	70-114
205-99-2	Benzo(b)fluoranthene	50	46.5	93	68-110
191-24-2	Benzo(g,h,i)perylene	50	52.7	105	63-115
207-08-9	Benzo(k)fluoranthene	50	47.8	96	68-112
101-55-3	4-Bromophenyl phenyl ether	50	46.3	93	73-103
85-68-7	Butyl benzyl phthalate	50	45.1	90	69-108
100-51-6	Benzyl Alcohol	50	35.8	72	34-104
91-58-7	2-Chloronaphthalene	50	44.6	89	64-102
106-47-8	4-Chloroaniline	50	44.7	89	57-104
86-74-8	Carbazole	50	48.3	97	69-113
218-01-9	Chrysene	50	48.4	97	68-103
111-91-1	bis(2-Chloroethoxy)methane	50	40.5	81	57-103
111-44-4	bis(2-Chloroethyl)ether	50	44.4	89	64-106
108-60-1	bis(2-Chloroisopropyl)ether	50	36.8	74	52-120
7005-72-3	4-Chlorophenyl phenyl ether	50	45.0	90	71-104
95-50-1	1,2-Dichlorobenzene	50	38.5	77	62-100
541-73-1	1,3-Dichlorobenzene	50	36.8	74	59-99

Blank Spike Summary

Job Number: F39773
Account: STOLCOGJ S M Stoller
Project: Star Center-B100

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP16266-BS	R02066.D	1	04/13/06	MRE	04/11/06	OP16266	SR95

The QC reported here applies to the following samples: **Method:** EPA 625

F39773-4

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
106-46-7	1,4-Dichlorobenzene	50	37.6	75	60-101
121-14-2	2,4-Dinitrotoluene	50	47.8	96	65-111
606-20-2	2,6-Dinitrotoluene	50	44.9	90	77-111
91-94-1	3,3'-Dichlorobenzidine	50	41.5	83	42-110
53-70-3	Dibenzo(a,h)anthracene	50	53.7	107	62-115
132-64-9	Dibenzofuran	50	47.0	94	69-104
84-74-2	Di-n-butyl phthalate	50	44.2	88	68-109
117-84-0	Di-n-octyl phthalate	50	43.5	87	63-120
84-66-2	Diethyl phthalate	50	44.4	89	64-110
131-11-3	Dimethyl phthalate	50	45.4	91	44-120
117-81-7	bis(2-Ethylhexyl)phthalate	50	43.2	86	64-115
206-44-0	Fluoranthene	50	49.2	98	68-111
86-73-7	Fluorene	50	45.7	91	66-105
118-74-1	Hexachlorobenzene	50	46.8	94	69-103
87-68-3	Hexachlorobutadiene	50	38.5	77	55-90
77-47-4	Hexachlorocyclopentadiene	50	30.7	61	26-95
67-72-1	Hexachloroethane	50	35.8	72	59-104
193-39-5	Indeno(1,2,3-cd)pyrene	50	47.2	94	63-118
78-59-1	Isophorone	50	45.8	92	64-107
91-57-6	2-Methylnaphthalene	50	47.5	95	66-100
88-74-4	2-Nitroaniline	50	45.7	91	65-111
99-09-2	3-Nitroaniline	50	45.3	91	61-106
100-01-6	4-Nitroaniline	50	44.9	90	60-113
91-20-3	Naphthalene	50	42.1	84	62-101
98-95-3	Nitrobenzene	50	44.8	90	61-106
621-64-7	N-Nitroso-di-n-propylamine	50	40.5	81	64-109
86-30-6	N-Nitrosodiphenylamine	50	46.3	93	69-114
85-01-8	Phenanthrene	50	47.4	95	68-104
129-00-0	Pyrene	50	51.2	102	64-105
120-82-1	1,2,4-Trichlorobenzene	50	40.7	81	64-101

CAS No.	Surrogate Recoveries	BSP	Limits
367-12-4	2-Fluorophenol	49%	19-90%
4165-62-2	Phenol-d5	27%	10-68%

Blank Spike Summary

Job Number: F39773
Account: STOLCOGJ S M Stoller
Project: Star Center-B100

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP16266-BS	R02066.D	1	04/13/06	MRE	04/11/06	OP16266	SR95

The QC reported here applies to the following samples: **Method:** EPA 625

F39773-4

CAS No.	Surrogate Recoveries	BSP	Limits
118-79-6	2,4,6-Tribromophenol	98%	36-137%
4165-60-0	Nitrobenzene-d5	90%	49-119%
321-60-8	2-Fluorobiphenyl	91%	45-118%
1718-51-0	Terphenyl-d14	94%	46-135%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F39773
Account: STOLCOGJ S M Stoller
Project: Star Center-B100

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP16266-MS	R02069.D	1	04/14/06	MRE	04/11/06	OP16266	SR95
OP16266-MSD	R02070.D	1	04/14/06	MRE	04/11/06	OP16266	SR95
F39773-4	R02068.D	1	04/14/06	MRE	04/11/06	OP16266	SR95

The QC reported here applies to the following samples: **Method:** EPA 625

F39773-4

CAS No.	Compound	F39773-4 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
65-85-0	Benzoic Acid	ND		192	44.6	23	111	58	85*	16-73/41
95-57-8	2-Chlorophenol	ND		96.2	65.8	68	69.8	73	6	53-102/24
59-50-7	4-Chloro-3-methyl phenol	ND		96.2	75.3	78	78.9	82	5	60-101/18
120-83-2	2,4-Dichlorophenol	ND		96.2	73.5	76	76.9	80	5	55-100/24
105-67-9	2,4-Dimethylphenol	ND		96.2	60.9	63	66.7	69	9	36-98/26
51-28-5	2,4-Dinitrophenol	ND		192	158	82	175	91	10	14-135/39
534-52-1	4,6-Dinitro-o-cresol	ND		192	170	88	184	96	8	40-127/24
95-48-7	2-Methylphenol	ND		96.2	59.3	62	65.5	68	10	46-100/23
	3&4-Methylphenol	ND		192	115	60	128	67	11	43-100/23
88-75-5	2-Nitrophenol	ND		96.2	72.5	75	77.7	81	7	53-104/25
100-02-7	4-Nitrophenol	ND		192	90.7	47	102	53	12	32-81/28
87-86-5	Pentachlorophenol	ND		192	183	95	198	103	8	44-118/16
108-95-2	Phenol	ND		96.2	34.7	36	42.2	44	20	31-77/26
95-95-4	2,4,5-Trichlorophenol	ND		96.2	80.1	83	81.6	85	2	61-102/18
88-06-2	2,4,6-Trichlorophenol	ND		96.2	78.9	82	81.4	85	3	55-103/21
83-32-9	Acenaphthene	ND		96.2	76.7	80	77.6	81	1	55-103/20
208-96-8	Acenaphthylene	ND		96.2	76.0	79	77.2	80	2	55-113/20
120-12-7	Anthracene	3.8	J	96.2	81.5	81	84.1	84	3	66-105/14
56-55-3	Benzo(a)anthracene	ND		96.2	80.8	84	84.5	88	4	65-103/16
50-32-8	Benzo(a)pyrene	ND		96.2	78.3	81	81.9	85	4	65-113/16
205-99-2	Benzo(b)fluoranthene	ND		96.2	77.4	80	78.4	82	1	62-110/17
191-24-2	Benzo(g,h,i)perylene	ND		96.2	94.4	98	103	107	9	58-111/17
207-08-9	Benzo(k)fluoranthene	ND		96.2	78.1	81	80.3	84	3	63-110/17
101-55-3	4-Bromophenyl phenyl ether	ND		96.2	75.7	79	80.9	84	7	68-102/16
85-68-7	Butyl benzyl phthalate	ND		96.2	75.9	79	73.5	76	3	65-108/17
100-51-6	Benzyl Alcohol	ND		96.2	65.0	68	71.9	75	10	48-106/24
91-58-7	2-Chloronaphthalene	ND		96.2	72.7	76	74.3	77	2	58-101/22
106-47-8	4-Chloroaniline	ND		96.2	69.3	72	73.1	76	5	39-101/21
86-74-8	Carbazole	1.3	J	96.2	88.6	91	90.5	93	2	66-109/16
218-01-9	Chrysene	ND		96.2	82.0	85	85.9	89	5	65-100/18
111-91-1	bis(2-Chloroethoxy)methane	ND		96.2	64.7	67	64.7	67	0	49-100/24
111-44-4	bis(2-Chloroethyl)ether	ND		96.2	70.5	73	71.3	74	1	54-103/24
108-60-1	bis(2-Chloroisopropyl)ether	ND		96.2	60.2	63	59.6	62	1	49-109/22
7005-72-3	4-Chlorophenyl phenyl ether	ND		96.2	79.4	83	78.0	81	2	65-103/18
95-50-1	1,2-Dichlorobenzene	ND		96.2	68.7	71	69.6	72	1	50-101/22
541-73-1	1,3-Dichlorobenzene	ND		96.2	67.4	70	67.1	70	0	50-100/23

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F39773
Account: STOLCOGJ S M Stoller
Project: Star Center-B100

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP16266-MS	R02069.D	1	04/14/06	MRE	04/11/06	OP16266	SR95
OP16266-MSD	R02070.D	1	04/14/06	MRE	04/11/06	OP16266	SR95
F39773-4	R02068.D	1	04/14/06	MRE	04/11/06	OP16266	SR95

The QC reported here applies to the following samples: **Method:** EPA 625

F39773-4

CAS No.	Compound	F39773-4 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
106-46-7	1,4-Dichlorobenzene	ND		96.2	67.5	70	68.5	71	1	51-101/23
121-14-2	2,4-Dinitrotoluene	ND		96.2	86.1	90	86.1	90	0	60-110/16
606-20-2	2,6-Dinitrotoluene	ND		96.2	74.2	77	76.5	80	3	60-111/19
91-94-1	3,3'-Dichlorobenzidine	ND		96.2	54.3	56	42.1	44	25*	18-112/22
53-70-3	Dibenzo(a,h)anthracene	ND		96.2	90.5	94	102	106	12	57-111/20
132-64-9	Dibenzofuran	ND		96.2	82.6	86	83.0	86	0	64-102/17
84-74-2	Di-n-butyl phthalate	ND		96.2	82.0	85	78.9	82	4	63-107/17
117-84-0	Di-n-octyl phthalate	ND		96.2	67.2	70	53.9	56*	22	58-126/23
84-66-2	Diethyl phthalate	ND		96.2	81.9	85	79.3	82	3	59-110/18
131-11-3	Dimethyl phthalate	ND		96.2	79.4	83	78.6	82	1	40-116/25
117-81-7	bis(2-Ethylhexyl)phthalate	ND		96.2	72.1	75	66.6	69	8	55-120/22
206-44-0	Fluoranthene	ND		96.2	91.4	95	90.3	94	1	62-108/17
86-73-7	Fluorene	ND		96.2	80.2	83	78.8	82	2	60-105/17
118-74-1	Hexachlorobenzene	ND		96.2	77.1	80	83.1	86	7	64-102/16
87-68-3	Hexachlorobutadiene	ND		96.2	72.2	75	69.7	72	4	45-93/26
77-47-4	Hexachlorocyclopentadiene	ND		96.2	48.6	51	52.2	54	7	20-92/34
67-72-1	Hexachloroethane	ND		96.2	67.0	70	67.2	70	0	51-105/26
193-39-5	Indeno(1,2,3-cd)pyrene	ND		96.2	81.5	85	92.5	96	13	61-111/19
78-59-1	Isophorone	ND		96.2	74.3	77	75.4	78	1	59-103/23
91-57-6	2-Methylnaphthalene	ND		96.2	78.4	82	80.4	84	3	56-100/23
88-74-4	2-Nitroaniline	ND		96.2	75.4	78	79.2	82	5	61-107/18
99-09-2	3-Nitroaniline	ND		96.2	79.0	82	72.1	75	9	47-107/26
100-01-6	4-Nitroaniline	ND		96.2	85.1	89	83.2	87	2	48-119/21
91-20-3	Naphthalene	ND		96.2	72.0	75	72.5	75	1	52-102/23
98-95-3	Nitrobenzene	ND		96.2	69.6	72	71.1	74	2	51-103/25
621-64-7	N-Nitroso-di-n-propylamine	ND		96.2	65.9	69	68.4	71	4	57-103/24
86-30-6	N-Nitrosodiphenylamine	ND		96.2	77.7	81	82.6	86	6	62-112/16
85-01-8	Phenanthrene	ND		96.2	81.8	85	85.0	88	4	64-103/15
129-00-0	Pyrene	ND		96.2	78.0	81	81.5	85	4	59-107/21
120-82-1	1,2,4-Trichlorobenzene	ND		96.2	70.8	74	71.6	74	1	54-102/24

CAS No.	Surrogate Recoveries	MS	MSD	F39773-4	Limits
367-12-4	2-Fluorophenol	55%	62%	30%	19-90%
4165-62-2	Phenol-d5	35%	43%	16%	10-68%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F39773
Account: STOLCOGJ S M Stoller
Project: Star Center-B100

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP16266-MS	R02069.D	1	04/14/06	MRE	04/11/06	OP16266	SR95
OP16266-MSD	R02070.D	1	04/14/06	MRE	04/11/06	OP16266	SR95
F39773-4	R02068.D	1	04/14/06	MRE	04/11/06	OP16266	SR95

The QC reported here applies to the following samples: **Method:** EPA 625

F39773-4

CAS No.	Surrogate Recoveries	MS	MSD	F39773-4	Limits
118-79-6	2,4,6-Tribromophenol	88%	93%	74%	36-137%
4165-60-0	Nitrobenzene-d5	74%	75%	64%	49-119%
321-60-8	2-Fluorobiphenyl	78%	78%	69%	45-118%
1718-51-0	Terphenyl-d14	80%	80%	70%	46-135%

Metals Analysis

QC Data Summaries

Includes the following where applicable:

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

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: F39773
Account: STOLCOGJ - S M Stoller
Project: Star Center-B100

QC Batch ID: MP9442
Matrix Type: AQUEOUS

Methods: SW846 6010B
Units: ug/l

Prep Date: 04/06/06

Metal	RL	IDL	MB raw	final
Aluminum	200	6.6		
Antimony	5.0	1.5		
Arsenic	10	2.8	anr	
Barium	200	.5		
Beryllium	4.0	.3		
Cadmium	5.0	.3		
Calcium	1000	3.8		
Chromium	10	.4		
Cobalt	50	.5		
Copper	25	.4		
Iron	300	7.1	-4.3	<300
Lead	10	1.2	anr	
Magnesium	5000	9.9		
Manganese	15	.2	anr	
Molybdenum	50	.8		
Nickel	40	1.1		
Potassium	5000	14		
Selenium	10	2		
Silver	10	.6		
Sodium	5000	150		
Thallium	10	1.5		
Tin	50	1.5		
Vanadium	50	.5		
Zinc	20	.6		

Associated samples MP9442: F39773-3, F39773-4

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

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: F39773
Account: STOLCOGJ - S M Stoller
Project: Star Center-B100

QC Batch ID: MP9442
Matrix Type: AQUEOUS

Methods: SW846 6010B
Units: ug/l

Prep Date:			04/06/06					04/06/06	
Metal	F39739-1A Original	DUP	RPD	QC Limits	F39739-1A Original	MS	Spikelot MPFLICP1	% Rec	QC Limits
Aluminum									
Antimony									
Arsenic	anr								
Barium									
Beryllium									
Cadmium									
Calcium									
Chromium									
Cobalt									
Copper									
Iron	3240	3100	4.4	0-20	3240	32000	26000	110.6	80-120
Lead	anr								
Magnesium									
Manganese	anr								
Molybdenum									
Nickel									
Potassium									
Selenium									
Silver									
Sodium									
Thallium									
Tin									
Vanadium									
Zinc									

Associated samples MP9442: F39773-3, F39773-4

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

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: F39773
Account: STOLCOGJ - S M Stoller
Project: Star Center-B100

QC Batch ID: MP9442 | Methods: SW846 6010B
Matrix Type: AQUEOUS | Units: ug/l

Prep Date: 04/06/06

Metal	F39739-1A Original	MSD	Spikelot MPFLICP1	% Rec	MSD RPD	QC Limit
Aluminum						
Antimony						
Arsenic	anr					
Barium						
Beryllium						
Cadmium						
Calcium						
Chromium						
Cobalt						
Copper						
Iron	3240	31800	26000	109.8	0.6	20
Lead	anr					
Magnesium						
Manganese	anr					
Molybdenum						
Nickel						
Potassium						
Selenium						
Silver						
Sodium						
Thallium						
Tin						
Vanadium						
Zinc						

Associated samples MP9442: F39773-3, F39773-4

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

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: F39773
Account: STOLCOGJ - S M Stoller
Project: Star Center-B100

QC Batch ID: MP9442
Matrix Type: AQUEOUS

Methods: SW846 6010B
Units: ug/l

Prep Date: 04/06/06

Metal	BSP Result	Spikelot MPFLICP1	% Rec	QC Limits
Aluminum				
Antimony				
Arsenic	anr			
Barium				
Beryllium				
Cadmium				
Calcium				
Chromium				
Cobalt				
Copper				
Iron	28600	26000	110.0	80-120
Lead	anr			
Magnesium				
Manganese	anr			
Molybdenum				
Nickel				
Potassium				
Selenium				
Silver				
Sodium				
Thallium				
Tin				
Vanadium				
Zinc				

Associated samples MP9442: F39773-3, F39773-4

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

SERIAL DILUTION RESULTS SUMMARY

Login Number: F39773
Account: STOLCOGJ - S M Stoller
Project: Star Center-B100

QC Batch ID: MP9442
Matrix Type: AQUEOUS

Methods: SW846 6010B
Units: ug/l

Prep Date: 04/06/06

Metal	F39739-1A Original	SDL 1:5	RPD	QC Limits
Aluminum				
Antimony				
Arsenic	anr			
Barium				
Beryllium				
Cadmium				
Calcium				
Chromium				
Cobalt				
Copper				
Iron	3240	3120	3.5	0-10
Lead	anr			
Magnesium				
Manganese	anr			
Molybdenum				
Nickel				
Potassium				
Selenium				
Silver				
Sodium				
Thallium				
Tin				
Vanadium				
Zinc				

Associated samples MP9442: F39773-3, F39773-4

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

Southeast ACCUTEST Laboratories

IT'S ALL IN THE CHEMISTRY

06/22/06

Technical Report for

S M Stoller

Star Center-B100

110406202

Accutest Job Number: F40533

Sampling Date: 05/03/06

Report to:

S M Stoller

Charles.Tabor@gjo.doe.gov

ATTN: Charles Tabor

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

ACCUTEST LABORATORIES 50 YEARS 1956-2006

ACCREDITED IN ACCORDANCE WITH nelac

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

Harry Behzadi, Ph.D.
Laboratory Director

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

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Accutest LabLink@50678 12:25 22-Jun-2006

Sample Summary

S M Stoller

Job No: F40533

Star Center-B100
Project No: 110406202

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
F40533-1	05/03/06	10:35	JPC	05/04/06	AQ	Ground Water	PIN12-RW01-N001
F40533-2	05/03/06	10:38	JPC	05/04/06	AQ	Ground Water	PIN12-RW02-N001
F40533-3	05/03/06	11:05	JPC	05/04/06	AQ	Ground Water	PIN12-TRTI-N001
F40533-4	05/03/06	11:10	JPC	05/04/06	AQ	Ground Water	PIN12-TRTE-N001

SAMPLE DELIVERY GROUP CASE NARRATIVE

Client: S M Stoller **Job No:** F40533

Site: Star Center-B100 **Report Date** 5/22/2006

4 Samples were collected on 05/03/2006 and were received at Accutest on 05/04/2006 properly preserved, at 2.8 Deg. C and intact. These Samples received an Accutest job number of F40533. 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:** VC1652

Samples F40509-2MS, F40509-2MSD were used as the QC samples indicated.

All method blanks for this batch meet method specific criteria.
F40533-4: Sample was treated with an anti-foaming agent.

Volatiles by GCMS By Method SW846 8260B

Matrix: AQ **Batch ID:** VB1632

Samples F40533-2MS, F40533-2MSD were used as the QC samples indicated.

RPDs for MSD for 1,2-Dichloroethane, 1,2-Dichloropropane, 2-Chloroethyl vinyl ether, Benzene are outside control limits for sample F40533-2MSD. The Blank Spike is within limits.

Extractables by GCMS By Method EPA 625

Matrix: AQ **Batch ID:** OP16551

All method blanks for this batch meet method specific criteria.

Samples F40533-4MS, F40533-4MSD were used as the QC samples indicated.

Metals By Method SW846 6010B

Matrix: AQ **Batch ID:** MP9583

All method blanks for this batch meet method specific criteria.

Samples F40564-1DUP, F40564-1MS, F40564-1MSD, F40564-1SDL were used as the QC samples for metals.

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

Date: May 23, 2006

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

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	PIN12-RW01-N001		
Lab Sample ID:	F40533-1	**Date Sampled:**	05/03/06
Matrix:	AQ - Ground Water	**Date Received:**	05/04/06
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Star Center-B100		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	B038494.D	100	05/12/06	KW	n/a	n/a	VB1632
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	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	200	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	2320	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	200	100	ug/l	
74-87-3	Methyl chloride	ND	200	100	ug/l	
75-09-2	Methylene chloride	ND	500	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	40	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	4220	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:	F40533-1	**Date Sampled:**	05/03/06
Matrix:	AQ - Ground Water	**Date Received:**	05/04/06
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	200	50	ug/l	
75-01-4	Vinyl chloride	658	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	104%		86-115%
17060-07-0	1,2-Dichloroethane-D4	93%		73-126%
2037-26-5	Toluene-D8	102%		86-112%
460-00-4	4-Bromofluorobenzene	110%		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:	F40533-2	**Date Sampled:**	05/03/06
Matrix:	AQ - Ground Water	**Date Received:**	05/04/06
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Star Center-B100		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	B038495.D	10	05/12/06	KW	n/a	n/a	VB1632
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	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	20	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	13.3	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	492	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	36.0	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	20	10	ug/l	
74-87-3	Methyl chloride	ND	20	10	ug/l	
75-09-2	Methylene chloride	ND	50	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	4.0	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	263	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:	F40533-2	**Date Sampled:**	05/03/06
Matrix:	AQ - Ground Water	**Date Received:**	05/04/06
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	20	5.0	ug/l	
75-01-4	Vinyl chloride	69.0	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	103%		86-115%
17060-07-0	1,2-Dichloroethane-D4	91%		73-126%
2037-26-5	Toluene-D8	101%		86-112%
460-00-4	4-Bromofluorobenzene	108%		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:	F40533-3	**Date Sampled:**	05/03/06
Matrix:	AQ - Ground Water	**Date Received:**	05/04/06
Method:	EPA 624	**Percent Solids:**	n/a
Project:	Star Center-B100		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	C0040767.D	20	05/11/06	KW	n/a	n/a	VC1652
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	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	40	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	16.3	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	1390	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	36.1	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	40	20	ug/l	
74-87-3	Methyl chloride	ND	40	20	ug/l	
75-09-2	Methylene chloride	ND	100	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	8.0	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	1220	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:	F40533-3	**Date Sampled:**	05/03/06
Matrix:	AQ - Ground Water	**Date Received:**	05/04/06
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	40	10	ug/l	
75-01-4	Vinyl chloride	185	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	102%		86-115%
17060-07-0	1,2-Dichloroethane-D4	94%		73-126%
2037-26-5	Toluene-D8	102%		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		
Lab Sample ID:	F40533-3	**Date Sampled:**	05/03/06
Matrix:	AQ - Ground Water	**Date Received:**	05/04/06
		Percent Solids:	n/a
Project:	Star Center-B100		

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Iron	5100	300	15	ug/l	1	05/08/06	05/08/06	RS	SW846 6010B [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA4957
(2) Prep QC Batch: MP9583

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		
Lab Sample ID:	F40533-3	**Date Sampled:**	05/03/06
Matrix:	AQ - Ground Water	**Date Received:**	05/04/06
		Percent Solids:	n/a
Project:	Star Center-B100		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Hardness, Total as CaCO3	374	4.0	mg/l	1	05/15/06	DM	SW846 6010B/SM 2340B

RL = Reporting Limit

Report of Analysis

Client Sample ID:	PIN12-TRTE-N001		
Lab Sample ID:	F40533-4	**Date Sampled:**	05/03/06
Matrix:	AQ - Ground Water	**Date Received:**	05/04/06
Method:	EPA 624	**Percent Solids:**	n/a
Project:	Star Center-B100		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	C0040768.D	1	05/11/06	KW	n/a	n/a	VC1652
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.50	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.50	ug/l	
75-25-2	Bromoform	ND	1.0	0.50	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.50	ug/l	
75-00-3	Chloroethane	ND	2.0	1.0	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
110-75-8	2-Chloroethyl vinyl ether	ND	5.0	2.5	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.50	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.50	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.50	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.50	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.50	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.40	ug/l	
75-71-8	Dichlorodifluoromethane	ND	1.0	0.50	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	1.0	0.50	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.30	ug/l	
541-73-1	m-Dichlorobenzene	ND	1.0	0.50	ug/l	
95-50-1	o-Dichlorobenzene	ND	1.0	0.50	ug/l	
106-46-7	p-Dichlorobenzene	ND	1.0	0.50	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.50	ug/l	
74-83-9	Methyl bromide	ND	2.0	1.0	ug/l	
74-87-3	Methyl chloride	ND	2.0	1.0	ug/l	
75-09-2	Methylene chloride	ND	5.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.50	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.40	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:	F40533-4	**Date Sampled:**	05/03/06
Matrix:	AQ - Ground Water	**Date Received:**	05/04/06
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	2.0	0.50	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	100%		86-115%
17060-07-0	1,2-Dichloroethane-D4	92%		73-126%
2037-26-5	Toluene-D8	101%		86-112%
460-00-4	4-Bromofluorobenzene	100%		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:	F40533-4	**Date Sampled:**	05/03/06
Matrix:	AQ - Ground Water	**Date Received:**	05/04/06
Method:	EPA 625 EPA 625	**Percent Solids:**	n/a
Project:	Star Center-B100		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	R02921.D	1	05/19/06	MRE	05/10/06	OP16551	SR136
Run #2							

	Initial Volume	Final Volume
Run #1	970 ml	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic Acid	ND	26	10	ug/l	
95-57-8	2-Chlorophenol	ND	5.2	2.1	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	5.2	2.1	ug/l	
120-83-2	2,4-Dichlorophenol	ND	5.2	2.1	ug/l	
105-67-9	2,4-Dimethylphenol	ND	5.2	2.1	ug/l	
51-28-5	2,4-Dinitrophenol	ND	26	10	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	10	5.2	ug/l	
95-48-7	2-Methylphenol	ND	5.2	2.1	ug/l	
	3&4-Methylphenol	ND	5.2	2.1	ug/l	
88-75-5	2-Nitrophenol	ND	5.2	2.1	ug/l	
100-02-7	4-Nitrophenol	ND	26	10	ug/l	
87-86-5	Pentachlorophenol	ND	26	10	ug/l	
108-95-2	Phenol	ND	5.2	2.1	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	5.2	2.1	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	5.2	2.1	ug/l	
83-32-9	Acenaphthene	ND	5.2	1.0	ug/l	
208-96-8	Acenaphthylene	ND	5.2	1.0	ug/l	
120-12-7	Anthracene	ND	5.2	1.0	ug/l	
56-55-3	Benzo(a)anthracene	ND	5.2	1.0	ug/l	
50-32-8	Benzo(a)pyrene	ND	5.2	1.0	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	5.2	1.0	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	5.2	2.1	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	5.2	1.0	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	5.2	1.0	ug/l	
85-68-7	Butyl benzyl phthalate	ND	5.2	2.1	ug/l	
100-51-6	Benzyl Alcohol	ND	5.2	1.0	ug/l	
91-58-7	2-Chloronaphthalene	ND	5.2	1.0	ug/l	
106-47-8	4-Chloroaniline	ND	10	4.1	ug/l	
86-74-8	Carbazole	ND	5.2	1.0	ug/l	
218-01-9	Chrysene	ND	5.2	1.0	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	5.2	1.0	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	5.2	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		
Lab Sample ID:	F40533-4	**Date Sampled:**	05/03/06
Matrix:	AQ - Ground Water	**Date Received:**	05/04/06
Method:	EPA 625 EPA 625	**Percent Solids:**	n/a
Project:	Star Center-B100		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
108-60-1	bis(2-Chloroisopropyl)ether	ND	5.2	1.0	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	5.2	1.0	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	5.2	1.0	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	5.2	1.0	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	5.2	1.0	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	5.2	2.1	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	5.2	2.1	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	10	5.2	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	5.2	2.1	ug/l	
132-64-9	Dibenzofuran	ND	5.2	1.0	ug/l	
84-74-2	Di-n-butyl phthalate	ND	5.2	2.1	ug/l	
117-84-0	Di-n-octyl phthalate	ND	5.2	2.6	ug/l	
84-66-2	Diethyl phthalate	ND	5.2	2.1	ug/l	
131-11-3	Dimethyl phthalate	ND	5.2	2.1	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	5.2	2.6	ug/l	
206-44-0	Fluoranthene	ND	5.2	1.0	ug/l	
86-73-7	Fluorene	ND	5.2	1.0	ug/l	
118-74-1	Hexachlorobenzene	ND	5.2	1.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.2	2.1	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	5.2	2.1	ug/l	
67-72-1	Hexachloroethane	ND	5.2	2.1	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	5.2	2.1	ug/l	
78-59-1	Isophorone	ND	5.2	1.0	ug/l	
91-57-6	2-Methylnaphthalene	ND	5.2	1.0	ug/l	
88-74-4	2-Nitroaniline	ND	10	4.1	ug/l	
99-09-2	3-Nitroaniline	ND	10	4.1	ug/l	
100-01-6	4-Nitroaniline	ND	10	4.1	ug/l	
91-20-3	Naphthalene	ND	5.2	1.0	ug/l	
98-95-3	Nitrobenzene	ND	5.2	1.0	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	5.2	2.1	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	5.2	2.1	ug/l	
85-01-8	Phenanthrene	ND	5.2	1.0	ug/l	
129-00-0	Pyrene	ND	5.2	1.0	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.2	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	39%		19-90%
4165-62-2	Phenol-d5	25%		10-68%
118-79-6	2,4,6-Tribromophenol	80%		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:	F40533-4	**Date Sampled:**	05/03/06
Matrix:	AQ - Ground Water	**Date Received:**	05/04/06
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	66%		49-119%
321-60-8	2-Fluorobiphenyl	73%		45-118%
1718-51-0	Terphenyl-d14	77%		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		
Lab Sample ID:	F40533-4	**Date Sampled:**	05/03/06
Matrix:	AQ - Ground Water	**Date Received:**	05/04/06
		Percent Solids:	n/a
Project:	Star Center-B100		

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Iron	5030	300	15	ug/l	1	05/08/06	05/08/06	RS	SW846 6010B [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA4957
(2) Prep QC Batch: MP9583

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		
Lab Sample ID:	F40533-4	**Date Sampled:**	05/03/06
Matrix:	AQ - Ground Water	**Date Received:**	05/04/06
		Percent Solids:	n/a
Project:	Star Center-B100		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Hardness, Total as CaCO3	366	4.0	mg/l	1	05/15/06	DM	SW846 6010B/SM 2340B

RL = Reporting Limit

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

ACCUTEST Laboratories

CHAIN OF CUSTODY

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

ACCUTEST JOB #: F40533
ACCUTEST QUOTE #:

CLIENT INFORMATION

NAME: S.M. Stoller
ADDRESS: 7887 Bryan Dairy Rd, Ste. 260
CITY: Largo STATE: FL ZIP: 33777
SEND REPORT TO:
PHONE #:

FACILITY INFORMATION

PROJECT NAME: STAR Center - Monthly sampling
LOCATION: B100
PROJECT NO.: 7031-877
FAX #:

ANALYTICAL INFORMATION

MATRIX CODES

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 DATE	COLLECTION TIME	SAMPLED BY:	MATRIX	# OF BOTTLES	PRESERVATION HCl	PRESERVATION NaOH	PRESERVATION HNO3	PRESERVATION H2SO4	PRESERVATION NONE	VOCs - 8260	VOCs - 624	SVOCs - 625	Fe + Hardness	LAB USE ONLY
1	PIN12-RW01-N001	5-3-06	1035	JPC	GW	3	3					3				
2	PIN12-RW02-N001	↓	1038	↓	↓	3	3					3				
3	PIN12-TRTI-N001	↓	1105	↓	↓	4	3	1					3		1	
4	PIN12-TRTE-N001	↓	1110	↓	↓	6	3	1		2			3	2	1	

DATA TURNAROUND INFORMATION

- ☑ STANDARD
- ☐ 48 HOUR RUSH
- ☐ 24 HOUR EMERGENCY
- ☐ OTHER

APPROVED BY:

EMERGENCY OR RUSH IS FAX DATA UNLESS PREVIOUSLY APPROVED

DATA DELIVERABLE INFORMATION

- ☑ STANDARD
- ☐ COMMERCIAL "B"
- ☐ DISK DELIVERABLE
- ☐ STATE FORMS
- ☐ OTHER (SPECIFY)

COMMENTS/REMARKS

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESION, INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER:	DATE TIME:	RECEIVED BY:	RELINQUISHED BY:	DATE TIME:	RECEIVED BY:
1. J.P. Cu 5-3-06		2. (Accutest) 5/4/06 15:00	2. (Accutest)	5-5-06 8:00	2. Stevan Creamer
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 ☐	ON ICE ☐ TEMPERATURE 2.3 C

4.1
4

F40533: Chain of Custody
Page 1 of 2

ACCUTEST LABORATORIES SAMPLE RECEIPT CONFIRMATION

ACCUTEST'S JOB NUMBER: F40533 CLIENT: S.M. Stoller PROJECT: Star Center

DATE/TIME RECEIVED: 5-5-06/8:00 # OF COOLERS RECEIVED: 1 COOLER TEMPS: 2.4

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

AIRBILL NUMBERS:

COOLER INFORMATION

- [ ] CUSTODY SEAL NOT PRESENT OR NOT INTACT
- [ ] CHAIN OF CUSTODY NOT RECEIVED (COC)
- [ ] ANALYSIS REQUESTED IS UNCLEAR OR MISSING
- [ ] SAMPLE DATES OR TIMES UNCLEAR OR MISSING
- [ ] TEMPERATURE CRITERIA NOT MET

TRIP BLANK INFORMATION

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

MISC. INFORMATION

NUMBER OF ENCORES ? Ø

NUMBER OF 5035 FIELD KITS ? Ø

NUMBER OR LAB FILTERED METALS ? Ø

SAMPLE INFORMATION

- [ ] SAMPLE LABELS PRESENT ON ALL BOTTLES
- [ ] CORRECT NUMBER OF CONTAINERS USED
- [ ] SAMPLE RECEIVED IMPROPERLY PRESERVED
- [ ] INSUFFICIENT VOLUME FOR ANALYSIS
- [ ] TIMES ON COC DON'T MATCH LABEL
- [ ] ID'S ON COC DON'T MATCH LABEL
- [ ] VOC VIALS HAVE HEADSPACE (MACRO BUBBLES)
- [ ] BOTTLES RECEIVED BUT ANALYSIS NOT REQUESTED
- [ ] NO BOTTLES RECEIVED FOR ANALYSIS REQUESTED
- [ ] UNCLEAR FILTERING INSTRUCTIONS
- [ ] UNCLEAR COMPOSITING INSTRUCTIONS
- [ ] SAMPLE CONTAINER(S) RECEIVED BROKEN
- [ ] % SOLIDS JAR NOT RECEIVED
- [ ] 5035 FIELD KIT FROZEN WITHIN 48 HOUR'S

SUMMARY OF COMMENTS:

TECHNICIAN SIGNATURE/DATE Steven Cocom/5-5-06 TECHNICIAN SIGNATURE/DATE

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F40533: Chain of Custody

Page 2 of 2

Southeast ACCUTEST Laboratories

IT'S ALL IN THE CHEMISTRY

06/22/06

Technical Report for

S M Stoller

Star Center-B100 Monthly/Effluent; Largo, FL

110406202

Accutest Job Number: F40534

Sampling Date: 05/03/06

Report to:

S M Stoller

Charles.Tabor@gjo.doe.gov

ATTN: Charles Tabor

Total number of pages in report: **9**

ACCUTEST LABORATORIES 50 YEARS 1956-2006

ACCREDITED IN ACCORDANCE WITH nelac

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

Harry Behzadi, Ph.D.
Laboratory Director

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

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Accutest LabLink@50678 12:26 22-Jun-2006

Sample Summary

S M Stoller

Job No: F40534

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

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
F40534-1	05/03/06	11:12	JPC	05/04/06	AQ	Ground Water	PIN12-TRTE-N002*B100

SAMPLE DELIVERY GROUP CASE NARRATIVE

Client: S M Stoller **Job No:** F40534

Site: Star Center-B100 Monthly/Effluent; Largo, FL **Report Date** 5/17/2006

1 Sample was collected on 05/03/2006 and was received at Accutest on 05/04/2006 properly preserved, at 2.6 Deg. C and intact. The Sample received an Accutest job number of F40534. 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:** VC1652

All method blanks for this batch meet method specific criteria.

Samples F40509-2MS, F40509-2MSD were used as the QC samples indicated.

F40534-1: 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 QualityObjectives for precision, accuracy and completeness as specified in the ALSE Quality Manual except as noted above. This report is to be used in its entirety. ALSE is not responsible for any assumptions of data quality if partial data packages are used.

Narrative prepared by:

_____ Date: May 18, 2006

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

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	PIN12-TRTE-N002*B100		
Lab Sample ID:	F40534-1	**Date Sampled:**	05/03/06
Matrix:	AQ - Ground Water	**Date Received:**	05/04/06
Method:	EPA 624	**Percent Solids:**	n/a
Project:	Star Center-B100 Monthly/Effluent; Largo, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	C0040769.D	1	05/11/06	KW	n/a	n/a	VC1652
Run #2							

	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	99%		86-115%
17060-07-0	1,2-Dichloroethane-D4	92%		73-126%
2037-26-5	Toluene-D8	103%		86-112%
460-00-4	4-Bromofluorobenzene	103%		83-119%

(a) Sample collected on 05/03/06 at 11:12.
(b) 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

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

ACCUTEST Laboratories

CHAIN OF CUSTODY

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

ACCUTEST JOB #: F40534
ACCUTEST QUOTE #:

CLIENT INFORMATION

NAME: S.M. Stoller
ADDRESS: 7887 Bryan Dairy Rd, Suite 260
CITY, STATE, ZIP: Largo FL 33777
SEND REPORT TO:
PHONE #:

FACILITY INFORMATION

PROJECT NAME: STAR Center - Monthly effluent sample
LOCATION: B100
PROJECT NO.: 7031-877
FAX #:

ANALYTICAL INFORMATION

BTEX Total VOAs (by 624)

MATRIX CODES

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 DATE	COLLECTION TIME	SAMPLED BY:	MATRIX	# OF BOTTLES	PRESERVATION HCl	HNO3	H2SO4	NONE	BTEX Total VOAs (by 624)	LAB USE ONLY
1	PIN12-TRTE-N002 * B100	5-3-06	1112	JPC	GW	3	3				3	

DATA TURNAROUND INFORMATION

- [x] STANDARD
- [ ] 48 HOUR RUSH
- [ ] 24 HOUR EMERGENCY
- [ ] OTHER

APPROVED BY:

EMERGENCY OR RUSH IS FAX DATA UNLESS PREVIOUSLY APPROVED

DATA DELIVERABLE INFORMATION

- [x] STANDARD
- [ ] COMMERCIAL "B"
- [ ] DISK DELIVERABLE
- [ ] STATE FORMS
- [ ] OTHER (SPECIFY)

COMMENTS/REMARKS

Benzene, Xylenes, Toluene, Total VOAs, Ethylbenzene

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESION, INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER:	DATE TIME:	RECEIVED BY:	RELINQUISHED BY:	DATE TIME:	RECEIVED BY:
1. [signature]	5-3-06	1. [signature] (accutest) 5/4/06 1300	2. [signature] (accutest)	5-5-06 1300	2. [signature] Courier
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 ☐	ON ICE ☐ TEMPERATURE 2.6 C

F40534: Chain of Custody
Page 1 of 2

ACCUTEST LABORATORIES SAMPLE RECEIPT CONFIRMATION

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DATE/TIME RECEIVED: 5-5-06/8:00 # OF COOLERS RECEIVED: 1 COOLER TEMPS: 2.6

METHOD OF DELIVERY: FEDEX UPS ACCUTEST COURIER GREYHOUND DELIVERY OTHER

AIRBILL NUMBERS:

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4.1

4

F40534: Chain of Custody

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