Southeast ACCUTEST Laboratories

IT'S ALL IN THE CHEMISTRY

06/19/06

Technical Report for

S M Stoller

Star Center-B100

110406202 7031-877

Accutest Job Number: F41217

Sampling Date: 06/02/06

Report to:

US Dept of Energy, Grand Jct Office
2597 B3/4 Road
Grand Junction, CO 81503

ATTN: Contracts Department, PO# 24231 x

Total number of pages in report: 55

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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 Laboratories

Sample Summary

S M Stoller

Job No: F41217

Star Center-B100
Project No: 110406202 7031-877

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
F41217-1	06/02/06	10:48	JPC	06/02/06	AQ	Ground Water	PIN12-RW01-N001
F41217-2	06/02/06	10:50	JPC	06/02/06	AQ	Ground Water	PIN12-RW02-N001
F41217-3	06/02/06	11:00	JPC	06/02/06	AQ	Ground Water	PIN12-TRTI-N001
F41217-4	06/02/06	11:05	JPC	06/02/06	AQ	Ground Water	PIN12-TRTE-N001

SAMPLE DELIVERY GROUP CASE NARRATIVE

Client: S M Stoller **Job No:** F41217

Site: Star Center-B100 **Report Date** 6/19/2006

4 Samples were collected on 06/02/2006 and were received at Accutest on 06/02/2006 properly preserved, at 2.6 Deg. C and intact. These Samples received an Accutest job number of F41217. 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:** VB1654

Samples F41184-6MS, F41184-6MSD were used as the QC samples indicated.

All method blanks for this batch meet method specific criteria.

F41217-4: Sample was treated with an anti-foaming agent.

Matrix: AQ **Batch ID:** VC1675

Samples F41253-3MS, F41253-3MSD 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:** VC1677

Samples F41217-2MS, F41217-2MSD were used as the QC samples indicated.

All method blanks for this batch meet method specific criteria.

Samples F41217-1, F41217-2 have compound(s) reported with a “B” qualifier, indicating analyte is found in the associated method blank. F41217-2 for Methylene chloride: Suspected laboratory contaminant. F41217-1 for Methylene chloride: Suspected laboratory contaminant.

RPD for MSD for 2-Chloroethyl vinyl ether are outside control limits for sample F41217-2MSD. Blank Spike within limits.

Extractables by GCMS By Method EPA 625

Matrix: AQ **Batch ID:** OP16815

Samples F41132-4MS, F41132-4MSD 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:** MP9725

All method blanks for this batch meet method specific criteria.

Samples F41245-1DUP, F41245-1MS, F41245-1MSD, F41245-1SDL 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: June 19, 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:	F41217-1	**Date Sampled:**	06/02/06
Matrix:	AQ - Ground Water	**Date Received:**	06/02/06
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Star Center-B100		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	C0041483.D	100	06/13/06	KW	n/a	n/a	VC1677
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	2500	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	58.2	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 [a]	258	500	100	ug/l	JB
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	4610	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:	F41217-1	**Date Sampled:**	06/02/06
Matrix:	AQ - Ground Water	**Date Received:**	06/02/06
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	682	100	50	ug/l	
	m,p-Xylene	ND	200	50	ug/l	
95-47-6	o-Xylene	ND	100	50	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	95%		86-115%
17060-07-0	1,2-Dichloroethane-D4	93%		73-126%
2037-26-5	Toluene-D8	102%		86-112%
460-00-4	4-Bromofluorobenzene	106%		83-119%

(a) Suspected laboratory contaminant.

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:	F41217-2	**Date Sampled:**	06/02/06
Matrix:	AQ - Ground Water	**Date Received:**	06/02/06
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Star Center-B100		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	C0041484.D	10	06/13/06	KW	n/a	n/a	VC1677
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	7.1	10	5.0	ug/l	J
75-35-4	1,1-Dichloroethylene	16.2	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	558	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	46.7	10	5.0	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	10	3.0	ug/l	
100-41-4	Ethylbenzene	ND	10	5.0	ug/l	
74-83-9	Methyl bromide	ND	20	10	ug/l	
74-87-3	Methyl chloride	ND	20	10	ug/l	
75-09-2	Methylene chloride [a]	24.3	50	10	ug/l	JB
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	272	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:	F41217-2	**Date Sampled:**	06/02/06
Matrix:	AQ - Ground Water	**Date Received:**	06/02/06
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	82.3	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	94%		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%

(a) Suspected laboratory contaminant.

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:	F41217-3	**Date Sampled:**	06/02/06
Matrix:	AQ - Ground Water	**Date Received:**	06/02/06
Method:	EPA 624	**Percent Solids:**	n/a
Project:	Star Center-B100		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	B039017.D	20	06/08/06	KW	n/a	n/a	VB1654
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	20.4	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	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	46.5	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	1390	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:	F41217-3	**Date Sampled:**	06/02/06
Matrix:	AQ - Ground Water	**Date Received:**	06/02/06
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	249	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	101%		86-115%
17060-07-0	1,2-Dichloroethane-D4	93%		73-126%
2037-26-5	Toluene-D8	101%		86-112%
460-00-4	4-Bromofluorobenzene	109%		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:	F41217-3	**Date Sampled:**	06/02/06
Matrix:	AQ - Ground Water	**Date Received:**	06/02/06
		Percent Solids:	n/a
Project:	Star Center-B100		

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Iron	5230	300	15	ug/l	1	06/07/06	06/07/06	RS	SW846 6010B [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA5019
(2) Prep QC Batch: MP9725

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:	F41217-3	**Date Sampled:**	06/02/06
Matrix:	AQ - Ground Water	**Date Received:**	06/02/06
		Percent Solids:	n/a
Project:	Star Center-B100		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Hardness, Total as CaCO3	384	4.0	mg/l	1	06/19/06	DM	SW846 6010B/SM 2340B

RL = Reporting Limit

Report of Analysis

Client Sample ID:	PIN12-TRTE-N001		
Lab Sample ID:	F41217-4	**Date Sampled:**	06/02/06
Matrix:	AQ - Ground Water	**Date Received:**	06/02/06
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]	B039018.D	1	06/08/06	KW	n/a	n/a	VB1654
Run #2	C0041425.D	10	06/08/06	KW	n/a	n/a	VC1675

	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	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	0.68	1.0	0.50	ug/l	J
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	2.9	1.0	0.50	ug/l	
75-35-4	1,1-Dichloroethylene	5.8	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	815 [b]	10	5.0	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	20.5	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	0.73	1.0	0.50	ug/l	J
108-88-3	Toluene	ND	1.0	0.50	ug/l	
79-01-6	Trichloroethylene	602 [b]	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-TRTE-N001		
Lab Sample ID:	F41217-4	**Date Sampled:**	06/02/06
Matrix:	AQ - Ground Water	**Date Received:**	06/02/06
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	70.0	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	101%	100%	86-115%
17060-07-0	1,2-Dichloroethane-D4	92%	97%	73-126%
2037-26-5	Toluene-D8	101%	104%	86-112%
460-00-4	4-Bromofluorobenzene	115%	110%	83-119%

(a) Sample was treated with an anti-foaming agent.
(b) Result is from Run# 2

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:	F41217-4	**Date Sampled:**	06/02/06
Matrix:	AQ - Ground Water	**Date Received:**	06/02/06
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	R03330.D	1	06/07/06	NJ	06/05/06	OP16815	SR154
Run #2							

	Initial Volume	Final Volume
Run #1	980 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	5.1	2.0	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	5.1	2.0	ug/l	
120-83-2	2,4-Dichlorophenol	ND	5.1	2.0	ug/l	
105-67-9	2,4-Dimethylphenol	ND	5.1	2.0	ug/l	
51-28-5	2,4-Dinitrophenol	ND	26	10	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	10	5.1	ug/l	
95-48-7	2-Methylphenol	ND	5.1	2.0	ug/l	
	3&4-Methylphenol	ND	5.1	2.0	ug/l	
88-75-5	2-Nitrophenol	ND	5.1	2.0	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	5.1	2.0	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	5.1	2.0	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	5.1	2.0	ug/l	
83-32-9	Acenaphthene	ND	5.1	1.0	ug/l	
208-96-8	Acenaphthylene	ND	5.1	1.0	ug/l	
120-12-7	Anthracene	ND	5.1	1.0	ug/l	
56-55-3	Benzo(a)anthracene	ND	5.1	1.0	ug/l	
50-32-8	Benzo(a)pyrene	ND	5.1	1.0	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	5.1	1.0	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	5.1	2.0	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	5.1	1.0	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	5.1	1.0	ug/l	
85-68-7	Butyl benzyl phthalate	ND	5.1	2.0	ug/l	
100-51-6	Benzyl Alcohol	ND	5.1	1.0	ug/l	
91-58-7	2-Chloronaphthalene	ND	5.1	1.0	ug/l	
106-47-8	4-Chloroaniline	ND	10	4.1	ug/l	
86-74-8	Carbazole	ND	5.1	1.0	ug/l	
218-01-9	Chrysene	ND	5.1	1.0	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	5.1	1.0	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	5.1	2.0	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-TRTE-N001		
Lab Sample ID:	F41217-4	**Date Sampled:**	06/02/06
Matrix:	AQ - Ground Water	**Date Received:**	06/02/06
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	5.1	1.0	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	5.1	1.0	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	5.1	1.0	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	5.1	1.0	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	5.1	1.0	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	5.1	2.0	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	5.1	2.0	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	10	5.1	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	5.1	2.0	ug/l	
132-64-9	Dibenzofuran	ND	5.1	1.0	ug/l	
84-74-2	Di-n-butyl phthalate	ND	5.1	2.0	ug/l	
117-84-0	Di-n-octyl phthalate	ND	5.1	2.6	ug/l	
84-66-2	Diethyl phthalate	ND	5.1	2.0	ug/l	
131-11-3	Dimethyl phthalate	ND	5.1	2.0	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	5.1	2.6	ug/l	
206-44-0	Fluoranthene	ND	5.1	1.0	ug/l	
86-73-7	Fluorene	ND	5.1	1.0	ug/l	
118-74-1	Hexachlorobenzene	ND	5.1	1.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.1	2.0	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	5.1	2.0	ug/l	
67-72-1	Hexachloroethane	ND	5.1	2.0	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	5.1	2.0	ug/l	
78-59-1	Isophorone	ND	5.1	1.0	ug/l	
91-57-6	2-Methylnaphthalene	ND	5.1	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	5.1	1.0	ug/l	
98-95-3	Nitrobenzene	ND	5.1	1.0	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	5.1	2.0	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	5.1	2.0	ug/l	
85-01-8	Phenanthrene	ND	5.1	1.0	ug/l	
129-00-0	Pyrene	ND	5.1	1.0	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.1	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	48%		19-90%
4165-62-2	Phenol-d5	31%		10-68%
118-79-6	2,4,6-Tribromophenol	100%		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:	F41217-4	**Date Sampled:**	06/02/06
Matrix:	AQ - Ground Water	**Date Received:**	06/02/06
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	86%		49-119%
321-60-8	2-Fluorobiphenyl	91%		45-118%
1718-51-0	Terphenyl-d14	96%		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:	F41217-4	**Date Sampled:**	06/02/06
Matrix:	AQ - Ground Water	**Date Received:**	06/02/06
		Percent Solids:	n/a
Project:	Star Center-B100		

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Iron	5170	300	15	ug/l	1	06/07/06	06/07/06	RS	SW846 6010B [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA5019
(2) Prep QC Batch: MP9725

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:	F41217-4	**Date Sampled:**	06/02/06
Matrix:	AQ - Ground Water	**Date Received:**	06/02/06
		Percent Solids:	n/a
Project:	Star Center-B100		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Hardness, Total as CaCO3	384	4.0	mg/l	1	06/19/06	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 #: F41217
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	NaOH	HNO3	H2SO4	NONE	VOCs - 8260	VOCs - 624	SVOCs - 625	Fe + Hardness	LAB USE ONLY
1	PIN12-RW01-N001	6-2-06	1048	JPC	GW	3	3					3				
2	PIN12-RW02-N001	↓	1050	↓	↓	3	3					3				
3	PIN12-TRTI-N001		1100			4	3						3		1	
4	PIN12-TRTE-N001	↓	1105	↓	↓	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. [signature]	6-2-06 / 1510	1. [signature] 3:10 6-2-6	2. [signature]	6-3-06 8:00	2. [signature]
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

F41217: Chain of Custody
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ACCUTEST LABORATORIES SAMPLE RECEIPT CONFIRMATION

ACCUTEST'S JOB NUMBER: F41217 CLIENT: S.M. Stoller PROJECT: Star center

DATE/TIME RECEIVED: 6-3-06/8:00 # 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
- [ ] 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

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 ? Ø

NUMBER OF 5035 FIELD KITS ? Ø

NUMBER OR LAB FILTERED METALS ? Ø

SUMMARY OF COMMENTS:

TECHNICIAN SIGNATURE/DATE Steve Crerm/6-3-06 TECHNICIAN SIGNATURE/DATE

4.1

4

F41217: 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: F41217
Account: STOLCOGJ S M Stoller
Project: Star Center-B100

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VB1654-MB	B039010.D	1	06/07/06	KW	n/a	n/a	VB1654

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

F41217-3, F41217-4

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	0.55	2.0	0.50	ug/l	J
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: F41217
Account: STOLCOGJ S M Stoller
Project: Star Center-B100

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VB1654-MB	B039010.D	1	06/07/06	KW	n/a	n/a	VB1654

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

F41217-3, F41217-4

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	100%	86-112%
460-00-4	4-Bromofluorobenzene	112%	83-119%

Method Blank Summary

Job Number: F41217
Account: STOLCOGJ S M Stoller
Project: Star Center-B100

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VC1675-MB	C0041402.D	1	06/08/06	KW	n/a	n/a	VC1675

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

F41217-4

CAS No.	Compound	Result	RL	MDL	Units	Q
156-59-2	cis-1,2-Dichloroethylene	ND	1.0	0.50	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.50	ug/l	

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	98%	86-115%
17060-07-0	1,2-Dichloroethane-D4	96%	73-126%
2037-26-5	Toluene-D8	104%	86-112%
460-00-4	4-Bromofluorobenzene	110%	83-119%

Method Blank Summary

Job Number: F41217
Account: STOLCOGJ S M Stoller
Project: Star Center-B100

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VC1677-MB	C0041482.D	1	06/13/06	KW	n/a	n/a	VC1677

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

F41217-1, F41217-2

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	1.0	5.0	1.0	ug/l	J
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: F41217
Account: STOLCOGJ S M Stoller
Project: Star Center-B100

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VC1677-MB	C0041482.D	1	06/13/06	KW	n/a	n/a	VC1677

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

F41217-1, F41217-2

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	98%	86-115%
17060-07-0	1,2-Dichloroethane-D4	96%	73-126%
2037-26-5	Toluene-D8	102%	86-112%
460-00-4	4-Bromofluorobenzene	103%	83-119%

Blank Spike Summary

Job Number: F41217
Account: STOLCOGJ S M Stoller
Project: Star Center-B100

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VB1654-BS	B039009.D	1	06/07/06	KW	n/a	n/a	VB1654

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

F41217-3, F41217-4

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
71-43-2	Benzene	25	28.3	113	80-120
75-27-4	Bromodichloromethane	25	24.2	97	75-120
75-25-2	Bromoform	25	23.8	95	60-129
108-90-7	Chlorobenzene	25	25.6	102	82-112
75-00-3	Chloroethane	25	27.7	111	67-148
67-66-3	Chloroform	25	25.9	104	78-118
110-75-8	2-Chloroethyl vinyl ether	125	134	107	23-132
56-23-5	Carbon tetrachloride	25	24.1	96	69-137
75-34-3	1,1-Dichloroethane	25	29.0	116	75-117
75-35-4	1,1-Dichloroethylene	25	29.2	117	67-134
107-06-2	1,2-Dichloroethane	25	24.6	98	68-121
78-87-5	1,2-Dichloropropane	25	28.5	114	78-122
124-48-1	Dibromochloromethane	25	24.4	98	68-118
75-71-8	Dichlorodifluoromethane	25	22.5	90	43-173
156-59-2	cis-1,2-Dichloroethylene	25	25.1	100	81-120
10061-01-5	cis-1,3-Dichloropropene	25	26.2	105	73-115
541-73-1	m-Dichlorobenzene	25	24.2	97	78-116
95-50-1	o-Dichlorobenzene	25	23.8	95	77-115
106-46-7	p-Dichlorobenzene	25	23.4	94	77-113
156-60-5	trans-1,2-Dichloroethylene	25	29.0	116	74-125
10061-02-6	trans-1,3-Dichloropropene	25	23.6	94	69-115
100-41-4	Ethylbenzene	25	25.5	102	82-115
74-83-9	Methyl bromide	25	24.8	99	60-165
74-87-3	Methyl chloride	25	31.6	126	58-152
75-09-2	Methylene chloride	25	29.7	119	66-125
1634-04-4	Methyl Tert Butyl Ether	25	24.2	97	67-127
71-55-6	1,1,1-Trichloroethane	25	24.6	98	78-132
79-34-5	1,1,2,2-Tetrachloroethane	25	25.1	100	67-119
79-00-5	1,1,2-Trichloroethane	25	27.2	109	74-115
127-18-4	Tetrachloroethylene	25	24.6	98	75-126
108-88-3	Toluene	25	26.1	104	81-114
79-01-6	Trichloroethylene	25	27.3	109	80-115
75-69-4	Trichlorofluoromethane	25	27.2	109	65-163
75-01-4	Vinyl chloride	25	30.2	121	70-151
	m,p-Xylene	50	50.8	102	83-118
95-47-6	o-Xylene	25	25.7	103	77-119

Blank Spike Summary

Job Number: F41217
Account: STOLCOGJ S M Stoller
Project: Star Center-B100

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VB1654-BS	B039009.D	1	06/07/06	KW	n/a	n/a	VB1654

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

F41217-3, F41217-4

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

Blank Spike Summary

Job Number: F41217
Account: STOLCOGJ S M Stoller
Project: Star Center-B100

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VC1675-BS	C0041401.D	1	06/08/06	KW	n/a	n/a	VC1675

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

F41217-4

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
156-59-2	cis-1,2-Dichloroethylene	25	26.0	104	81-120
79-01-6	Trichloroethylene	25	27.3	109	80-115

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	98%	86-115%
17060-07-0	1,2-Dichloroethane-D4	95%	73-126%
2037-26-5	Toluene-D8	99%	86-112%
460-00-4	4-Bromofluorobenzene	100%	83-119%

Blank Spike Summary

Job Number: F41217
Account: STOLCOGJ S M Stoller
Project: Star Center-B100

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VC1677-BS	C0041481.D	1	06/13/06	KW	n/a	n/a	VC1677

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

F41217-1, F41217-2

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	24.4	98	75-120
75-25-2	Bromoform	25	23.5	94	60-129
108-90-7	Chlorobenzene	25	25.4	102	82-112
75-00-3	Chloroethane	25	27.9	112	67-148
67-66-3	Chloroform	25	25.8	103	78-118
110-75-8	2-Chloroethyl vinyl ether	125	124	99	23-132
56-23-5	Carbon tetrachloride	25	27.3	109	69-137
75-34-3	1,1-Dichloroethane	25	25.6	102	75-117
75-35-4	1,1-Dichloroethylene	25	24.6	98	67-134
107-06-2	1,2-Dichloroethane	25	23.8	95	68-121
78-87-5	1,2-Dichloropropane	25	25.8	103	78-122
124-48-1	Dibromochloromethane	25	24.7	99	68-118
75-71-8	Dichlorodifluoromethane	25	36.4	146	43-173
156-59-2	cis-1,2-Dichloroethylene	25	25.3	101	81-120
10061-01-5	cis-1,3-Dichloropropene	25	25.6	102	73-115
541-73-1	m-Dichlorobenzene	25	25.5	102	78-116
95-50-1	o-Dichlorobenzene	25	24.9	100	77-115
106-46-7	p-Dichlorobenzene	25	25.4	102	77-113
156-60-5	trans-1,2-Dichloroethylene	25	25.6	102	74-125
10061-02-6	trans-1,3-Dichloropropene	25	25.7	103	69-115
100-41-4	Ethylbenzene	25	26.5	106	82-115
74-83-9	Methyl bromide	25	27.2	109	60-165
74-87-3	Methyl chloride	25	30.4	122	58-152
75-09-2	Methylene chloride	25	24.5	98	66-125
1634-04-4	Methyl Tert Butyl Ether	25	22.8	91	67-127
71-55-6	1,1,1-Trichloroethane	25	27.1	108	78-132
79-34-5	1,1,2,2-Tetrachloroethane	25	23.1	92	67-119
79-00-5	1,1,2-Trichloroethane	25	24.3	97	74-115
127-18-4	Tetrachloroethylene	25	27.4	110	75-126
108-88-3	Toluene	25	25.5	102	81-114
79-01-6	Trichloroethylene	25	26.7	107	80-115
75-69-4	Trichlorofluoromethane	25	30.7	123	65-163
75-01-4	Vinyl chloride	25	31.2	125	70-151
	m,p-Xylene	50	53.0	106	83-118
95-47-6	o-Xylene	25	26.1	104	77-119

Blank Spike Summary

Job Number: F41217
Account: STOLCOGJ S M Stoller
Project: Star Center-B100

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VC1677-BS	C0041481.D	1	06/13/06	KW	n/a	n/a	VC1677

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

F41217-1, F41217-2

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	99%	86-115%
17060-07-0	1,2-Dichloroethane-D4	103%	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: F41217
Account: STOLCOGJ S M Stoller
Project: Star Center-B100

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
F41184-6MS	B039012.D	10	06/07/06	KW	n/a	n/a	VB1654
F41184-6MSD	B039013.D	10	06/07/06	KW	n/a	n/a	VB1654
F41184-6	B039011.D	10	06/07/06	KW	n/a	n/a	VB1654

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

F41217-3, F41217-4

CAS No.	Compound	F41184-6 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	ND		250	290	116	282	113	3	72-125/7
75-27-4	Bromodichloromethane	ND		250	242	97	236	94	3	72-120/8
75-25-2	Bromoform	ND		250	235	94	228	91	3	55-127/11
108-90-7	Chlorobenzene	ND		250	261	104	262	105	0	79-113/7
75-00-3	Chloroethane	ND		250	288	115	293	117	2	56-164/14
67-66-3	Chloroform	ND		250	262	105	262	105	0	75-120/8
110-75-8	2-Chloroethyl vinyl ether	ND		1250	ND	0*	ND	0*	nc	8-137/18
56-23-5	Carbon tetrachloride	ND		250	241	96	247	99	2	56-145/12
75-34-3	1,1-Dichloroethane	ND		250	305	122	291	116	5	70-122/10
75-35-4	1,1-Dichloroethylene	ND		250	300	120	294	118	2	61-137/15
107-06-2	1,2-Dichloroethane	ND		250	245	98	240	96	2	64-124/7
78-87-5	1,2-Dichloropropane	ND		250	296	118	289	116	2	74-123/8
124-48-1	Dibromochloromethane	ND		250	242	97	238	95	2	63-119/9
75-71-8	Dichlorodifluoromethane	ND		250	237	95	246	98	4	35-184/21
156-59-2	cis-1,2-Dichloroethylene	ND		250	255	102	256	102	0	74-125/9
10061-01-5	cis-1,3-Dichloropropene	ND		250	261	104	260	104	0	65-112/10
541-73-1	m-Dichlorobenzene	ND		250	249	100	248	99	0	74-114/7
95-50-1	o-Dichlorobenzene	ND		250	246	98	248	99	1	73-114/8
106-46-7	p-Dichlorobenzene	ND		250	246	98	247	99	0	74-112/7
156-60-5	trans-1,2-Dichloroethylene	ND		250	294	118	291	116	1	70-127/11
10061-02-6	trans-1,3-Dichloropropene	ND		250	243	97	238	95	2	59-116/11
100-41-4	Ethylbenzene	ND		250	264	106	260	104	2	73-119/8
74-83-9	Methyl bromide	ND		250	249	100	255	102	2	52-172/16
74-87-3	Methyl chloride	ND		250	332	133	336	134	1	53-155/19
75-09-2	Methylene chloride	ND		250	302	121	298	119	1	61-129/11
1634-04-4	Methyl Tert Butyl Ether	392		250	635	97	634	97	0	61-129/9
71-55-6	1,1,1-Trichloroethane	ND		250	249	100	244	98	2	72-133/8
79-34-5	1,1,2,2-Tetrachloroethane	ND		250	278	111	274	110	1	64-120/10
79-00-5	1,1,2-Trichloroethane	ND		250	271	108	271	108	0	72-116/9
127-18-4	Tetrachloroethylene	ND		250	246	98	237	95	4	70-126/9
108-88-3	Toluene	ND		250	271	108	263	105	3	67-123/8
79-01-6	Trichloroethylene	ND		250	259	104	258	103	0	73-117/10
75-69-4	Trichlorofluoromethane	ND		250	279	112	269	108	4	52-164/16
75-01-4	Vinyl chloride	ND		250	322	129	321	128	0	63-161/18
	m,p-Xylene	ND		500	531	106	521	104	2	74-123/7
95-47-6	o-Xylene	ND		250	261	104	255	102	2	68-123/7

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F41217
Account: STOLCOGJ S M Stoller
Project: Star Center-B100

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
F41184-6MS	B039012.D	10	06/07/06	KW	n/a	n/a	VB1654
F41184-6MSD	B039013.D	10	06/07/06	KW	n/a	n/a	VB1654
F41184-6	B039011.D	10	06/07/06	KW	n/a	n/a	VB1654

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

F41217-3, F41217-4

CAS No.	Surrogate Recoveries	MS	MSD	F41184-6	Limits
1868-53-7	Dibromofluoromethane	100%	99%	100%	86-115%
17060-07-0	1,2-Dichloroethane-D4	96%	97%	93%	73-126%
2037-26-5	Toluene-D8	101%	99%	98%	86-112%
460-00-4	4-Bromofluorobenzene	99%	101%	108%	83-119%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F41217
Account: STOLCOGJ S M Stoller
Project: Star Center-B100

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
F41253-3MS	C0041414.D	1	06/08/06	KW	n/a	n/a	VC1675
F41253-3MSD	C0041415.D	1	06/08/06	KW	n/a	n/a	VC1675
F41253-3	C0041411.D	1	06/08/06	KW	n/a	n/a	VC1675

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

F41217-4

CAS No.	Compound	F41253-3 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
156-59-2	cis-1,2-Dichloroethylene	ND		25	26.4	106	25.8	103	2	74-125/9
79-01-6	Trichloroethylene	ND		25	27.9	112	26.8	107	4	73-117/10

CAS No.	Surrogate Recoveries	MS	MSD	F41253-3	Limits
1868-53-7	Dibromofluoromethane	99%	101%	97%	86-115%
17060-07-0	1,2-Dichloroethane-D4	103%	104%	93%	73-126%
2037-26-5	Toluene-D8	96%	95%	98%	86-112%
460-00-4	4-Bromofluorobenzene	97%	99%	102%	83-119%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F41217
Account: STOLCOGJ S M Stoller
Project: Star Center-B100

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
F41217-2MS	C0041485.D	10	06/13/06	KW	n/a	n/a	VC1677
F41217-2MSD	C0041486.D	10	06/13/06	KW	n/a	n/a	VC1677
F41217-2	C0041484.D	10	06/13/06	KW	n/a	n/a	VC1677

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

F41217-1, F41217-2

CAS No.	Compound	F41217-2 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	ND		250	266	106	250	100	6	72-125/7
75-27-4	Bromodichloromethane	ND		250	231	92	223	89	4	72-120/8
75-25-2	Bromoform	ND		250	222	89	214	86	4	55-127/11
108-90-7	Chlorobenzene	ND		250	246	98	238	95	3	79-113/7
75-00-3	Chloroethane	ND		250	265	106	245	98	8	56-164/14
67-66-3	Chloroform	ND		250	247	99	238	95	4	75-120/8
110-75-8	2-Chloroethyl vinyl ether	ND		1250	365	29	206	16	56*	8-137/18
56-23-5	Carbon tetrachloride	ND		250	247	99	240	96	3	56-145/12
75-34-3	1,1-Dichloroethane	7.1	J	250	266	104	255	99	4	70-122/10
75-35-4	1,1-Dichloroethylene	16.2		250	257	96	242	90	6	61-137/15
107-06-2	1,2-Dichloroethane	ND		250	223	89	213	85	5	64-124/7
78-87-5	1,2-Dichloropropane	ND		250	265	106	250	100	6	74-123/8
124-48-1	Dibromochloromethane	ND		250	228	91	226	90	1	63-119/9
75-71-8	Dichlorodifluoromethane	ND		250	321	128	310	124	3	35-184/21
156-59-2	cis-1,2-Dichloroethylene	558		250	806	99	774	86	4	74-125/9
10061-01-5	cis-1,3-Dichloropropene	ND		250	249	100	236	94	5	65-112/10
541-73-1	m-Dichlorobenzene	ND		250	242	97	230	92	5	74-114/7
95-50-1	o-Dichlorobenzene	ND		250	235	94	224	90	5	73-114/8
106-46-7	p-Dichlorobenzene	ND		250	244	98	232	93	5	74-112/7
156-60-5	trans-1,2-Dichloroethylene	46.7		250	305	103	286	96	6	70-127/11
10061-02-6	trans-1,3-Dichloropropene	ND		250	260	104	250	100	4	59-116/11
100-41-4	Ethylbenzene	ND		250	267	107	252	101	6	73-119/8
74-83-9	Methyl bromide	ND		250	261	104	231	92	12	52-172/16
74-87-3	Methyl chloride	ND		250	298	119	283	113	5	53-155/19
75-09-2	Methylene chloride	24.3	JB	250	249	90	234	84	6	61-129/11
1634-04-4	Methyl Tert Butyl Ether	ND		250	219	88	211	84	4	61-129/9
71-55-6	1,1,1-Trichloroethane	ND		250	250	100	237	95	5	72-133/8
79-34-5	1,1,2,2-Tetrachloroethane	ND		250	246	98	230	92	7	64-120/10
79-00-5	1,1,2-Trichloroethane	ND		250	258	103	240	96	7	72-116/9
127-18-4	Tetrachloroethylene	ND		250	259	104	249	100	4	70-126/9
108-88-3	Toluene	ND		250	259	104	243	97	6	67-123/8
79-01-6	Trichloroethylene	272		250	531	104	503	92	5	73-117/10
75-69-4	Trichlorofluoromethane	ND		250	274	110	268	107	2	52-164/16
75-01-4	Vinyl chloride	82.3		250	384	121	364	113	5	63-161/18
	m,p-Xylene	ND		500	536	107	504	101	6	74-123/7
95-47-6	o-Xylene	ND		250	262	105	247	99	6	68-123/7

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F41217
Account: STOLCOGJ S M Stoller
Project: Star Center-B100

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
F41217-2MS	C0041485.D	10	06/13/06	KW	n/a	n/a	VC1677
F41217-2MSD	C0041486.D	10	06/13/06	KW	n/a	n/a	VC1677
F41217-2	C0041484.D	10	06/13/06	KW	n/a	n/a	VC1677

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

F41217-1, F41217-2

CAS No.	Surrogate Recoveries	MS	MSD	F41217-2	Limits
1868-53-7	Dibromofluoromethane	95%	94%	94%	86-115%
17060-07-0	1,2-Dichloroethane-D4	98%	98%	93%	73-126%
2037-26-5	Toluene-D8	105%	104%	105%	86-112%
460-00-4	4-Bromofluorobenzene	100%	99%	106%	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: F41217
Account: STOLCOGJ S M Stoller
Project: Star Center-B100

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP16815-MB	R03329.D	1	06/07/06	NJ	06/05/06	OP16815	SR154

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

F41217-4

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: F41217
Account: STOLCOGJ S M Stoller
Project: Star Center-B100

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP16815-MB	R03329.D	1	06/07/06	NJ	06/05/06	OP16815	SR154

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

F41217-4

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	56%	19-90%
4165-62-2	Phenol-d5	36%	10-68%

Method Blank Summary

Job Number: F41217
Account: STOLCOGJ S M Stoller
Project: Star Center-B100

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP16815-MB	R03329.D	1	06/07/06	NJ	06/05/06	OP16815	SR154

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

F41217-4

CAS No.	Surrogate Recoveries		Limits
118-79-6	2,4,6-Tribromophenol	101%	36-137%
4165-60-0	Nitrobenzene-d5	92%	49-119%
321-60-8	2-Fluorobiphenyl	96%	45-118%
1718-51-0	Terphenyl-d14	100%	46-135%

Blank Spike Summary

Job Number: F41217
Account: STOLCOGJ S M Stoller
Project: Star Center-B100

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP16815-BS	R03328.D	1	06/07/06	NJ	06/05/06	OP16815	SR154

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

F41217-4

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
65-85-0	Benzoic Acid	100	14.3	14	10-50
95-57-8	2-Chlorophenol	50	41.0	82	57-100
59-50-7	4-Chloro-3-methyl phenol	50	43.9	88	63-105
120-83-2	2,4-Dichlorophenol	50	45.5	91	65-106
105-67-9	2,4-Dimethylphenol	50	36.2	72	49-90
51-28-5	2,4-Dinitrophenol	100	86.4	86	26-125
534-52-1	4,6-Dinitro-o-cresol	100	96.2	96	56-121
95-48-7	2-Methylphenol	50	34.8	70	48-90
	3&4-Methylphenol	100	62.9	63	43-94
88-75-5	2-Nitrophenol	50	44.5	89	62-107
100-02-7	4-Nitrophenol	100	31.4	31	19-66
87-86-5	Pentachlorophenol	100	87.6	88	62-120
108-95-2	Phenol	50	18.2	36	20-65
95-95-4	2,4,5-Trichlorophenol	50	45.1	90	67-103
88-06-2	2,4,6-Trichlorophenol	50	45.0	90	68-104
83-32-9	Acenaphthene	50	45.1	90	67-101
208-96-8	Acenaphthylene	50	44.0	88	65-100
120-12-7	Anthracene	50	49.9	100	71-103
56-55-3	Benzo(a)anthracene	50	49.2	98	71-105
50-32-8	Benzo(a)pyrene	50	47.5	95	67-106
205-99-2	Benzo(b)fluoranthene	50	49.4	99	68-108
191-24-2	Benzo(g,h,i)perylene	50	48.2	96	65-110
207-08-9	Benzo(k)fluoranthene	50	49.9	100	69-110
101-55-3	4-Bromophenyl phenyl ether	50	49.3	99	71-106
85-68-7	Butyl benzyl phthalate	50	50.7	101	66-110
100-51-6	Benzyl Alcohol	50	38.9	78	36-101
91-58-7	2-Chloronaphthalene	50	42.4	85	62-99
106-47-8	4-Chloroaniline	50	47.8	96	58-101
86-74-8	Carbazole	50	51.0	102	73-106
218-01-9	Chrysene	50	50.7	101	71-105
111-91-1	bis(2-Chloroethoxy)methane	50	42.2	84	56-101
111-44-4	bis(2-Chloroethyl)ether	50	45.4	91	60-108
108-60-1	bis(2-Chloroisopropyl)ether	50	46.2	92	49-108
7005-72-3	4-Chlorophenyl phenyl ether	50	47.4	95	69-106
95-50-1	1,2-Dichlorobenzene	50	35.3	71	48-98
541-73-1	1,3-Dichlorobenzene	50	32.1	64	44-95

Blank Spike Summary

Job Number: F41217
Account: STOLCOGJ S M Stoller
Project: Star Center-B100

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP16815-BS	R03328.D	1	06/07/06	NJ	06/05/06	OP16815	SR154

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

F41217-4

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
106-46-7	1,4-Dichlorobenzene	50	33.3	67	46-96
121-14-2	2,4-Dinitrotoluene	50	48.5	97	64-107
606-20-2	2,6-Dinitrotoluene	50	45.5	91	64-102
91-94-1	3,3'-Dichlorobenzidine	50	45.5	91	54-109
53-70-3	Dibenzo(a,h)anthracene	50	49.3	99	61-112
132-64-9	Dibenzofuran	50	49.6	99	70-102
84-74-2	Di-n-butyl phthalate	50	50.6	101	69-109
117-84-0	Di-n-octyl phthalate	50	52.2	104	63-125
84-66-2	Diethyl phthalate	50	49.8	100	66-111
131-11-3	Dimethyl phthalate	50	46.9	94	66-109
117-81-7	bis(2-Ethylhexyl)phthalate	50	51.5	103	66-114
206-44-0	Fluoranthene	50	51.6	103	71-108
86-73-7	Fluorene	50	47.0	94	68-102
118-74-1	Hexachlorobenzene	50	48.4	97	69-103
87-68-3	Hexachlorobutadiene	50	33.1	66	48-100
77-47-4	Hexachlorocyclopentadiene	50	24.6	49	20-85
67-72-1	Hexachloroethane	50	30.8	62	41-98
193-39-5	Indeno(1,2,3-cd)pyrene	50	49.2	98	66-112
78-59-1	Isophorone	50	47.7	95	62-105
91-57-6	2-Methylnaphthalene	50	49.1	98	62-105
88-74-4	2-Nitroaniline	50	48.4	97	66-105
99-09-2	3-Nitroaniline	50	44.9	90	56-104
100-01-6	4-Nitroaniline	50	47.6	95	62-110
91-20-3	Naphthalene	50	40.1	80	56-99
98-95-3	Nitrobenzene	50	45.2	90	60-102
621-64-7	N-Nitroso-di-n-propylamine	50	46.5	93	56-101
86-30-6	N-Nitrosodiphenylamine	50	47.4	95	69-106
85-01-8	Phenanthrene	50	49.2	98	71-104
129-00-0	Pyrene	50	49.7	99	67-108
120-82-1	1,2,4-Trichlorobenzene	50	37.6	75	52-99

CAS No.	Surrogate Recoveries	BSP	Limits
367-12-4	2-Fluorophenol	51%	19-90%
4165-62-2	Phenol-d5	31%	10-68%

Blank Spike Summary

Job Number: F41217
Account: STOLCOGJ S M Stoller
Project: Star Center-B100

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP16815-BS	R03328.D	1	06/07/06	NJ	06/05/06	OP16815	SR154

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

F41217-4

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	93%	45-118%
1718-51-0	Terphenyl-d14	99%	46-135%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F41217
Account: STOLCOGJ S M Stoller
Project: Star Center-B100

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP16815-MS	R03332.D	1	06/07/06	NJ	06/05/06	OP16815	SR154
OP16815-MSD	R03333.D	1	06/07/06	NJ	06/05/06	OP16815	SR154
F41132-4	R03331.D	1	06/07/06	NJ	06/05/06	OP16815	SR154

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

F41217-4

CAS No.	Compound	F41132-4 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
65-85-0	Benzoic Acid	25 U		200	65.2	33	82.7	41	24	10-80/45
95-57-8	2-Chlorophenol	5.0 U		100	81.7	82	85.2	85	4	43-109/27
59-50-7	4-Chloro-3-methyl phenol	5.0 U		100	91.4	91	93.2	93	2	57-109/20
120-83-2	2,4-Dichlorophenol	5.0 U		100	91.4	91	94.7	95	4	49-114/23
105-67-9	2,4-Dimethylphenol	5.0 U		100	74.0	74	75.9	76	3	32-103/24
51-28-5	2,4-Dinitrophenol	25 U		200	166	83	173	87	4	20-131/28
534-52-1	4,6-Dinitro-o-cresol	10 U		200	188	94	188	94	0	46-130/23
95-48-7	2-Methylphenol	5.0 U		100	77.8	78	80.2	80	3	40-102/25
	3&4-Methylphenol	5.0 U		200	149	75	154	77	3	39-97/24
88-75-5	2-Nitrophenol	5.0 U		100	85.8	86	90.2	90	5	46-115/26
100-02-7	4-Nitrophenol	25 U		200	111	56	109	55	2	28-81/30
87-86-5	Pentachlorophenol	25 U		200	179	90	175	88	2	53-128/22
108-95-2	Phenol	5.0 U		100	52.9	53	53.6	54	1	19-81/33
95-95-4	2,4,5-Trichlorophenol	5.0 U		100	91.1	91	91.5	92	0	56-110/19
88-06-2	2,4,6-Trichlorophenol	5.0 U		100	90.3	90	90.4	90	0	55-112/19
83-32-9	Acenaphthene	5.0 U		100	92.9	93	91.8	92	1	58-109/18
208-96-8	Acenaphthylene	5.0 U		100	89.6	90	90.2	90	1	59-103/18
120-12-7	Anthracene	5.0 U		100	97.4	97	96.8	97	1	65-108/16
56-55-3	Benzo(a)anthracene	5.0 U		100	97.6	98	98.0	98	0	68-106/17
50-32-8	Benzo(a)pyrene	5.0 U		100	95.2	95	95.8	96	1	61-108/18
205-99-2	Benzo(b)fluoranthene	5.0 U		100	98.0	98	97.2	97	1	65-109/18
191-24-2	Benzo(g,h,i)perylene	5.0 U		100	98.7	99	98.5	99	0	60-114/19
207-08-9	Benzo(k)fluoranthene	5.0 U		100	99.1	99	99.2	99	0	66-111/17
101-55-3	4-Bromophenyl phenyl ether	5.0 U		100	96.8	97	97.4	97	1	68-108/17
85-68-7	Butyl benzyl phthalate	5.0 U		100	101	101	99.8	100	1	64-111/18
100-51-6	Benzyl Alcohol	5.0 U		100	83.5	84	87.7	88	5	44-105/26
91-58-7	2-Chloronaphthalene	5.0 U		100	88.9	89	90.0	90	1	57-102/20
106-47-8	4-Chloroaniline	10 U		100	88.4	88	92.6	93	5	37-106/27
86-74-8	Carbazole	5.0 U		100	99.8	100	99.1	99	1	68-111/16
218-01-9	Chrysene	5.0 U		100	101	101	100	100	1	69-106/17
111-91-1	bis(2-Chloroethoxy)methane	5.0 U		100	82.1	82	85.4	85	4	46-106/24
111-44-4	bis(2-Chloroethyl)ether	5.0 U		100	86.8	87	91.0	91	5	48-114/28
108-60-1	bis(2-Chloroisopropyl)ether	5.0 U		100	90.8	91	94.0	94	3	43-110/26
7005-72-3	4-Chlorophenyl phenyl ether	5.0 U		100	96.2	96	95.7	96	1	66-107/17
95-50-1	1,2-Dichlorobenzene	5.0 U		100	77.7	78	82.2	82	6	45-103/24
541-73-1	1,3-Dichlorobenzene	5.0 U		100	72.6	73	77.0	77	6	42-100/24

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F41217
Account: STOLCOGJ S M Stoller
Project: Star Center-B100

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP16815-MS	R03332.D	1	06/07/06	NJ	06/05/06	OP16815	SR154
OP16815-MSD	R03333.D	1	06/07/06	NJ	06/05/06	OP16815	SR154
F41132-4	R03331.D	1	06/07/06	NJ	06/05/06	OP16815	SR154

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

F41217-4

CAS No.	Compound	F41132-4 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
106-46-7	1,4-Dichlorobenzene	5.0 U		100	74.8	75	78.0	78	4	43-102/24
121-14-2	2,4-Dinitrotoluene	5.0 U		100	95.0	95	93.1	93	2	60-108/18
606-20-2	2,6-Dinitrotoluene	5.0 U		100	91.1	91	90.5	91	1	59-105/18
91-94-1	3,3'-Dichlorobenzidine	10 U		100	81.0	81	83.9	84	4	21-120/24
53-70-3	Dibenzo(a,h)anthracene	5.0 U		100	99.8	100	101	101	1	59-112/18
132-64-9	Dibenzofuran	5.0 U		100	99.0	99	98.7	99	0	65-105/17
84-74-2	Di-n-butyl phthalate	5.0 U		100	98.3	98	98.6	99	0	68-109/18
117-84-0	Di-n-octyl phthalate	5.0 U		100	102	102	101	101	1	59-127/23
84-66-2	Diethyl phthalate	5.0 U		100	99.5	100	97.0	97	3	64-111/18
131-11-3	Dimethyl phthalate	5.0 U		100	93.8	94	92.6	93	1	63-109/17
117-81-7	bis(2-Ethylhexyl)phthalate	5.0 U		100	102	102	102	102	0	58-119/21
206-44-0	Fluoranthene	5.0 U		100	102	102	101	101	1	68-110/18
86-73-7	Fluorene	5.0 U		100	94.8	95	93.6	94	1	62-106/17
118-74-1	Hexachlorobenzene	5.0 U		100	94.7	95	95.0	95	0	66-106/16
87-68-3	Hexachlorobutadiene	5.0 U		100	83.8	84	86.5	87	3	46-107/26
77-47-4	Hexachlorocyclopentadiene	5.0 U		100	57.5	58	61.0	61	6	16-84/31
67-72-1	Hexachloroethane	5.0 U		100	75.6	76	80.5	81	6	39-105/25
193-39-5	Indeno(1,2,3-cd)pyrene	5.0 U		100	99.2	99	99.0	99	0	61-115/19
78-59-1	Isophorone	5.0 U		100	94.9	95	96.4	96	2	54-107/22
91-57-6	2-Methylnaphthalene	5.0 U		100	97.1	97	101	101	4	53-112/22
88-74-4	2-Nitroaniline	10 U		100	95.1	95	95.3	95	0	60-108/18
99-09-2	3-Nitroaniline	10 U		100	82.0	82	81.0	81	1	43-103/23
100-01-6	4-Nitroaniline	10 U		100	93.3	93	91.5	92	2	55-110/19
91-20-3	Naphthalene	5.0 U		100	84.2	84	86.8	87	3	49-104/24
98-95-3	Nitrobenzene	5.0 U		100	89.2	89	91.2	91	2	50-107/25
621-64-7	N-Nitroso-di-n-propylamine	5.0 U		100	89.6	90	92.5	93	3	47-104/23
86-30-6	N-Nitrosodiphenylamine	5.0 U		100	93.9	94	94.5	95	1	63-110/17
85-01-8	Phenanthrene	5.0 U		100	96.7	97	96.9	97	0	67-108/17
129-00-0	Pyrene	5.0 U		100	98.5	99	98.6	99	0	65-108/18
120-82-1	1,2,4-Trichlorobenzene	5.0 U		100	83.6	84	87.6	88	5	49-104/25

CAS No.	Surrogate Recoveries	MS	MSD	F41132-4	Limits
367-12-4	2-Fluorophenol	69%	70%	44%	19-90%
4165-62-2	Phenol-d5	50%	50%	27%	10-68%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F41217
Account: STOLCOGJ S M Stoller
Project: Star Center-B100

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP16815-MS	R03332.D	1	06/07/06	NJ	06/05/06	OP16815	SR154
OP16815-MSD	R03333.D	1	06/07/06	NJ	06/05/06	OP16815	SR154
F41132-4	R03331.D	1	06/07/06	NJ	06/05/06	OP16815	SR154

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

F41217-4

CAS No.	Surrogate Recoveries	MS	MSD	F41132-4	Limits
118-79-6	2,4,6-Tribromophenol	98%	97%	99%	36-137%
4165-60-0	Nitrobenzene-d5	89%	92%	83%	49-119%
321-60-8	2-Fluorobiphenyl	94%	95%	88%	45-118%
1718-51-0	Terphenyl-d14	100%	100%	99%	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: F41217
Account: STOLCOGJ - S M Stoller
Project: Star Center-B100

QC Batch ID: MP9725
Matrix Type: AQUEOUS

Methods: SW846 6010B
Units: ug/l

Prep Date: 06/07/06

Metal	RL	IDL	MB raw	final
Aluminum	200	18		
Antimony	6.0	3.4		
Arsenic	10	2.8	anr	
Barium	200	.4		
Beryllium	4.0	.4		
Cadmium	5.0	.2		
Calcium	1000	42		
Chromium	10	.6		
Cobalt	50	.6		
Copper	25	.9		
Iron	300	12	5.5	<300
Lead	10	1.7	anr	
Magnesium	5000	4.3		
Manganese	15	.6	anr	
Molybdenum	50	1.3		
Nickel	40	.8		
Potassium	10000	10		
Selenium	10	2		
Silver	10	.9		
Sodium	10000	500		
Thallium	10	2.3		
Tin	50	3.1		
Vanadium	50	.6		
Zinc	20	1.3		

Associated samples MP9725: F41217-3, F41217-4

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: F41217
Account: STOLCOGJ - S M Stoller
Project: Star Center-B100

QC Batch ID: MP9725
Matrix Type: AQUEOUS

Methods: SW846 6010B
Units: ug/l

Prep Date:			06/07/06					06/07/06	
Metal	F41245-1 Original	DUP	RPD	QC Limits	F41245-1 Original	MS	Spikelot MPFLICP1	% Rec	QC Limits
Aluminum									
Antimony									
Arsenic	anr								
Barium									
Beryllium									
Cadmium									
Calcium									
Chromium									
Cobalt									
Copper									
Iron	280	284	1.4	0-20	280	27700	26000	105.5	80-120
Lead	anr								
Magnesium									
Manganese	anr								
Molybdenum									
Nickel									
Potassium									
Selenium									
Silver									
Sodium									
Thallium									
Tin									
Vanadium									
Zinc									

Associated samples MP9725: F41217-3, F41217-4

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: F41217
Account: STOLCOGJ - S M Stoller
Project: Star Center-B100

QC Batch ID: MP9725
Matrix Type: AQUEOUS

Methods: SW846 6010B
Units: ug/l

Prep Date: 06/07/06

Metal	F41245-1 Original	MSD	Spikelot MPFLICP1	% Rec	MSD RPD	QC Limit
Aluminum						
Antimony						
Arsenic	anr					
Barium						
Beryllium						
Cadmium						
Calcium						
Chromium						
Cobalt						
Copper						
Iron	280	27700	26000	105.5	0.0	20
Lead	anr					
Magnesium						
Manganese	anr					
Molybdenum						
Nickel						
Potassium						
Selenium						
Silver						
Sodium						
Thallium						
Tin						
Vanadium						
Zinc						

Associated samples MP9725: F41217-3, F41217-4

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: F41217
Account: STOLCOGJ - S M Stoller
Project: Star Center-B100

QC Batch ID: MP9725
Matrix Type: AQUEOUS

Methods: SW846 6010B
Units: ug/l

Prep Date: 06/07/06

Metal	BSP Result	Spikelot MPFLICP1	% Rec	QC Limits
Aluminum				
Antimony				
Arsenic	anr			
Barium				
Beryllium				
Cadmium				
Calcium				
Chromium				
Cobalt				
Copper				
Iron	27700	26000	106.5	80-120
Lead	anr			
Magnesium				
Manganese	anr			
Molybdenum				
Nickel				
Potassium				
Selenium				
Silver				
Sodium				
Thallium				
Tin				
Vanadium				
Zinc				

Associated samples MP9725: F41217-3, F41217-4

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

SERIAL DILUTION RESULTS SUMMARY

Login Number: F41217
Account: STOLCOGJ - S M Stoller
Project: Star Center-B100

QC Batch ID: MP9725
Matrix Type: AQUEOUS

Methods: SW846 6010B
Units: ug/l

Prep Date: 06/07/06

Metal	F41245-1 Original	SDL 1:5	RPD	QC Limits
Aluminum				
Antimony				
Arsenic	anr			
Barium				
Beryllium				
Cadmium				
Calcium				
Chromium				
Cobalt				
Copper				
Iron	280	261	7.0	0-10
Lead	anr			
Magnesium				
Manganese	anr			
Molybdenum				
Nickel				
Potassium				
Selenium				
Silver				
Sodium				
Thallium				
Tin				
Vanadium				
Zinc				

Associated samples MP9725: F41217-3, F41217-4

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

06/19/06

Technical Report for

S M Stoller

Star Center-WWNA Monthly; Largo, FL

110406202 7031-877

Accutest Job Number: F41229

Sampling Date: 06/02/06

Report to:

US Dept of Energy, Grand Jct Office
2597 B3/4 Road
Grand Junction, CO 81503

ATTN: Contracts Department, PO# 24231 x

Total number of pages in report: **15**

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 Laboratories

Sample Summary

S M Stoller

Job No: F41229

Star Center-WWNA Monthly; Largo, FL
Project No: 110406202 7031-877

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
F41229-1	06/02/06	10:45	JPC	06/02/06	AQ	Ground Water	PIN18-EFF2-N001

SAMPLE DELIVERY GROUP CASE NARRATIVE

Client: S M Stoller **Job No:** F41229

Site: Star Center-WWNA Monthly; Largo, FL **Report Date** 6/19/2006

1 Sample was collected on 06/02/2006 and were received at Accutest on 06/02/2006 properly preserved, at 2.6 Deg. C and intact. These Samples received an Accutest job number of F41229. A listing of the Laboratory Sample ID, Client Sample ID and dates of collection are presented in the Results Summary Section of this report.

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

Metals By Method SW846 6010B

Matrix: AQ **Batch ID:** MP9764

All method blanks for this batch meet method specific criteria.

Samples F41178-1DUP, F41178-1MS, F41178-1SDL 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: June 19, 2006

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

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	PIN18-EFF2-N001		
Lab Sample ID:	F41229-1	**Date Sampled:**	06/02/06
Matrix:	AQ - Ground Water	**Date Received:**	06/02/06
		Percent Solids:	n/a
Project:	Star Center-WWNA Monthly; Largo, FL		

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	7.0 B	10	2.8	ug/l	1	06/15/06	06/15/06	RS	SW846 6010B [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA5035
(2) Prep QC Batch: MP9764

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 #: ~~F41217~~
ACCUTEST QUOTE #: F41229

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: WWNA
PROJECT NO.: 7031-877
FAX #

ANALYTICAL INFORMATION

Arsenic

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	HNO3	H2SO4	NONE	Arsenic	LAB USE ONLY
6	PIN18-EFF2-N001	6-2-06	1045	JPC	GW	1			1			1	

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

• Do not analyze this sample yet. Please hold sample until further instruction from Stoller.

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]	6-2-06/1510	1. Lois Accutest 3:10 6-2-6	2. [signature]	6-3-06 8:00	2. [signature]
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

F41229: Chain of Custody
Page 1 of 3

ACCUTEST LABORATORIES SAMPLE RECEIPT CONFIRMATION

ACCUTEST'S JOB NUMBER: F41229 CLIENT: S.M. Stoller PROJECT: Star Center

DATE/TIME RECEIVED: 6-3-06/ 8:00 # 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
- [ ] 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

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 ? Ø

NUMBER OF 5035 FIELD KITS ? Ø

NUMBER OR LAB FILTERED METALS ? Ø

SUMMARY OF COMMENTS:

TECHNICIAN SIGNATURE/DATE [signature] 6-3-06 TECHNICIAN SIGNATURE/DATE

4.1

4

F41229: Chain of Custody
Page 2 of 3

Job Change Order: F41229_6/13/2006

Requested Date:	6/13/2006	**Received Date:**	6/3/2006
Account Name:	S M Stoller	**Due Date:**	6/19/2006
Project Description:	Star Center-WWNA Monthly; Largo, FL	**Deliverable:**	COMMBN
CSR:	SB	**TAT (Days):**	14

Sample #:
F41229--1

Change: Per Charles Tabor@ Stoller-US Dept of Energy via e-mail 06.13.06 please run -1 for As, due 06.28.06. The sample is now off HOLD.

Above Changes Per: Charles Tabor@ Stoller-US Dept of **Date:** 6/13/2006

To Client: This Change Order is confirmation of the revisions, previously discussed with the Accutest Client Service Representative.

Page 1 of 1

F41229: Chain of Custody
Page 3 of 3

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: F41229
Account: STOLCOGJ - S M Stoller
Project: Star Center-WWNA Monthly; Largo, FL

QC Batch ID: MP9764
Matrix Type: AQUEOUS

Methods: SW846 6010B
Units: ug/l

Prep Date: 06/15/06

Metal	RL	IDL	MB raw	final
Aluminum	200	18	anr	
Antimony	6.0	3.4	anr	
Arsenic	10	2.8	-1.8	<10
Barium	200	.4	anr	
Beryllium	4.0	.4	anr	
Cadmium	5.0	.2	anr	
Calcium	1000	42	anr	
Chromium	10	.6	anr	
Cobalt	50	.6	anr	
Copper	25	.9	anr	
Iron	300	12	anr	
Lead	10	1.7	anr	
Magnesium	5000	4.3	anr	
Manganese	15	.6	anr	
Molybdenum	50	1.3		
Nickel	40	.8	anr	
Potassium	10000	10	anr	
Selenium	10	2	anr	
Silver	10	.9	anr	
Sodium	10000	500	anr	
Thallium	10	2.3	anr	
Tin	50	3.1		
Vanadium	50	.6	anr	
Zinc	20	1.3	anr	

Associated samples MP9764: F41229-1

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: F41229
Account: STOLCOGJ - S M Stoller
Project: Star Center-WWNA Monthly; Largo, FL

QC Batch ID: MP9764
Matrix Type: AQUEOUS

Methods: SW846 6010B
Units: ug/l

Prep Date:			06/15/06					06/15/06	
Metal	F41178-1 Original	DUP	RPD	QC Limits	F41178-1 Original	MS	Spikelot MPFLICP1	% Rec	QC Limits
Aluminum	anr								
Antimony	anr								
Arsenic	0.0	0.0	NC	0-20	0.0	2060	2000	103.0	80-120
Barium	anr								
Beryllium	anr								
Cadmium	anr								
Calcium	anr								
Chromium	anr								
Cobalt	anr								
Copper	anr								
Iron	anr								
Lead	anr								
Magnesium	anr								
Manganese	anr								
Molybdenum									
Nickel	anr								
Potassium	anr								
Selenium	anr								
Silver	anr								
Sodium	anr								
Thallium	anr								
Tin									
Vanadium	anr								
Zinc	anr								

Associated samples MP9764: F41229-1

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: F41229
Account: STOLCOGJ - S M Stoller
Project: Star Center-WWNA Monthly; Largo, FL

QC Batch ID: MP9764
Matrix Type: AQUEOUS

Methods: SW846 6010B
Units: ug/l

Prep Date: 06/15/06

Metal	BSP Result	Spikelot MPFLICP1	% Rec	QC Limits
Aluminum	anr			
Antimony	anr			
Arsenic	2060	2000	103.0	80-120
Barium	anr			
Beryllium	anr			
Cadmium	anr			
Calcium	anr			
Chromium	anr			
Cobalt	anr			
Copper	anr			
Iron	anr			
Lead	anr			
Magnesium	anr			
Manganese	anr			
Molybdenum				
Nickel	anr			
Potassium	anr			
Selenium	anr			
Silver	anr			
Sodium	anr			
Thallium	anr			
Tin				
Vanadium	anr			
Zinc	anr			

Associated samples MP9764: F41229-1

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

SERIAL DILUTION RESULTS SUMMARY

Login Number: F41229
Account: STOLCOGJ - S M Stoller
Project: Star Center-WWNA Monthly; Largo, FL

QC Batch ID: MP9764
Matrix Type: AQUEOUS

Methods: SW846 6010B
Units: ug/l

Prep Date: 06/15/06

Metal	F41178-1 Original	SDL 1:5	RPD	QC Limits
Aluminum	anr			
Antimony	anr			
Arsenic	0.00	0.00	NC	0-10
Barium	anr			
Beryllium	anr			
Cadmium	anr			
Calcium	anr			
Chromium	anr			
Cobalt	anr			
Copper	anr			
Iron	anr			
Lead	anr			
Magnesium	anr			
Manganese	anr			
Molybdenum				
Nickel	anr			
Potassium	anr			
Selenium	anr			
Silver	anr			
Sodium	anr			
Thallium	anr			
Tin				
Vanadium	anr			
Zinc	anr			

Associated samples MP9764: F41229-1

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

06/19/06

Technical Report for

S M Stoller

Star Center-B100 Monthly/Effluent; Largo, FL

110406202

Accutest Job Number: F41230

Sampling Date: 06/02/06

Report to:

US Dept of Energy, Grand Jct Office
2597 B3/4 Road
Grand Junction, CO 81503

ATTN: Contracts Department, PO# 24231 x

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 Laboratories

Sample Summary

S M Stoller

Job No: F41230

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

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
F41230-1	06/02/06	11:07	JPC	06/02/06	AQ	Ground Water	PIN12-TRTE-N002*B100

SAMPLE DELIVERY GROUP CASE NARRATIVE

Client: S M Stoller **Job No:** F41230

Site: Star Center-B100 Monthly/Effluent; Largo, FL **Report Date** 6/15/2006

1 Sample was received at Accutest on 06/02/2006 properly preserved, at 2.6 Deg. C and intact. These Samples received an Accutest job number of F41230. 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:** VB1654

Samples F41184-6MS, F41184-6MSD were used as the QC samples indicated.

All method blanks for this batch meet method specific criteria.

F41230-1: 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: June 19, 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:	F41230-1	**Date Sampled:**	06/02/06
Matrix:	AQ - Ground Water	**Date Received:**	06/02/06
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]	B039019.D	1	06/08/06	KW	n/a	n/a	VB1654
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	91%		73-126%
2037-26-5	Toluene-D8	102%		86-112%
460-00-4	4-Bromofluorobenzene	114%		83-119%

(a) Sample collected on 06/02/06 at 11:07.
(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 #: F41217
ACCUTEST QUOTE #: F41230

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

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	NaOH	NONE	BTEX, Total VOAs (by 624)	LAB USE ONLY
1	PIN12-TRTE-N002 * B100	6-2-06	1107	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]	6-2-06 1510	1. Luis Accutest 310 6-2-06	2. Luis Accutest	6-3-06 8:00	2. Steven Brown
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

F41230: Chain of Customy
Page 1 of 2

ACCUTEST LABORATORIES SAMPLE RECEIPT CONFIRMATION

ACCUTEST'S JOB NUMBER: F41230 CLIENT: S.M. Stoller PROJECT: Star Center

DATE/TIME RECEIVED: 6-3-06 / 8:00 # 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
- [ ] 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 [signature] 6-3-06 TECHNICIAN SIGNATURE/DATE

4.1

4

F41230: 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: F41230
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
VB1654-MB	B039010.D	1	06/07/06	KW	n/a	n/a	VB1654

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

F41230-1

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	100%	86-112%
460-00-4	4-Bromofluorobenzene	112%	83-119%

Blank Spike Summary

Job Number: F41230
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
VB1654-BS	B039009.D	1	06/07/06	KW	n/a	n/a	VB1654

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

F41230-1

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
71-43-2	Benzene	25	28.3	113	80-120
100-41-4	Ethylbenzene	25	25.5	102	82-115
108-88-3	Toluene	25	26.1	104	81-114
	m,p-Xylene	50	50.8	102	83-118
95-47-6	o-Xylene	25	25.7	103	77-119

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

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F41230
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
F41184-6MS	B039012.D	10	06/07/06	KW	n/a	n/a	VB1654
F41184-6MSD	B039013.D	10	06/07/06	KW	n/a	n/a	VB1654
F41184-6	B039011.D	10	06/07/06	KW	n/a	n/a	VB1654

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

F41230-1

CAS No.	Compound	F41184-6 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	ND		250	290	116	282	113	3	72-125/7
100-41-4	Ethylbenzene	ND		250	264	106	260	104	2	73-119/8
108-88-3	Toluene	ND		250	271	108	263	105	3	67-123/8
	m,p-Xylene	ND		500	531	106	521	104	2	74-123/7
95-47-6	o-Xylene	ND		250	261	104	255	102	2	68-123/7

CAS No.	Surrogate Recoveries	MS	MSD	F41184-6	Limits
1868-53-7	Dibromofluoromethane	100%	99%	100%	86-115%
17060-07-0	1,2-Dichloroethane-D4	96%	97%	93%	73-126%
2037-26-5	Toluene-D8	101%	99%	98%	86-112%
460-00-4	4-Bromofluorobenzene	99%	101%	108%	83-119%

Southeast ACCUTEST Laboratories

IT'S ALL IN THE CHEMISTRY

07/20/06

Technical Report for

S M Stoller

Star Center-B100

7021-877

Accutest Job Number: F41938

Sampling Date: 07/06/06

Report to:

US Dept of Energy, Grand Jct Office
2597 B3/4 Road
Grand Junction, CO 81503

ATTN: Contracts Department, PO# 24231 x

Total number of pages in report: **65**

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 Laboratories

Sample Summary

S M Stoller

Job No: F41938

Star Center-B100
Project No: 7021-877

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
F41938-1	07/06/06	09:45	BNR	07/06/06	AQ	Ground Water	PIN12-RW01-N001
F41938-2	07/06/06	09:50	BNR	07/06/06	AQ	Ground Water	PIN12-RW02-N001
F41938-3	07/06/06	10:30	BNR	07/06/06	AQ	Ground Water	PIN12-TRTI-N001
F41938-4	07/06/06	10:20	BNR	07/06/06	AQ	Ground Water	PIN12-TRTE-N001

SAMPLE DELIVERY GROUP CASE NARRATIVE

Client: S M Stoller **Job No:** F41938

Site: Star Center-B100 **Report Date** 7/20/2006

4 Samples were collected on 07/06/2006 and were received at Accutest on 07/06/2006 properly preserved, at 2.6 Deg. C and intact. These Samples received an Accutest job number of F41938. 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:** VB1684

Samples F41938-3MS, F41938-3MSD were used as the QC samples indicated.

All method blanks for this batch meet method specific criteria.

Sample F41938-3 has a compound, Methylene chloride, reported with a "B" qualifier, indicating analyte is found in the associated method blank. Suspected laboratory contaminant.
MS/MSD recoveries for 2-Chloroethyl vinyl ether are outside control limits. RPDs for MS/MSD for Dichlorodifluoromethane, Methyl bromide, Methyl chloride, Vinyl chloride are outside control limits for sample F41938-3MSD. Blank Spike is within limits.

Matrix: AQ **Batch ID:** VB1686

Samples F42077-1MS, F42077-1MSD were used as the QC samples indicated.

All method blanks for this batch meet method specific criteria.

All method blanks for this batch meet method specific criteria.

F41938-4: Sample was treated with an anti-foaming agent.

Volatiles by GCMS By Method SW846 8260B

Matrix: AQ **Batch ID:** VB1689

Samples F41950-1MS, F41950-1MSD were used as the QC samples indicated.

All method blanks for this batch meet method specific criteria.

Sample F41938-2 has a compound, Methylene chloride, reported with a "B" qualifier, indicating analyte is found in the associated method blank. Suspected laboratory contaminant.

Matrix: AQ **Batch ID:** VB1690

Samples F42127-4MS, F42127-4MSD were used as the QC samples indicated.

All method blanks for this batch meet method specific criteria.

Sample F41938-1 has a compound, Methylene chloride, reported with a "B" qualifier, indicating analyte is found in the associated method blank. Suspected laboratory contaminant

Extractables by GCMS By Method EPA 625

Matrix: AQ **Batch ID:** OP17184

Samples F41938-4MS, F41938-4MSD 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:** MP9871

All method blanks for this batch meet method specific criteria.

Samples F41932-5DUP, F41932-5MS, F41932-5MSD, F41932-5SDL were used as the QC samples for metals.

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

_____ Date: July 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:	F41938-1	**Date Sampled:**	07/06/06
Matrix:	AQ - Ground Water	**Date Received:**	07/06/06
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Star Center-B100		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	B040032.D	100	07/19/06	KW	n/a	n/a	VB1690
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	2290	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	56.4	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 [a]	182	500	100	ug/l	JB
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	4390	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:	F41938-1	**Date Sampled:**	07/06/06
Matrix:	AQ - Ground Water	**Date Received:**	07/06/06
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	587	100	50	ug/l	
	m,p-Xylene	ND	200	50	ug/l	
95-47-6	o-Xylene	ND	100	50	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	105%		86-115%
17060-07-0	1,2-Dichloroethane-D4	103%		73-126%
2037-26-5	Toluene-D8	100%		86-112%
460-00-4	4-Bromofluorobenzene	108%		83-119%

(a) Suspected laboratory contaminant.

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:	F41938-2	**Date Sampled:**	07/06/06
Matrix:	AQ - Ground Water	**Date Received:**	07/06/06
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Star Center-B100		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	B040010.D	10	07/18/06	KW	n/a	n/a	VB1689
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	7.1	10	5.0	ug/l	J
75-35-4	1,1-Dichloroethylene	15.8	10	5.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	10	5.0	ug/l	
78-87-5	1,2-Dichloropropane	ND	10	5.0	ug/l	
124-48-1	Dibromochloromethane	ND	10	4.0	ug/l	
75-71-8	Dichlorodifluoromethane	ND	10	5.0	ug/l	
156-59-2	cis-1,2-Dichloroethylene	593	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	42.7	10	5.0	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	10	3.0	ug/l	
100-41-4	Ethylbenzene	ND	10	5.0	ug/l	
74-83-9	Methyl bromide	ND	20	10	ug/l	
74-87-3	Methyl chloride	ND	20	10	ug/l	
75-09-2	Methylene chloride [a]	16.7	50	10	ug/l	JB
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	291	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:	F41938-2	**Date Sampled:**	07/06/06
Matrix:	AQ - Ground Water	**Date Received:**	07/06/06
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	102%		86-115%
17060-07-0	1,2-Dichloroethane-D4	102%		73-126%
2037-26-5	Toluene-D8	100%		86-112%
460-00-4	4-Bromofluorobenzene	110%		83-119%

(a) Suspected laboratory contaminant.

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:	F41938-3	**Date Sampled:**	07/06/06
Matrix:	AQ - Ground Water	**Date Received:**	07/06/06
Method:	EPA 624	**Percent Solids:**	n/a
Project:	Star Center-B100		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	B039896.D	20	07/13/06	KW	n/a	n/a	VB1684
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	1120	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	1120	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	26.2	20	10	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	20	6.0	ug/l	
100-41-4	Ethylbenzene	ND	20	10	ug/l	
74-83-9	Methyl bromide	ND	40	20	ug/l	
74-87-3	Methyl chloride	ND	40	20	ug/l	
75-09-2	Methylene chloride [a]	25.7	100	20	ug/l	JB
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	1110	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:	F41938-3	**Date Sampled:**	07/06/06
Matrix:	AQ - Ground Water	**Date Received:**	07/06/06
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	113	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%		86-115%
17060-07-0	1,2-Dichloroethane-D4	105%		73-126%
2037-26-5	Toluene-D8	98%		86-112%
460-00-4	4-Bromofluorobenzene	103%		83-119%

(a) Suspected laboratory contaminant.

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:	F41938-3	**Date Sampled:**	07/06/06
Matrix:	AQ - Ground Water	**Date Received:**	07/06/06
		Percent Solids:	n/a
Project:	Star Center-B100		

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Iron	4790	300	15	ug/l	1	07/10/06	07/10/06	RS	SW846 6010B [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA5074
(2) Prep QC Batch: MP9871

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:	F41938-3	**Date Sampled:**	07/06/06
Matrix:	AQ - Ground Water	**Date Received:**	07/06/06
		Percent Solids:	n/a
Project:	Star Center-B100		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Hardness, Total as CaCO3	358	4.0	mg/l	1	07/20/06	DM	SW846 6010B/SM 2340B

RL = Reporting Limit

Report of Analysis

Client Sample ID:	PIN12-TRTE-N001		
Lab Sample ID:	F41938-4	**Date Sampled:**	07/06/06
Matrix:	AQ - Ground Water	**Date Received:**	07/06/06
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]	B039950.D	1	07/14/06	KW	n/a	n/a	VB1686
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	8.8	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	0.93	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:	F41938-4	**Date Sampled:**	07/06/06
Matrix:	AQ - Ground Water	**Date Received:**	07/06/06
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	103%		86-115%
17060-07-0	1,2-Dichloroethane-D4	105%		73-126%
2037-26-5	Toluene-D8	102%		86-112%
460-00-4	4-Bromofluorobenzene	114%		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:	F41938-4	**Date Sampled:**	07/06/06
Matrix:	AQ - Ground Water	**Date Received:**	07/06/06
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	R03880.D	1	07/14/06	NJ	07/13/06	OP17184	SR183
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:	F41938-4	**Date Sampled:**	07/06/06
Matrix:	AQ - Ground Water	**Date Received:**	07/06/06
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	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:	F41938-4	**Date Sampled:**	07/06/06
Matrix:	AQ - Ground Water	**Date Received:**	07/06/06
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	80%		49-119%
321-60-8	2-Fluorobiphenyl	80%		45-118%
1718-51-0	Terphenyl-d14	80%		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:	F41938-4	**Date Sampled:**	07/06/06
Matrix:	AQ - Ground Water	**Date Received:**	07/06/06
		Percent Solids:	n/a
Project:	Star Center-B100		

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Iron	4710	300	15	ug/l	1	07/10/06	07/10/06	RS	SW846 6010B [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA5074
(2) Prep QC Batch: MP9871

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:	F41938-4	**Date Sampled:**	07/06/06
Matrix:	AQ - Ground Water	**Date Received:**	07/06/06
		Percent Solids:	n/a
Project:	Star Center-B100		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Hardness, Total as CaCO3	358	4.0	mg/l	1	07/20/06	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 JOB #: F41938
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: 8100
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	NaOH	HNO3	H2SO4	NONE	VOC's - 8260	VOC's - 624	SVOC's - 625	Fe + Hardness	LAB USE ONLY
1	PIN12-RW01-N001	7/6/06	0945	BNR	GW	3	3					3				
2	PIN12-RW02-N001	↓	0950	↓	↓	3	3					3				
3	PIN12-TRTI-N001	↓	1030	↓	↓	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

Received

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]	7/6/06 - 0930	1. Luis Alce	2. Luis Alce	7/6/6 2'3	2.
RELINQUISHED BY:	DATE TIME:	RECEIVED BY:	RELINQUISHED BY:	DATE TIME:	RECEIVED BY:
3. [signature]	7/6/06 -	3. [signature] 7-7-06/8:00	4.		4.
RELINQUISHED BY:	DATE TIME:	RECEIVED BY:	SEAL #	PRESERVE WHERE APPLICABLE ☐	ON ICE ☐
5.		5.			TEMPERATURE 2.6 C

F41938: Chain of Custody
Page 1 of 2

ACCUTEST LABORATORIES SAMPLE RECEIPT CONFIRMATION

ACCUTEST'S JOB NUMBER: F41938 CLIENT: S. M. Stoller PROJECT: Stat Center - monthly

DATE/TIME RECEIVED: 7-1-06 / 8:00 # 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
- [ ] 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

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 ? Ø

NUMBER OF 5035 FIELD KITS ? Ø

NUMBER OR LAB FILTERED METALS ? Ø

SUMMARY OF COMMENTS:

TECHNICIAN SIGNATURE/DATE Steven Ocean 7-1-06 TECHNICIAN SIGNATURE/DATE

ASBD03/27/06

4.1

4

F41938: 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: F41938
Account: STOLCOGJ S M Stoller
Project: Star Center-B100

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VB1684-MB	B039895.D	1	07/13/06	KW	n/a	n/a	VB1684

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

F41938-3

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	1.4	5.0	1.0	ug/l	J
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: F41938
Account: STOLCOGJ S M Stoller
Project: Star Center-B100

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VB1684-MB	B039895.D	1	07/13/06	KW	n/a	n/a	VB1684

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

F41938-3

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

Method Blank Summary

Job Number: F41938
Account: STOLCOGJ S M Stoller
Project: Star Center-B100

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VB1686-MB	B039949.D	1	07/14/06	KW	n/a	n/a	VB1686

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

F41938-4

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	1.8	5.0	1.0	ug/l	J
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: F41938
Account: STOLCOGJ S M Stoller
Project: Star Center-B100

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VB1686-MB	B039949.D	1	07/14/06	KW	n/a	n/a	VB1686

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

F41938-4

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	104%	86-115%
17060-07-0	1,2-Dichloroethane-D4	105%	73-126%
2037-26-5	Toluene-D8	100%	86-112%
460-00-4	4-Bromofluorobenzene	111%	83-119%

Method Blank Summary

Job Number: F41938
Account: STOLCOGJ S M Stoller
Project: Star Center-B100

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VB1689-MB	B040004.D	1	07/18/06	KW	n/a	n/a	VB1689

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

F41938-2

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	1.9	5.0	1.0	ug/l	J
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: F41938
Account: STOLCOGJ S M Stoller
Project: Star Center-B100

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VB1689-MB	B040004.D	1	07/18/06	KW	n/a	n/a	VB1689

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

F41938-2

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	102%	86-115%
17060-07-0	1,2-Dichloroethane-D4	97%	73-126%
2037-26-5	Toluene-D8	100%	86-112%
460-00-4	4-Bromofluorobenzene	109%	83-119%

Method Blank Summary

Job Number: F41938
Account: STOLCOGJ S M Stoller
Project: Star Center-B100

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VB1690-MB	B040031.D	1	07/19/06	KW	n/a	n/a	VB1690

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

F41938-1

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.50	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.50	ug/l	
75-25-2	Bromoform	ND	1.0	0.50	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.50	ug/l	
75-00-3	Chloroethane	ND	2.0	1.0	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
110-75-8	2-Chloroethyl vinyl ether	ND	5.0	2.5	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.50	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.50	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.50	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.50	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.50	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.40	ug/l	
75-71-8	Dichlorodifluoromethane	ND	1.0	0.50	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	1.0	0.50	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.30	ug/l	
541-73-1	m-Dichlorobenzene	ND	1.0	0.50	ug/l	
95-50-1	o-Dichlorobenzene	ND	1.0	0.50	ug/l	
106-46-7	p-Dichlorobenzene	ND	1.0	0.50	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.50	ug/l	
74-83-9	Methyl bromide	ND	2.0	1.0	ug/l	
74-87-3	Methyl chloride	ND	2.0	1.0	ug/l	
75-09-2	Methylene chloride	1.5	5.0	1.0	ug/l	J
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: F41938
Account: STOLCOGJ S M Stoller
Project: Star Center-B100

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VB1690-MB	B040031.D	1	07/19/06	KW	n/a	n/a	VB1690

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

F41938-1

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	104%	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%

Blank Spike Summary

Job Number: F41938
Account: STOLCOGJ S M Stoller
Project: Star Center-B100

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VB1684-BS	B039894.D	1	07/13/06	KW	n/a	n/a	VB1684

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

F41938-3

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
71-43-2	Benzene	25	27.0	108	80-120
75-27-4	Bromodichloromethane	25	25.5	102	75-120
75-25-2	Bromoform	25	26.3	105	60-129
108-90-7	Chlorobenzene	25	26.2	105	82-112
75-00-3	Chloroethane	25	25.3	101	67-148
67-66-3	Chloroform	25	27.3	109	78-118
110-75-8	2-Chloroethyl vinyl ether	125	106	85	23-132
56-23-5	Carbon tetrachloride	25	27.5	110	69-137
75-34-3	1,1-Dichloroethane	25	27.5	110	75-117
75-35-4	1,1-Dichloroethylene	25	27.1	108	67-134
107-06-2	1,2-Dichloroethane	25	27.0	108	68-121
78-87-5	1,2-Dichloropropane	25	26.5	106	78-122
124-48-1	Dibromochloromethane	25	24.3	97	68-118
75-71-8	Dichlorodifluoromethane	25	20.9	84	43-173
156-59-2	cis-1,2-Dichloroethylene	25	25.9	104	81-120
10061-01-5	cis-1,3-Dichloropropene	25	25.7	103	73-115
541-73-1	m-Dichlorobenzene	25	26.7	107	78-116
95-50-1	o-Dichlorobenzene	25	26.5	106	77-115
106-46-7	p-Dichlorobenzene	25	25.8	103	77-113
156-60-5	trans-1,2-Dichloroethylene	25	26.6	106	74-125
10061-02-6	trans-1,3-Dichloropropene	25	25.4	102	69-115
100-41-4	Ethylbenzene	25	26.0	104	82-115
74-83-9	Methyl bromide	25	21.7	87	60-165
74-87-3	Methyl chloride	25	22.1	88	58-152
75-09-2	Methylene chloride	25	25.8	103	66-125
1634-04-4	Methyl Tert Butyl Ether	25	24.3	97	67-127
71-55-6	1,1,1-Trichloroethane	25	27.8	111	78-132
79-34-5	1,1,2,2-Tetrachloroethane	25	24.2	97	67-119
79-00-5	1,1,2-Trichloroethane	25	24.3	97	74-115
127-18-4	Tetrachloroethylene	25	24.8	99	75-126
108-88-3	Toluene	25	24.6	98	81-114
79-01-6	Trichloroethylene	25	26.2	105	80-115
75-69-4	Trichlorofluoromethane	25	28.1	112	65-163
75-01-4	Vinyl chloride	25	24.6	98	70-151
	m,p-Xylene	50	54.1	108	83-118
95-47-6	o-Xylene	25	28.4	114	77-119

Blank Spike Summary

Job Number: F41938
Account: STOLCOGJ S M Stoller
Project: Star Center-B100

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VB1684-BS	B039894.D	1	07/13/06	KW	n/a	n/a	VB1684

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

F41938-3

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	101%	86-115%
17060-07-0	1,2-Dichloroethane-D4	110%	73-126%
2037-26-5	Toluene-D8	95%	86-112%
460-00-4	4-Bromofluorobenzene	99%	83-119%

Blank Spike Summary

Job Number: F41938
Account: STOLCOGJ S M Stoller
Project: Star Center-B100

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VB1686-BS	B039948.D	1	07/14/06	KW	n/a	n/a	VB1686

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

F41938-4

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
71-43-2	Benzene	25	25.1	100	80-120
75-27-4	Bromodichloromethane	25	24.2	97	75-120
75-25-2	Bromoform	25	22.6	90	60-129
108-90-7	Chlorobenzene	25	25.0	100	82-112
75-00-3	Chloroethane	25	29.1	116	67-148
67-66-3	Chloroform	25	26.2	105	78-118
110-75-8	2-Chloroethyl vinyl ether	125	85.8	69	23-132
56-23-5	Carbon tetrachloride	25	26.4	106	69-137
75-34-3	1,1-Dichloroethane	25	26.2	105	75-117
75-35-4	1,1-Dichloroethylene	25	25.3	101	67-134
107-06-2	1,2-Dichloroethane	25	25.0	100	68-121
78-87-5	1,2-Dichloropropane	25	24.4	98	78-122
124-48-1	Dibromochloromethane	25	22.7	91	68-118
75-71-8	Dichlorodifluoromethane	25	28.3	113	43-173
156-59-2	cis-1,2-Dichloroethylene	25	24.0	96	81-120
10061-01-5	cis-1,3-Dichloropropene	25	23.5	94	73-115
541-73-1	m-Dichlorobenzene	25	24.1	96	78-116
95-50-1	o-Dichlorobenzene	25	23.8	95	77-115
106-46-7	p-Dichlorobenzene	25	23.3	93	77-113
156-60-5	trans-1,2-Dichloroethylene	25	25.6	102	74-125
10061-02-6	trans-1,3-Dichloropropene	25	24.3	97	69-115
100-41-4	Ethylbenzene	25	25.1	100	82-115
74-83-9	Methyl bromide	25	26.7	107	60-165
74-87-3	Methyl chloride	25	26.6	106	58-152
75-09-2	Methylene chloride	25	24.1	96	66-125
1634-04-4	Methyl Tert Butyl Ether	25	22.2	89	67-127
71-55-6	1,1,1-Trichloroethane	25	26.6	106	78-132
79-34-5	1,1,2,2-Tetrachloroethane	25	20.1	80	67-119
79-00-5	1,1,2-Trichloroethane	25	22.6	90	74-115
127-18-4	Tetrachloroethylene	25	24.1	96	75-126
108-88-3	Toluene	25	23.7	95	81-114
79-01-6	Trichloroethylene	25	25.9	104	80-115
75-69-4	Trichlorofluoromethane	25	33.2	133	65-163
75-01-4	Vinyl chloride	25	30.1	120	70-151
	m,p-Xylene	50	51.4	103	83-118
95-47-6	o-Xylene	25	26.7	107	77-119

Blank Spike Summary

Job Number: F41938
Account: STOLCOGJ S M Stoller
Project: Star Center-B100

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VB1686-BS	B039948.D	1	07/14/06	KW	n/a	n/a	VB1686

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

F41938-4

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	102%	86-115%
17060-07-0	1,2-Dichloroethane-D4	108%	73-126%
2037-26-5	Toluene-D8	99%	86-112%
460-00-4	4-Bromofluorobenzene	96%	83-119%

Blank Spike Summary

Job Number: F41938
Account: STOLCOGJ S M Stoller
Project: Star Center-B100

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VB1689-BS	B040003.D	1	07/18/06	KW	n/a	n/a	VB1689

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

F41938-2

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
71-43-2	Benzene	25	27.2	109	80-120
75-27-4	Bromodichloromethane	25	25.4	102	75-120
75-25-2	Bromoform	25	22.0	88	60-129
108-90-7	Chlorobenzene	25	26.4	106	82-112
75-00-3	Chloroethane	25	34.3	137	67-148
67-66-3	Chloroform	25	27.3	109	78-118
110-75-8	2-Chloroethyl vinyl ether	125	80.1	64	23-132
56-23-5	Carbon tetrachloride	25	28.8	115	69-137
75-34-3	1,1-Dichloroethane	25	27.9	112	75-117
75-35-4	1,1-Dichloroethylene	25	27.4	110	67-134
107-06-2	1,2-Dichloroethane	25	24.9	100	68-121
78-87-5	1,2-Dichloropropane	25	26.2	105	78-122
124-48-1	Dibromochloromethane	25	22.9	92	68-118
75-71-8	Dichlorodifluoromethane	25	33.6	134	43-173
156-59-2	cis-1,2-Dichloroethylene	25	25.7	103	81-120
10061-01-5	cis-1,3-Dichloropropene	25	26.7	107	73-115
541-73-1	m-Dichlorobenzene	25	25.8	103	78-116
95-50-1	o-Dichlorobenzene	25	25.1	100	77-115
106-46-7	p-Dichlorobenzene	25	25.2	101	77-113
156-60-5	trans-1,2-Dichloroethylene	25	27.6	110	74-125
10061-02-6	trans-1,3-Dichloropropene	25	26.5	106	69-115
100-41-4	Ethylbenzene	25	26.7	107	82-115
74-83-9	Methyl bromide	25	35.2	141	60-165
74-87-3	Methyl chloride	25	32.5	130	58-152
75-09-2	Methylene chloride	25	26.1	104	66-125
1634-04-4	Methyl Tert Butyl Ether	25	22.9	92	67-127
71-55-6	1,1,1-Trichloroethane	25	28.4	114	78-132
79-34-5	1,1,2,2-Tetrachloroethane	25	18.9	76	67-119
79-00-5	1,1,2-Trichloroethane	25	22.4	90	74-115
127-18-4	Tetrachloroethylene	25	25.9	104	75-126
108-88-3	Toluene	25	25.6	102	81-114
79-01-6	Trichloroethylene	25	27.7	111	80-115
75-69-4	Trichlorofluoromethane	25	37.8	151	65-163
75-01-4	Vinyl chloride	25	36.2	145	70-151
	m,p-Xylene	50	54.5	109	83-118
95-47-6	o-Xylene	25	27.9	112	77-119

Blank Spike Summary

Job Number: F41938
Account: STOLCOGJ S M Stoller
Project: Star Center-B100

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VB1689-BS	B040003.D	1	07/18/06	KW	n/a	n/a	VB1689

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

F41938-2

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	100%	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	92%	83-119%

Blank Spike Summary

Job Number: F41938
Account: STOLCOGJ S M Stoller
Project: Star Center-B100

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VB1690-BS	B040030.D	1	07/19/06	KW	n/a	n/a	VB1690

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

F41938-1

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
71-43-2	Benzene	25	27.6	110	80-120
75-27-4	Bromodichloromethane	25	26.1	104	75-120
75-25-2	Bromoform	25	21.9	88	60-129
108-90-7	Chlorobenzene	25	27.0	108	82-112
75-00-3	Chloroethane	25	36.9	148	67-148
67-66-3	Chloroform	25	28.1	112	78-118
110-75-8	2-Chloroethyl vinyl ether	125	80.3	64	23-132
56-23-5	Carbon tetrachloride	25	28.9	116	69-137
75-34-3	1,1-Dichloroethane	25	28.6	114	75-117
75-35-4	1,1-Dichloroethylene	25	28.3	113	67-134
107-06-2	1,2-Dichloroethane	25	26.0	104	68-121
78-87-5	1,2-Dichloropropane	25	26.5	106	78-122
124-48-1	Dibromochloromethane	25	23.9	96	68-118
75-71-8	Dichlorodifluoromethane	25	33.4	134	43-173
156-59-2	cis-1,2-Dichloroethylene	25	26.5	106	81-120
10061-01-5	cis-1,3-Dichloropropene	25	26.2	105	73-115
541-73-1	m-Dichlorobenzene	25	26.0	104	78-116
95-50-1	o-Dichlorobenzene	25	24.9	100	77-115
106-46-7	p-Dichlorobenzene	25	24.9	100	77-113
156-60-5	trans-1,2-Dichloroethylene	25	28.4	114	74-125
10061-02-6	trans-1,3-Dichloropropene	25	26.5	106	69-115
100-41-4	Ethylbenzene	25	27.0	108	82-115
74-83-9	Methyl bromide	25	36.0	144	60-165
74-87-3	Methyl chloride	25	33.4	134	58-152
75-09-2	Methylene chloride	25	26.7	107	66-125
1634-04-4	Methyl Tert Butyl Ether	25	22.4	90	67-127
71-55-6	1,1,1-Trichloroethane	25	28.9	116	78-132
79-34-5	1,1,2,2-Tetrachloroethane	25	19.8	79	67-119
79-00-5	1,1,2-Trichloroethane	25	22.3	89	74-115
127-18-4	Tetrachloroethylene	25	26.1	104	75-126
108-88-3	Toluene	25	25.9	104	81-114
79-01-6	Trichloroethylene	25	27.9	112	80-115
75-69-4	Trichlorofluoromethane	25	40.0	160	65-163
75-01-4	Vinyl chloride	25	37.0	148	70-151
	m,p-Xylene	50	55.5	111	83-118
95-47-6	o-Xylene	25	29.0	116	77-119

Blank Spike Summary

Job Number: F41938
Account: STOLCOGJ S M Stoller
Project: Star Center-B100

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VB1690-BS	B040030.D	1	07/19/06	KW	n/a	n/a	VB1690

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

F41938-1

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	100%	86-112%
460-00-4	4-Bromofluorobenzene	95%	83-119%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F41938
Account: STOLCOGJ S M Stoller
Project: Star Center-B100

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
F41938-3MS	B039897.D	20	07/13/06	KW	n/a	n/a	VB1684
F41938-3MSD	B039898.D	20	07/13/06	KW	n/a	n/a	VB1684
F41938-3	B039896.D	20	07/13/06	KW	n/a	n/a	VB1684

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

F41938-3

CAS No.	Compound	F41938-3 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	ND		500	528	106	522	104	1	72-125/7
75-27-4	Bromodichloromethane	ND		500	494	99	501	100	1	72-120/8
75-25-2	Bromoform	ND		500	511	102	503	101	2	55-127/11
108-90-7	Chlorobenzene	ND		500	521	104	516	103	1	79-113/7
75-00-3	Chloroethane	ND		500	505	101	573	115	13	56-164/14
67-66-3	Chloroform	1120		500	1620	100	1630	102	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	544	109	534	107	2	56-145/12
75-34-3	1,1-Dichloroethane	ND		500	545	109	541	108	1	70-122/10
75-35-4	1,1-Dichloroethylene	ND		500	539	108	550	110	2	61-137/15
107-06-2	1,2-Dichloroethane	ND		500	521	104	527	105	1	64-124/7
78-87-5	1,2-Dichloropropane	ND		500	523	105	525	105	0	74-123/8
124-48-1	Dibromochloromethane	ND		500	492	98	488	98	1	63-119/9
75-71-8	Dichlorodifluoromethane	ND		500	413	83	540	108	27*	35-184/21
156-59-2	cis-1,2-Dichloroethylene	1120		500	1630	102	1610	98	1	74-125/9
10061-01-5	cis-1,3-Dichloropropene	ND		500	484	97	491	98	1	65-112/10
541-73-1	m-Dichlorobenzene	ND		500	507	101	498	100	2	74-114/7
95-50-1	o-Dichlorobenzene	ND		500	501	100	511	102	2	73-114/8
106-46-7	p-Dichlorobenzene	ND		500	491	98	496	99	1	74-112/7
156-60-5	trans-1,2-Dichloroethylene	26.2		500	550	105	548	104	0	70-127/11
10061-02-6	trans-1,3-Dichloropropene	ND		500	509	102	513	103	1	59-116/11
100-41-4	Ethylbenzene	ND		500	519	104	508	102	2	73-119/8
74-83-9	Methyl bromide	ND		500	446	89	556	111	22*	52-172/16
74-87-3	Methyl chloride	ND		500	434	87	547	109	23*	53-155/19
75-09-2	Methylene chloride	25.7	JB	500	493	93	501	95	2	61-129/11
1634-04-4	Methyl Tert Butyl Ether	ND		500	485	97	489	98	1	61-129/9
71-55-6	1,1,1-Trichloroethane	ND		500	535	107	540	108	1	72-133/8
79-34-5	1,1,2,2-Tetrachloroethane	ND		500	468	94	475	95	1	64-120/10
79-00-5	1,1,2-Trichloroethane	ND		500	496	99	491	98	1	72-116/9
127-18-4	Tetrachloroethylene	ND		500	505	101	503	101	0	70-126/9
108-88-3	Toluene	ND		500	491	98	486	97	1	67-123/8
79-01-6	Trichloroethylene	1110		500	1650	108	1660	110	1	73-117/10
75-69-4	Trichlorofluoromethane	ND		500	558	112	615	123	10	52-164/16
75-01-4	Vinyl chloride	113		500	589	95	761	130	25*	63-161/18
	m,p-Xylene	ND		1000	1090	109	1070	107	2	74-123/7
95-47-6	o-Xylene	ND		500	558	112	562	112	1	68-123/7

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F41938
Account: STOLCOGJ S M Stoller
Project: Star Center-B100

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
F41938-3MS	B039897.D	20	07/13/06	KW	n/a	n/a	VB1684
F41938-3MSD	B039898.D	20	07/13/06	KW	n/a	n/a	VB1684
F41938-3	B039896.D	20	07/13/06	KW	n/a	n/a	VB1684

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

F41938-3

CAS No.	Surrogate Recoveries	MS	MSD	F41938-3	Limits
1868-53-7	Dibromofluoromethane	100%	101%	104%	86-115%
17060-07-0	1,2-Dichloroethane-D4	107%	109%	105%	73-126%
2037-26-5	Toluene-D8	97%	98%	98%	86-112%
460-00-4	4-Bromofluorobenzene	93%	96%	103%	83-119%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F41938
Account: STOLCOGJ S M Stoller
Project: Star Center-B100

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
F42077-1MS	B039952.D	1	07/15/06	KW	n/a	n/a	VB1686
F42077-1MSD	B039953.D	1	07/15/06	KW	n/a	n/a	VB1686
F42077-1	B039951.D	1	07/15/06	KW	n/a	n/a	VB1686

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

F41938-4

CAS No.	Compound	F42077-1 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	25.6	102	25.6	102	0	72-125/7
75-27-4	Bromodichloromethane	1.0 U		25	24.1	96	24.3	97	1	72-120/8
75-25-2	Bromoform	1.0 U		25	22.0	88	22.0	88	0	55-127/11
108-90-7	Chlorobenzene	1.0 U		25	25.4	102	25.2	101	1	79-113/7
75-00-3	Chloroethane	2.0 U		25	27.1	108	32.2	129	17*	56-164/14
67-66-3	Chloroform	1.0 U		25	26.5	106	26.1	104	2	75-120/8
110-75-8	2-Chloroethyl vinyl ether	5.0 U		125	ND	0*	ND	0*	nc	8-137/18
56-23-5	Carbon tetrachloride	1.0 U		25	26.7	107	27.2	109	2	56-145/12
75-34-3	1,1-Dichloroethane	1.0 U		25	26.6	106	26.4	106	1	70-122/10
75-35-4	1,1-Dichloroethylene	1.0 U		25	25.5	102	25.7	103	1	61-137/15
107-06-2	1,2-Dichloroethane	1.0 U		25	25.3	101	24.7	99	2	64-124/7
78-87-5	1,2-Dichloropropane	1.0 U		25	25.2	101	25.0	100	1	74-123/8
124-48-1	Dibromochloromethane	1.0 U		25	23.1	92	22.9	92	1	63-119/9
75-71-8	Dichlorodifluoromethane	1.0 U		25	26.1	104	33.6	134	25*	35-184/21
156-59-2	cis-1,2-Dichloroethylene	1.0 U		25	24.0	96	24.1	96	0	74-125/9
10061-01-5	cis-1,3-Dichloropropene	1.0 U		25	22.6	90	22.8	91	1	65-112/10
541-73-1	m-Dichlorobenzene	1.0 U		25	24.5	98	25.1	100	2	74-114/7
95-50-1	o-Dichlorobenzene	1.0 U		25	24.6	98	24.3	97	1	73-114/8
106-46-7	p-Dichlorobenzene	1.0 U		25	24.4	98	24.6	98	1	74-112/7
156-60-5	trans-1,2-Dichloroethylene	1.0 U		25	26.0	104	25.9	104	0	70-127/11
10061-02-6	trans-1,3-Dichloropropene	1.0 U		25	23.6	94	23.6	94	0	59-116/11
100-41-4	Ethylbenzene	1.0 U		25	25.2	101	25.2	101	0	73-119/8
74-83-9	Methyl bromide	2.0 U		25	25.2	101	31.0	124	21*	52-172/16
74-87-3	Methyl chloride	2.0 U		25	24.6	98	31.5	126	25*	53-155/19
75-09-2	Methylene chloride	5.0 U		25	23.5	94	23.7	95	1	61-129/11
1634-04-4	Methyl Tert Butyl Ether	1.0 U		25	22.3	89	22.2	89	0	61-129/9
71-55-6	1,1,1-Trichloroethane	1.0 U		25	26.7	107	26.8	107	0	72-133/8
79-34-5	1,1,2,2-Tetrachloroethane	1.0 U		25	20.3	81	20.9	84	3	64-120/10
79-00-5	1,1,2-Trichloroethane	1.0 U		25	21.9	88	22.2	89	1	72-116/9
127-18-4	Tetrachloroethylene	1.0 U		25	23.3	93	23.6	94	1	70-126/9
108-88-3	Toluene	1.0 U		25	23.7	95	23.6	94	0	67-123/8
79-01-6	Trichloroethylene	1.0 U		25	25.5	102	25.5	102	0	73-117/10
75-69-4	Trichlorofluoromethane	2.0 U		25	30.7	123	33.6	134	9	52-164/16
75-01-4	Vinyl chloride	1.0 U		25	27.3	109	34.7	139	24*	63-161/18
	m,p-Xylene	2.0 U		50	52.6	105	51.7	103	2	74-123/7
95-47-6	o-Xylene	1.0 U		25	27.1	108	27.3	109	1	68-123/7

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F41938
Account: STOLCOGJ S M Stoller
Project: Star Center-B100

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
F42077-1MS	B039952.D	1	07/15/06	KW	n/a	n/a	VB1686
F42077-1MSD	B039953.D	1	07/15/06	KW	n/a	n/a	VB1686
F42077-1	B039951.D	1	07/15/06	KW	n/a	n/a	VB1686

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

F41938-4

CAS No.	Surrogate Recoveries	MS	MSD	F42077-1	Limits
1868-53-7	Dibromofluoromethane	101%	99%	102%	86-115%
17060-07-0	1,2-Dichloroethane-D4	107%	104%	101%	73-126%
2037-26-5	Toluene-D8	96%	96%	99%	86-112%
460-00-4	4-Bromofluorobenzene	96%	99%	107%	83-119%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F41938
Account: STOLCOGJ S M Stoller
Project: Star Center-B100

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
F41950-1MS	B040015.D	1	07/18/06	KW	n/a	n/a	VB1689
F41950-1MSD	B040016.D	1	07/18/06	KW	n/a	n/a	VB1689
F41950-1	B040011.D	1	07/18/06	KW	n/a	n/a	VB1689

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

F41938-2

CAS No.	Compound	F41950-1 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	ND		25	26.5	106	26.2	105	1	72-125/7
75-27-4	Bromodichloromethane	ND		25	25.8	103	25.1	100	3	72-120/8
75-25-2	Bromoform	ND		25	24.3	97	22.4	90	8	55-127/11
108-90-7	Chlorobenzene	ND		25	25.4	102	25.3	101	0	79-113/7
75-00-3	Chloroethane	ND		25	30.5	122	32.0	128	5	56-164/14
67-66-3	Chloroform	0.84	J	25	28.4	110	27.7	107	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	27.7	111	27.0	108	3	56-145/12
75-34-3	1,1-Dichloroethane	ND		25	27.6	110	26.8	107	3	70-122/10
75-35-4	1,1-Dichloroethylene	ND		25	28.1	112	26.9	108	4	61-137/15
107-06-2	1,2-Dichloroethane	ND		25	25.4	102	25.9	104	2	64-124/7
78-87-5	1,2-Dichloropropane	ND		25	26.8	107	25.6	102	5	74-123/8
124-48-1	Dibromochloromethane	ND		25	23.8	95	23.4	94	2	63-119/9
75-71-8	Dichlorodifluoromethane	ND		25	26.6	106	32.8	131	21	35-184/21
156-59-2	cis-1,2-Dichloroethylene	ND		25	24.8	99	25.1	100	1	74-125/9
10061-01-5	cis-1,3-Dichloropropene	ND		25	25.6	102	24.4	98	5	65-112/10
541-73-1	m-Dichlorobenzene	ND		25	25.3	101	24.9	100	2	74-114/7
95-50-1	o-Dichlorobenzene	ND		25	24.4	98	24.9	100	2	73-114/8
106-46-7	p-Dichlorobenzene	ND		25	24.5	98	24.8	99	1	74-112/7
156-60-5	trans-1,2-Dichloroethylene	ND		25	26.9	108	26.8	107	0	70-127/11
10061-02-6	trans-1,3-Dichloropropene	ND		25	25.8	103	24.6	98	5	59-116/11
100-41-4	Ethylbenzene	ND		25	25.6	102	25.3	101	1	73-119/8
74-83-9	Methyl bromide	ND		25	26.9	108	28.8	115	7	52-172/16
74-87-3	Methyl chloride	ND		25	24.5	98	28.4	114	15	53-155/19
75-09-2	Methylene chloride	ND		25	24.6	98	24.1	96	2	61-129/11
1634-04-4	Methyl Tert Butyl Ether	1.3		25	25.9	98	25.9	98	0	61-129/9
71-55-6	1,1,1-Trichloroethane	ND		25	27.7	111	27.6	110	0	72-133/8
79-34-5	1,1,2,2-Tetrachloroethane	ND		25	23.0	92	22.9	92	0	64-120/10
79-00-5	1,1,2-Trichloroethane	ND		25	23.5	94	23.2	93	1	72-116/9
127-18-4	Tetrachloroethylene	ND		25	25.4	102	25.1	100	1	70-126/9
108-88-3	Toluene	ND		25	24.2	97	23.9	96	1	67-123/8
79-01-6	Trichloroethylene	ND		25	38.3	153*	37.4	150*	2	73-117/10
75-69-4	Trichlorofluoromethane	ND		25	35.9	144	38.3	153	6	52-164/16
75-01-4	Vinyl chloride	ND		25	28.8	115	32.6	130	12	63-161/18
	m,p-Xylene	ND		50	53.6	107	52.6	105	2	74-123/7
95-47-6	o-Xylene	ND		25	27.4	110	27.4	110	0	68-123/7

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F41938
Account: STOLCOGJ S M Stoller
Project: Star Center-B100

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
F41950-1MS	B040015.D	1	07/18/06	KW	n/a	n/a	VB1689
F41950-1MSD	B040016.D	1	07/18/06	KW	n/a	n/a	VB1689
F41950-1	B040011.D	1	07/18/06	KW	n/a	n/a	VB1689

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

F41938-2

CAS No.	Surrogate Recoveries	MS	MSD	F41950-1	Limits
1868-53-7	Dibromofluoromethane	104%	101%	103%	86-115%
17060-07-0	1,2-Dichloroethane-D4	109%	106%	104%	73-126%
2037-26-5	Toluene-D8	96%	97%	98%	86-112%
460-00-4	4-Bromofluorobenzene	95%	99%	105%	83-119%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F41938
Account: STOLCOGJ S M Stoller
Project: Star Center-B100

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
F42127-4MS	B040044.D	20	07/19/06	KW	n/a	n/a	VB1690
F42127-4MSD	B040045.D	20	07/19/06	KW	n/a	n/a	VB1690
F42127-4	B040043.D	20	07/19/06	KW	n/a	n/a	VB1690

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

F41938-1

CAS No.	Compound	F42127-4 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	ND		500	530	106	523	105	1	72-125/7
75-27-4	Bromodichloromethane	ND		500	510	102	507	101	1	72-120/8
75-25-2	Bromoform	ND		500	477	95	482	96	1	55-127/11
108-90-7	Chlorobenzene	ND		500	504	101	508	102	1	79-113/7
75-00-3	Chloroethane	ND		500	606	121	640	128	5	56-164/14
67-66-3	Chloroform	ND		500	551	110	560	112	2	75-120/8
110-75-8	2-Chloroethyl vinyl ether	ND		2500	1430	57	1330	53	7	8-137/18
56-23-5	Carbon tetrachloride	ND		500	559	112	565	113	1	56-145/12
75-34-3	1,1-Dichloroethane	ND		500	551	110	553	111	0	70-122/10
75-35-4	1,1-Dichloroethylene	ND		500	553	111	562	112	2	61-137/15
107-06-2	1,2-Dichloroethane	ND		500	543	109	541	108	0	64-124/7
78-87-5	1,2-Dichloropropane	ND		500	511	102	522	104	2	74-123/8
124-48-1	Dibromochloromethane	ND		500	472	94	493	99	4	63-119/9
75-71-8	Dichlorodifluoromethane	ND		500	496	99	626	125	23*	35-184/21
156-59-2	cis-1,2-Dichloroethylene	ND		500	509	102	512	102	1	74-125/9
10061-01-5	cis-1,3-Dichloropropene	ND		500	515	103	517	103	0	65-112/10
541-73-1	m-Dichlorobenzene	ND		500	496	99	511	102	3	74-114/7
95-50-1	o-Dichlorobenzene	ND		500	501	100	500	100	0	73-114/8
106-46-7	p-Dichlorobenzene	ND		500	497	99	494	99	1	74-112/7
156-60-5	trans-1,2-Dichloroethylene	ND		500	551	110	555	111	1	70-127/11
10061-02-6	trans-1,3-Dichloropropene	ND		500	520	104	524	105	1	59-116/11
100-41-4	Ethylbenzene	ND		500	509	102	512	102	1	73-119/8
74-83-9	Methyl bromide	ND		500	552	110	602	120	9	52-172/16
74-87-3	Methyl chloride	ND		500	492	98	593	119	19	53-155/19
75-09-2	Methylene chloride	31.7	JB	500	524	98	514	96	2	61-129/11
1634-04-4	Methyl Tert Butyl Ether	ND		500	484	97	505	101	4	61-129/9
71-55-6	1,1,1-Trichloroethane	ND		500	551	110	560	112	2	72-133/8
79-34-5	1,1,2,2-Tetrachloroethane	ND		500	458	92	487	97	6	64-120/10
79-00-5	1,1,2-Trichloroethane	ND		500	462	92	474	95	3	72-116/9
127-18-4	Tetrachloroethylene	ND		500	482	96	474	95	2	70-126/9
108-88-3	Toluene	11.4	J	500	496	97	494	97	0	67-123/8
79-01-6	Trichloroethylene	ND		500	520	104	532	106	2	73-117/10
75-69-4	Trichlorofluoromethane	ND		500	738	148	828	166*	11	52-164/16
75-01-4	Vinyl chloride	ND		500	572	114	656	131	14	63-161/18
	m,p-Xylene	ND		1000	1060	106	1060	106	0	74-123/7
95-47-6	o-Xylene	ND		500	546	109	554	111	1	68-123/7

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F41938
Account: STOLCOGJ S M Stoller
Project: Star Center-B100

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
F42127-4MS	B040044.D	20	07/19/06	KW	n/a	n/a	VB1690
F42127-4MSD	B040045.D	20	07/19/06	KW	n/a	n/a	VB1690
F42127-4	B040043.D	20	07/19/06	KW	n/a	n/a	VB1690

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

F41938-1

CAS No.	Surrogate Recoveries	MS	MSD	F42127-4	Limits
1868-53-7	Dibromofluoromethane	103%	104%	104%	86-115%
17060-07-0	1,2-Dichloroethane-D4	111%	110%	106%	73-126%
2037-26-5	Toluene-D8	98%	97%	100%	86-112%
460-00-4	4-Bromofluorobenzene	97%	101%	109%	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: F41938
Account: STOLCOGJ S M Stoller
Project: Star Center-B100

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP17184-MB	R03879.D	1	07/14/06	NJ	07/13/06	OP17184	SR183

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

F41938-4

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: F41938
Account: STOLCOGJ S M Stoller
Project: Star Center-B100

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP17184-MB	R03879.D	1	07/14/06	NJ	07/13/06	OP17184	SR183

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

F41938-4

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	55%	19-90%
4165-62-2	Phenol-d5	36%	10-68%

Method Blank Summary

Job Number: F41938
Account: STOLCOGJ S M Stoller
Project: Star Center-B100

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP17184-MB	R03879.D	1	07/14/06	NJ	07/13/06	OP17184	SR183

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

F41938-4

CAS No.	Surrogate Recoveries		Limits
118-79-6	2,4,6-Tribromophenol	93%	36-137%
4165-60-0	Nitrobenzene-d5	86%	49-119%
321-60-8	2-Fluorobiphenyl	87%	45-118%
1718-51-0	Terphenyl-d14	90%	46-135%

Blank Spike Summary

Job Number: F41938
Account: STOLCOGJ S M Stoller
Project: Star Center-B100

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP17184-BS	R03878.D	1	07/14/06	NJ	07/13/06	OP17184	SR183

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

F41938-4

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
65-85-0	Benzoic Acid	100	18.6	19	10-50
95-57-8	2-Chlorophenol	50	39.3	79	57-100
59-50-7	4-Chloro-3-methyl phenol	50	40.2	80	63-105
120-83-2	2,4-Dichlorophenol	50	41.8	84	65-106
105-67-9	2,4-Dimethylphenol	50	32.9	66	49-90
51-28-5	2,4-Dinitrophenol	100	79.2	79	26-125
534-52-1	4,6-Dinitro-o-cresol	100	86.1	86	56-121
95-48-7	2-Methylphenol	50	33.0	66	48-90
	3&4-Methylphenol	100	63.0	63	43-94
88-75-5	2-Nitrophenol	50	41.9	84	62-107
100-02-7	4-Nitrophenol	100	33.2	33	19-66
87-86-5	Pentachlorophenol	100	87.5	88	62-120
108-95-2	Phenol	50	16.6	33	20-65
95-95-4	2,4,5-Trichlorophenol	50	44.1	88	67-103
88-06-2	2,4,6-Trichlorophenol	50	44.1	88	68-104
83-32-9	Acenaphthene	50	41.5	83	67-101
208-96-8	Acenaphthylene	50	41.1	82	65-100
120-12-7	Anthracene	50	42.2	84	71-103
56-55-3	Benzo(a)anthracene	50	43.2	86	71-105
50-32-8	Benzo(a)pyrene	50	40.7	81	67-106
205-99-2	Benzo(b)fluoranthene	50	41.6	83	68-108
191-24-2	Benzo(g,h,i)perylene	50	42.2	84	65-110
207-08-9	Benzo(k)fluoranthene	50	42.0	84	69-110
101-55-3	4-Bromophenyl phenyl ether	50	42.6	85	71-106
85-68-7	Butyl benzyl phthalate	50	42.2	84	66-110
100-51-6	Benzyl Alcohol	50	38.0	76	36-101
91-58-7	2-Chloronaphthalene	50	41.4	83	62-99
106-47-8	4-Chloroaniline	50	38.5	77	58-101
86-74-8	Carbazole	50	43.0	86	73-106
218-01-9	Chrysene	50	43.0	86	71-105
111-91-1	bis(2-Chloroethoxy)methane	50	38.0	76	56-101
111-44-4	bis(2-Chloroethyl)ether	50	42.4	85	60-108
108-60-1	bis(2-Chloroisopropyl)ether	50	40.7	81	49-108
7005-72-3	4-Chlorophenyl phenyl ether	50	41.5	83	69-106
95-50-1	1,2-Dichlorobenzene	50	39.4	79	48-98
541-73-1	1,3-Dichlorobenzene	50	38.2	76	44-95

Blank Spike Summary

Job Number: F41938
Account: STOLCOGJ S M Stoller
Project: Star Center-B100

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP17184-BS	R03878.D	1	07/14/06	NJ	07/13/06	OP17184	SR183

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

F41938-4

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
106-46-7	1,4-Dichlorobenzene	50	39.0	78	46-96
121-14-2	2,4-Dinitrotoluene	50	42.0	84	64-107
606-20-2	2,6-Dinitrotoluene	50	41.1	82	64-102
91-94-1	3,3'-Dichlorobenzidine	50	41.6	83	54-109
53-70-3	Dibenzo(a,h)anthracene	50	41.9	84	61-112
132-64-9	Dibenzofuran	50	43.8	88	70-102
84-74-2	Di-n-butyl phthalate	50	40.3	81	69-109
117-84-0	Di-n-octyl phthalate	50	42.3	85	63-125
84-66-2	Diethyl phthalate	50	41.6	83	66-111
131-11-3	Dimethyl phthalate	50	41.5	83	66-109
117-81-7	bis(2-Ethylhexyl)phthalate	50	41.9	84	66-114
206-44-0	Fluoranthene	50	42.7	85	71-108
86-73-7	Fluorene	50	41.4	83	68-102
118-74-1	Hexachlorobenzene	50	42.3	85	69-103
87-68-3	Hexachlorobutadiene	50	39.3	79	48-100
77-47-4	Hexachlorocyclopentadiene	50	30.4	61	20-85
67-72-1	Hexachloroethane	50	39.3	79	41-98
193-39-5	Indeno(1,2,3-cd)pyrene	50	41.9	84	66-112
78-59-1	Isophorone	50	43.0	86	62-105
91-57-6	2-Methylnaphthalene	50	43.2	86	62-105
88-74-4	2-Nitroaniline	50	44.2	88	66-105
99-09-2	3-Nitroaniline	50	38.4	77	56-104
100-01-6	4-Nitroaniline	50	42.0	84	62-110
91-20-3	Naphthalene	50	40.0	80	56-99
98-95-3	Nitrobenzene	50	40.6	81	60-102
621-64-7	N-Nitroso-di-n-propylamine	50	40.6	81	56-101
86-30-6	N-Nitrosodiphenylamine	50	40.7	81	69-106
85-01-8	Phenanthrene	50	41.5	83	71-104
129-00-0	Pyrene	50	43.0	86	67-108
120-82-1	1,2,4-Trichlorobenzene	50	40.4	81	52-99

CAS No.	Surrogate Recoveries	BSP	Limits
367-12-4	2-Fluorophenol	50%	19-90%
4165-62-2	Phenol-d5	31%	10-68%

Blank Spike Summary

Job Number: F41938
Account: STOLCOGJ S M Stoller
Project: Star Center-B100

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP17184-BS	R03878.D	1	07/14/06	NJ	07/13/06	OP17184	SR183

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

F41938-4

CAS No.	Surrogate Recoveries	BSP	Limits
118-79-6	2,4,6-Tribromophenol	85%	36-137%
4165-60-0	Nitrobenzene-d5	84%	49-119%
321-60-8	2-Fluorobiphenyl	87%	45-118%
1718-51-0	Terphenyl-d14	87%	46-135%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F41938
Account: STOLCOGJ S M Stoller
Project: Star Center-B100

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP17184-MS	R03881.D	1	07/15/06	NJ	07/13/06	OP17184	SR183
OP17184-MSD	R03882.D	1	07/15/06	NJ	07/13/06	OP17184	SR183
F41938-4	R03880.D	1	07/14/06	NJ	07/13/06	OP17184	SR183

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

F41938-4

CAS No.	Compound	F41938-4 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	89.8	46	86.3	44	4	10-80/45
95-57-8	2-Chlorophenol	ND		98	60.4	62	61.5	63	2	43-109/27
59-50-7	4-Chloro-3-methyl phenol	ND		98	70.9	72	73.3	75	3	57-109/20
120-83-2	2,4-Dichlorophenol	ND		98	63.1	64	67.6	69	7	49-114/23
105-67-9	2,4-Dimethylphenol	ND		98	54.6	56	58.9	60	8	32-103/24
51-28-5	2,4-Dinitrophenol	ND		196	145	74	142	72	2	20-131/28
534-52-1	4,6-Dinitro-o-cresol	ND		196	157	80	151	77	4	46-130/23
95-48-7	2-Methylphenol	ND		98	58.0	59	57.7	59	1	40-102/25
	3&4-Methylphenol	ND		196	114	58	119	61	4	39-97/24
88-75-5	2-Nitrophenol	ND		98	61.0	62	64.7	66	6	46-115/26
100-02-7	4-Nitrophenol	ND		196	106	54	101	52	5	28-81/30
87-86-5	Pentachlorophenol	ND		196	164	84	160	82	2	53-128/22
108-95-2	Phenol	ND		98	43.0	44	37.3	38	14	19-81/33
95-95-4	2,4,5-Trichlorophenol	ND		98	75.8	77	76.5	78	1	56-110/19
88-06-2	2,4,6-Trichlorophenol	ND		98	70.6	72	74.7	76	6	55-112/19
83-32-9	Acenaphthene	ND		98	66.8	68	69.5	71	4	58-109/18
208-96-8	Acenaphthylene	ND		98	66.1	67	69.0	70	4	59-103/18
120-12-7	Anthracene	ND		98	76.8	78	76.3	78	1	65-108/16
56-55-3	Benzo(a)anthracene	ND		98	78.7	80	77.3	79	2	68-106/17
50-32-8	Benzo(a)pyrene	ND		98	73.4	75	73.9	75	1	61-108/18
205-99-2	Benzo(b)fluoranthene	ND		98	75.9	77	76.4	78	1	65-109/18
191-24-2	Benzo(g,h,i)perylene	ND		98	76.5	78	77.0	79	1	60-114/19
207-08-9	Benzo(k)fluoranthene	ND		98	76.3	78	77.6	79	2	66-111/17
101-55-3	4-Bromophenyl phenyl ether	ND		98	75.3	77	76.5	78	2	68-108/17
85-68-7	Butyl benzyl phthalate	ND		98	76.3	78	76.6	78	0	64-111/18
100-51-6	Benzyl Alcohol	ND		98	62.7	64	67.7	69	8	44-105/26
91-58-7	2-Chloronaphthalene	ND		98	62.3	64	67.2	69	8	57-102/20
106-47-8	4-Chloroaniline	ND		98	59.3	60	64.4	66	8	37-106/27
86-74-8	Carbazole	ND		98	78.1	80	80.5	82	3	68-111/16
218-01-9	Chrysene	ND		98	77.3	79	77.3	79	0	69-106/17
111-91-1	bis(2-Chloroethoxy)methane	ND		98	55.9	57	59.4	61	6	46-106/24
111-44-4	bis(2-Chloroethyl)ether	ND		98	63.3	65	63.4	65	0	48-114/28
108-60-1	bis(2-Chloroisopropyl)ether	ND		98	58.9	60	59.9	61	2	43-110/26
7005-72-3	4-Chlorophenyl phenyl ether	ND		98	71.7	73	72.8	74	2	66-107/17
95-50-1	1,2-Dichlorobenzene	ND		98	59.5	61	59.6	61	0	45-103/24
541-73-1	1,3-Dichlorobenzene	ND		98	58.3	59	57.6	59	1	42-100/24

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F41938
Account: STOLCOGJ S M Stoller
Project: Star Center-B100

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP17184-MS	R03881.D	1	07/15/06	NJ	07/13/06	OP17184	SR183
OP17184-MSD	R03882.D	1	07/15/06	NJ	07/13/06	OP17184	SR183
F41938-4	R03880.D	1	07/14/06	NJ	07/13/06	OP17184	SR183

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

F41938-4

CAS No.	Compound	F41938-4 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	58.9	60	58.2	59	1	43-102/24
121-14-2	2,4-Dinitrotoluene	ND		98	74.9	76	74.8	76	0	60-108/18
606-20-2	2,6-Dinitrotoluene	ND		98	70.9	72	71.3	73	1	59-105/18
91-94-1	3,3'-Dichlorobenzidine	ND		98	46.3	47	50.8	52	9	21-120/24
53-70-3	Dibenzo(a,h)anthracene	ND		98	75.9	77	76.7	78	1	59-112/18
132-64-9	Dibenzofuran	ND		98	71.5	73	76.3	78	6	65-105/17
84-74-2	Di-n-butyl phthalate	ND		98	73.3	75	73.3	75	0	68-109/18
117-84-0	Di-n-octyl phthalate	ND		98	75.9	77	77.3	79	2	59-127/23
84-66-2	Diethyl phthalate	ND		98	73.9	75	74.4	76	1	64-111/18
131-11-3	Dimethyl phthalate	ND		98	72.6	74	73.1	75	1	63-109/17
117-81-7	bis(2-Ethylhexyl)phthalate	ND		98	74.0	75	74.9	76	1	58-119/21
206-44-0	Fluoranthene	ND		98	78.2	80	78.3	80	0	68-110/18
86-73-7	Fluorene	ND		98	70.7	72	73.3	75	4	62-106/17
118-74-1	Hexachlorobenzene	ND		98	76.1	78	75.4	77	1	66-106/16
87-68-3	Hexachlorobutadiene	ND		98	57.7	59	60.2	61	4	46-107/26
77-47-4	Hexachlorocyclopentadiene	ND		98	44.7	46	48.5	49	8	16-84/31
67-72-1	Hexachloroethane	ND		98	57.8	59	58.3	59	1	39-105/25
193-39-5	Indeno(1,2,3-cd)pyrene	ND		98	76.6	78	77.1	79	1	61-115/19
78-59-1	Isophorone	ND		98	64.1	65	69.9	71	9	54-107/22
91-57-6	2-Methylnaphthalene	ND		98	63.5	65	70.9	72	11	53-112/22
88-74-4	2-Nitroaniline	ND		98	75.7	77	79.1	81	4	60-108/18
99-09-2	3-Nitroaniline	ND		98	63.8	65	64.5	66	1	43-103/23
100-01-6	4-Nitroaniline	ND		98	73.7	75	77.3	79	5	55-110/19
91-20-3	Naphthalene	ND		98	60.2	61	63.0	64	5	49-104/24
98-95-3	Nitrobenzene	ND		98	60.9	62	62.8	64	3	50-107/25
621-64-7	N-Nitroso-di-n-propylamine	ND		98	60.5	62	62.7	64	4	47-104/23
86-30-6	N-Nitrosodiphenylamine	ND		98	74.3	76	73.2	75	1	63-110/17
85-01-8	Phenanthrene	ND		98	75.7	77	74.8	76	1	67-108/17
129-00-0	Pyrene	ND		98	77.0	79	77.1	79	0	65-108/18
120-82-1	1,2,4-Trichlorobenzene	ND		98	60.1	61	61.7	63	3	49-104/25

CAS No.	Surrogate Recoveries	MS	MSD	F41938-4	Limits
367-12-4	2-Fluorophenol	52%	51%	39%	19-90%
4165-62-2	Phenol-d5	40%	41%	24%	10-68%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F41938
Account: STOLCOGJ S M Stoller
Project: Star Center-B100

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP17184-MS	R03881.D	1	07/15/06	NJ	07/13/06	OP17184	SR183
OP17184-MSD	R03882.D	1	07/15/06	NJ	07/13/06	OP17184	SR183
F41938-4	R03880.D	1	07/14/06	NJ	07/13/06	OP17184	SR183

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

F41938-4

CAS No.	Surrogate Recoveries	MS	MSD	F41938-4	Limits
118-79-6	2,4,6-Tribromophenol	77%	80%	78%	36-137%
4165-60-0	Nitrobenzene-d5	61%	66%	80%	49-119%
321-60-8	2-Fluorobiphenyl	63%	71%	80%	45-118%
1718-51-0	Terphenyl-d14	78%	80%	80%	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: F41938
Account: STOLCOGJ - S M Stoller
Project: Star Center-B100

QC Batch ID: MP9871
Matrix Type: AQUEOUS

Methods: SW846 6010B
Units: ug/l

Prep Date: 07/10/06

Metal	RL	IDL	MB raw	final
Aluminum	200	18		
Antimony	12	3.4	anr	
Arsenic	10	2.8	anr	
Barium	200	.4		
Beryllium	4.0	.4	anr	
Cadmium	5.0	.2	anr	
Calcium	1000	42		
Chromium	10	.6	anr	
Cobalt	50	.6		
Copper	25	.9	anr	
Iron	300	12	5.2	<300
Lead	5.0	1.7	anr	
Magnesium	5000	4.3		
Manganese	15	.6		
Molybdenum	50	1.3		
Nickel	40	.8	anr	
Potassium	10000	10		
Selenium	10	2	anr	
Silver	10	.9	anr	
Sodium	10000	500		
Thallium	10	2.3	anr	
Tin	50	3.1		
Vanadium	50	.6		
Zinc	20	1.3	anr	

Associated samples MP9871: F41938-3, F41938-4

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: F41938
Account: STOLCOGJ - S M Stoller
Project: Star Center-B100

QC Batch ID: MP9871
Matrix Type: AQUEOUS

Methods: SW846 6010B
Units: ug/l

Prep Date:			07/10/06					07/10/06	
Metal	F41932-5 Original	DUP	RPD	QC Limits	F41932-5 Original	MS	Spikelot MPFLICP1	% Rec	QC Limits
Aluminum									
Antimony	anr								
Arsenic	anr								
Barium									
Beryllium	anr								
Cadmium	anr								
Calcium									
Chromium	anr								
Cobalt									
Copper	anr								
Iron	8650	9170	5.8	0-20	8650	32300	26000	91.0	80-120
Lead	anr								
Magnesium									
Manganese									
Molybdenum									
Nickel	anr								
Potassium									
Selenium	anr								
Silver	anr								
Sodium									
Thallium	anr								
Tin									
Vanadium									
Zinc	anr								

Associated samples MP9871: F41938-3, F41938-4

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: F41938
Account: STOLCOGJ - S M Stoller
Project: Star Center-B100

QC Batch ID: MP9871
Matrix Type: AQUEOUS

Methods: SW846 6010B
Units: ug/l

Prep Date: 07/10/06

Metal	F41932-5 Original	MSD	Spikelot MPFLICP1	% Rec	MSD RPD	QC Limit
Aluminum						
Antimony	anr					
Arsenic	anr					
Barium						
Beryllium	anr					
Cadmium	anr					
Calcium						
Chromium	anr					
Cobalt						
Copper	anr					
Iron	8650	32200	26000	90.6	0.3	20
Lead	anr					
Magnesium						
Manganese						
Molybdenum						
Nickel	anr					
Potassium						
Selenium	anr					
Silver	anr					
Sodium						
Thallium	anr					
Tin						
Vanadium						
Zinc	anr					

Associated samples MP9871: F41938-3, F41938-4

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: F41938
Account: STOLCOGJ - S M Stoller
Project: Star Center-B100

QC Batch ID: MP9871
Matrix Type: AQUEOUS

Methods: SW846 6010B
Units: ug/l

Prep Date: 07/10/06

Metal	BSP Result	Spikelot MPFLICP1	% Rec	QC Limits
Aluminum				
Antimony	anr			
Arsenic	anr			
Barium				
Beryllium	anr			
Cadmium	anr			
Calcium				
Chromium	anr			
Cobalt				
Copper	anr			
Iron	27700	26000	106.5	80-120
Lead	anr			
Magnesium				
Manganese				
Molybdenum				
Nickel	anr			
Potassium				
Selenium	anr			
Silver	anr			
Sodium				
Thallium	anr			
Tin				
Vanadium				
Zinc	anr			

Associated samples MP9871: F41938-3, F41938-4

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

SERIAL DILUTION RESULTS SUMMARY

Login Number: F41938
Account: STOLCOGJ - S M Stoller
Project: Star Center-B100

QC Batch ID: MP9871
Matrix Type: AQUEOUS

Methods: SW846 6010B
Units: ug/l

Prep Date: 07/10/06

Metal	F41932-5 Original	SDL 1:5	RPD	QC Limits
Aluminum				
Antimony	anr			
Arsenic	anr			
Barium				
Beryllium	anr			
Cadmium	anr			
Calcium				
Chromium	anr			
Cobalt				
Copper	anr			
Iron	8650	8830	2.1	0-10
Lead	anr			
Magnesium				
Manganese				
Molybdenum				
Nickel	anr			
Potassium				
Selenium	anr			
Silver	anr			
Sodium				
Thallium	anr			
Tin				
Vanadium				
Zinc	anr			

Associated samples MP9871: F41938-3, F41938-4

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

07/20/06

Technical Report for

S M Stoller

Star Center-B100 Monthly/Effluent; Largo, FL

7031-877

Accutest Job Number: F41939

Sampling Date: 07/06/06

Report to:

US Dept of Energy, Grand Jct Office
2597 B3/4 Road
Grand Junction, CO 81503

ATTN: Contracts Department, PO# 24231 x

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 Laboratories

Sample Summary

S M Stoller

Job No: F41939

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

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
F41939-1	07/06/06	10:30	BNR	07/06/06	AQ	Ground Water	PIN12-TRTE-N002*B100

SAMPLE DELIVERY GROUP CASE NARRATIVE

Client: S M Stoller **Job No:** F41939

Site: Star Center-B100 Monthly/Effluent; Largo, FL **Report Date** 7/19/2006

1 Sample was collected on 07/06/2006 and were received at Accutest on 07/06/2006 properly preserved, at 2.6 Deg. C and intact. These Samples received an Accutest job number of F41939. 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:** VB1684

Samples F41938-3MS, F41938-3MSD were used as the QC samples indicated.

All method blanks for this batch meet method specific criteria.

F41939-1: 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: July 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:	F41939-1	**Date Sampled:**	07/06/06
Matrix:	AQ - Ground Water	**Date Received:**	07/06/06
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]	B039900.D	1	07/14/06	KW	n/a	n/a	VB1684
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	103%		73-126%
2037-26-5	Toluene-D8	100%		86-112%
460-00-4	4-Bromofluorobenzene	113%		83-119%

(a) Sample collected on 07/06/06 at 10:30.
(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 #: F41939
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 VOA's (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's (by 624)	LAB USE ONLY
1	PIN12-TRTE-N002*B100	7/6/06	1030	[illegible]	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, Ethylbenzene, Toluene, Xylene, Total VOA's

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. [illegible]	7/6/06 - 0930	1. Luis Alse	2. Luis Alse	7/6/6 2:13	2.
RELINQUISHED BY: 3. [illegible]	DATE TIME: 7/6/06 -	RECEIVED BY: 3. [illegible] Caston 7-7-06/8:00	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

F41939: Chain of Custody
Page 1 of 2

ACCUTEST LABORATORIES SAMPLE RECEIPT CONFIRMATION

ACCUTEST'S JOB NUMBER: F41939 CLIENT: S.M. Stoller PROJECT: Star center - monthly

DATE/TIME RECEIVED: 7-1-06/ 8:00 # 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
- [ ] 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

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 ? Ø

NUMBER OF 5035 FIELD KITS ? Ø

NUMBER OR LAB FILTERED METALS ? Ø

SUMMARY OF COMMENTS:

TECHNICIAN SIGNATURE/DATE [signature] 7-1-06 TECHNICIAN SIGNATURE/DATE

ASBD03/27/06

4.1

4

F41939: 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: F41939
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
VB1684-MB	B039895.D	1	07/13/06	KW	n/a	n/a	VB1684

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

F41939-1

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	104%	86-115%
17060-07-0	1,2-Dichloroethane-D4	103%	73-126%
2037-26-5	Toluene-D8	100%	86-112%
460-00-4	4-Bromofluorobenzene	115%	83-119%

Blank Spike Summary

Job Number: F41939
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
VB1684-BS	B039894.D	1	07/13/06	KW	n/a	n/a	VB1684

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

F41939-1

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
71-43-2	Benzene	25	27.0	108	80-120
100-41-4	Ethylbenzene	25	26.0	104	82-115
108-88-3	Toluene	25	24.6	98	81-114
	m,p-Xylene	50	54.1	108	83-118
95-47-6	o-Xylene	25	28.4	114	77-119

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	101%	86-115%
17060-07-0	1,2-Dichloroethane-D4	110%	73-126%
2037-26-5	Toluene-D8	95%	86-112%
460-00-4	4-Bromofluorobenzene	99%	83-119%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F41939
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
F41938-3MS	B039897.D	20	07/13/06	KW	n/a	n/a	VB1684
F41938-3MSD	B039898.D	20	07/13/06	KW	n/a	n/a	VB1684
F41938-3	B039896.D	20	07/13/06	KW	n/a	n/a	VB1684

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

F41939-1

CAS No.	Compound	F41938-3 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	ND		500	528	106	522	104	1	72-125/7
100-41-4	Ethylbenzene	ND		500	519	104	508	102	2	73-119/8
108-88-3	Toluene	ND		500	491	98	486	97	1	67-123/8
	m,p-Xylene	ND		1000	1090	109	1070	107	2	74-123/7
95-47-6	o-Xylene	ND		500	558	112	562	112	1	68-123/7

CAS No.	Surrogate Recoveries	MS	MSD	F41938-3	Limits
1868-53-7	Dibromofluoromethane	100%	101%	104%	86-115%
17060-07-0	1,2-Dichloroethane-D4	107%	109%	105%	73-126%
2037-26-5	Toluene-D8	97%	98%	98%	86-112%
460-00-4	4-Bromofluorobenzene	93%	96%	103%	83-119%

Southeast ACCUTEST Laboratories

IT'S ALL IN THE CHEMISTRY

08/28/06

Technical Report for

S M Stoller

Star Center-B100

7031-877

Accutest Job Number: F42657

Sampling Date: 08/03/06

Report to:

US Dept of Energy, Grand Jct Office
2597 B3/4 Road
Grand Junction, CO 81503

ATTN: Contracts Department, PO# 24231 x

Total number of pages in report: **59**

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 Laboratories

Sample Summary

S M Stoller

Job No: F42657

Star Center-B100
Project No: 7031-877

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
F42657-1	08/03/06	10:10	JPC	08/03/06	AQ	Ground Water	PIN12-RW01-N001
F42657-2	08/03/06	10:13	JPC	08/03/06	AQ	Ground Water	PIN12-RW02-N001
F42657-3	08/03/06	10:43	JPC	08/03/06	AQ	Ground Water	PIN12-TRTI-N001
F42657-4	08/03/06	10:45	JPC	08/03/06	AQ	Ground Water	PIN12-TRTE-N001

SAMPLE DELIVERY GROUP CASE NARRATIVE

Client: S M Stoller **Job No:** F42657

Site: Star Center-B100 **Report Date** 8/25/2006

4 Samples were collected on 08/03/2006 and were received at Accutest on 08/03/2006 properly preserved, at 2.4 Deg. C and intact. These Samples received an Accutest job number of F42657. 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:** VJ999

Samples F42657-3MS, F42657-3MSD were used as the QC samples indicated.

All method blanks for this batch meet method specific criteria.
Sample F42657-3 has compound, Methylene Chloride, reported with a "B" qualifier, indicating analyte is found in the associated method blank. Methylene chloride: Suspected laboratory contaminant.

Blank Spike Recovery for Tetrachloroethylene is above control limits. Associated samples non-detect for this compound.

MS/MSD recoveries for 2-Chloroethyl vinyl ether are outside control limits. Blank Spike within limits.

F42657-4: Sample was treated with an anti-foaming agent.

Volatiles by GCMS By Method SW846 8260B

Matrix: AQ **Batch ID:** VB1709

Samples F42657-2MS, F42657-2MSD were used as the QC samples indicated.

All method blanks for this batch meet method specific criteria.
Sample F42657-3 has compound, Methylene Chloride, reported with a "B" qualifier, indicating analyte is found in the associated method blank. Methylene chloride: Suspected laboratory contaminant.

MS/MSD recoveries for 2-Chloroethyl vinyl ether are outside control limits. RPDs for MS/MSD for 2-Chloroethyl vinyl ether, Benzene are outside control limits. Blank Spike within limits.

Matrix: AQ **Batch ID:** VB1710

Samples F42740-2MS, F42740-2MSD were used as the QC samples indicated.

All method blanks for this batch meet method specific criteria.
Samples F42657-1 has compound, Methylene Chloride, reported with a "B" qualifier, indicating analyte is found in the associated method blank. Methylene chloride: Suspected laboratory contaminant.
MS/MSD recoveries for 2-Chloroethyl vinyl ether are outside control limits. Blank Spike within limits.

Extractables by GCMS By Method EPA 625

Matrix: AQ **Batch ID:** OP17474

Samples F42657-4MS, F42657-4MSD 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, Hexachlorocyclopentadiene, Hexachloroethane are below control limits. Associated MS/MSD found these compounds to be within limits.

Metals By Method SW846 6010B

Matrix: AQ **Batch ID:** MP10056

All method blanks for this batch meet method specific criteria.

Samples F42633-1DUP, F42633-1MS, F42633-1MSD, F42633-1SDL 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: August 25, 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:	F42657-1	**Date Sampled:**	08/03/06
Matrix:	AQ - Ground Water	**Date Received:**	08/03/06
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Star Center-B100		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	B040490.D	100	08/09/06	KW	n/a	n/a	VB1710
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	2300	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	52.0	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 [a]	298	500	100	ug/l	JB
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	4270	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:	F42657-1	**Date Sampled:**	08/03/06
Matrix:	AQ - Ground Water	**Date Received:**	08/03/06
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	674	100	50	ug/l	
	m,p-Xylene	ND	200	50	ug/l	
95-47-6	o-Xylene	ND	100	50	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	105%		86-115%
17060-07-0	1,2-Dichloroethane-D4	107%		73-126%
2037-26-5	Toluene-D8	93%		86-112%
460-00-4	4-Bromofluorobenzene	97%		83-119%

(a) Suspected laboratory contaminant.

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:	F42657-2	**Date Sampled:**	08/03/06
Matrix:	AQ - Ground Water	**Date Received:**	08/03/06
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Star Center-B100		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	B040466.D	10	08/08/06	KW	n/a	n/a	VB1709
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	6.7	10	5.0	ug/l	J
75-35-4	1,1-Dichloroethylene	15.8	10	5.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	10	5.0	ug/l	
78-87-5	1,2-Dichloropropane	ND	10	5.0	ug/l	
124-48-1	Dibromochloromethane	ND	10	4.0	ug/l	
75-71-8	Dichlorodifluoromethane	ND	10	5.0	ug/l	
156-59-2	cis-1,2-Dichloroethylene	578	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	39.0	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 [a]	17.8	50	10	ug/l	JB
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	368	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:	F42657-2	**Date Sampled:**	08/03/06
Matrix:	AQ - Ground Water	**Date Received:**	08/03/06
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	73.3	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	106%		73-126%
2037-26-5	Toluene-D8	100%		86-112%
460-00-4	4-Bromofluorobenzene	103%		83-119%

(a) Suspected laboratory contaminant.

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:	F42657-3	**Date Sampled:**	08/03/06
Matrix:	AQ - Ground Water	**Date Received:**	08/03/06
Method:	EPA 624	**Percent Solids:**	n/a
Project:	Star Center-B100		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	J024348.D	20	08/10/06	JG	n/a	n/a	VJ999
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	11.4	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	1020	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	21.3	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	34.9	100	20	ug/l	JB
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	960	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:	F42657-3	**Date Sampled:**	08/03/06
Matrix:	AQ - Ground Water	**Date Received:**	08/03/06
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	143	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	106%		73-126%
2037-26-5	Toluene-D8	96%		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:	F42657-3	**Date Sampled:**	08/03/06
Matrix:	AQ - Ground Water	**Date Received:**	08/03/06
		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	08/07/06	08/08/06	RS	SW846 6010B [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA5150
(2) Prep QC Batch: MP10056

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:	F42657-3	**Date Sampled:**	08/03/06
Matrix:	AQ - Ground Water	**Date Received:**	08/03/06
		Percent Solids:	n/a
Project:	Star Center-B100		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Hardness, Total as CaCO3	383	4.0	mg/l	1	08/16/06	DM	SW846 6010B/SM 2340B

RL = Reporting Limit

Report of Analysis

Client Sample ID:	PIN12-TRTE-N001		
Lab Sample ID:	F42657-4	**Date Sampled:**	08/03/06
Matrix:	AQ - Ground Water	**Date Received:**	08/03/06
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]	J024347.D	1	08/10/06	JG	n/a	n/a	VJ999
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	4.4	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	2.2	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:	F42657-4	**Date Sampled:**	08/03/06
Matrix:	AQ - Ground Water	**Date Received:**	08/03/06
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	103%		86-115%
17060-07-0	1,2-Dichloroethane-D4	107%		73-126%
2037-26-5	Toluene-D8	97%		86-112%
460-00-4	4-Bromofluorobenzene	104%		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:	F42657-4	**Date Sampled:**	08/03/06
Matrix:	AQ - Ground Water	**Date Received:**	08/03/06
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 [a]	L033037.D	1	08/09/06	NJ	08/07/06	OP17474	SL1705
Run #2							

	Initial Volume	Final Volume
Run #1	1050 ml	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic Acid	ND	24	9.5	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	9.5	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	9.5	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	9.5	ug/l	
87-86-5	Pentachlorophenol	ND	24	9.5	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	0.95	ug/l	
208-96-8	Acenaphthylene	ND	4.8	0.95	ug/l	
120-12-7	Anthracene	ND	4.8	0.95	ug/l	
56-55-3	Benzo(a)anthracene	ND	4.8	0.95	ug/l	
50-32-8	Benzo(a)pyrene	ND	4.8	0.95	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	4.8	0.95	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	0.95	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	4.8	0.95	ug/l	
85-68-7	Butyl benzyl phthalate	ND	4.8	1.9	ug/l	
100-51-6	Benzyl Alcohol	ND	4.8	0.95	ug/l	
91-58-7	2-Chloronaphthalene	ND	4.8	0.95	ug/l	
106-47-8	4-Chloroaniline	ND	9.5	3.8	ug/l	
86-74-8	Carbazole	ND	4.8	0.95	ug/l	
218-01-9	Chrysene	ND	4.8	0.95	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	4.8	0.95	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:	F42657-4	**Date Sampled:**	08/03/06
Matrix:	AQ - Ground Water	**Date Received:**	08/03/06
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	4.8	0.95	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	4.8	0.95	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	4.8	0.95	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	4.8	0.95	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	4.8	0.95	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	9.5	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	0.95	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	0.95	ug/l	
86-73-7	Fluorene	ND	4.8	0.95	ug/l	
118-74-1	Hexachlorobenzene	ND	4.8	0.95	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	0.95	ug/l	
91-57-6	2-Methylnaphthalene	ND	4.8	0.95	ug/l	
88-74-4	2-Nitroaniline	ND	9.5	3.8	ug/l	
99-09-2	3-Nitroaniline	ND	9.5	3.8	ug/l	
100-01-6	4-Nitroaniline	ND	9.5	3.8	ug/l	
91-20-3	Naphthalene	ND	4.8	0.95	ug/l	
98-95-3	Nitrobenzene	ND	4.8	0.95	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	0.95	ug/l	
129-00-0	Pyrene	ND	4.8	0.95	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	4.8	0.95	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	34%		19-90%
4165-62-2	Phenol-d5	20%		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:	F42657-4	**Date Sampled:**	08/03/06
Matrix:	AQ - Ground Water	**Date Received:**	08/03/06
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	76%		49-119%
321-60-8	2-Fluorobiphenyl	75%		45-118%
1718-51-0	Terphenyl-d14	73%		46-135%

(a) Associated Blank Spike outside QC limits; insufficient samples 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:	F42657-4	**Date Sampled:**	08/03/06
Matrix:	AQ - Ground Water	**Date Received:**	08/03/06
		Percent Solids:	n/a
Project:	Star Center-B100		

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Iron	4980	300	15	ug/l	1	08/07/06	08/08/06	RS	SW846 6010B [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA5150
(2) Prep QC Batch: MP10056

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:	F42657-4	**Date Sampled:**	08/03/06
Matrix:	AQ - Ground Water	**Date Received:**	08/03/06
		Percent Solids:	n/a
Project:	Star Center-B100		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Hardness, Total as CaCO3	377	4.0	mg/l	1	08/16/06	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

CHAIN OF CUSTODY

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

ACCUTEST JOB #: F42657
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.: 7031-877
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	HNO3	NaOH	H2SO4	NONE	VOCs - 8260	VOCs - 624	SVOCs - 625	Fe + Hardness	LAB USE ONLY
1	PIN12-RW01-N001	8-3-06	1010	JPC	GW	3	3					3				
2	PIN12-RW02-N001	↓	1013	↓	↓	3	3					3				
3	PIN12-TRTI-N001	↓	1043	↓	↓	4	3		1				3		1	
4	PIN12-TRTE-N001	↓	1045	↓	↓	6	3		1		2		3	2	1	

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

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	8-3-06 1315	Alse	2. Alse	8/3/6 1308	2. Jorge Corral 8-4-06 8:00
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 2.4 C

4.1 4

F42657: Chain of Custody
Page 1 of 2

ACCUTEST LABORATORIES SAMPLE RECEIPT CONFIRMATION

ACCUTEST'S JOB NUMBER: F42657 CLIENT: S.M. Stoller PROJECT: Star center - monthly sampling

DATE/TIME RECEIVED: 8-4-06 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

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 ? Ø

NUMBER OF 5035 FIELD KITS ? Ø

NUMBER OR LAB FILTERED METALS ? Ø

SUMMARY OF COMMENTS:

TECHNICIAN SIGNATURE/DATE JMC 8-4-06 TECHNICIAN SIGNATURE/DATE

ASBD03/27/06

4.1

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F42657: 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: F42657
Account: STOLCOGJ S M Stoller
Project: Star Center-B100

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VJ999-MB	J024346.D	1	08/10/06	JG	n/a	n/a	VJ999

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

F42657-3, F42657-4

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	1.4	5.0	1.0	ug/l	J
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: F42657
Account: STOLCOGJ S M Stoller
Project: Star Center-B100

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VJ999-MB	J024346.D	1	08/10/06	JG	n/a	n/a	VJ999

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

F42657-3, F42657-4

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	103%	86-115%
17060-07-0	1,2-Dichloroethane-D4	107%	73-126%
2037-26-5	Toluene-D8	95%	86-112%
460-00-4	4-Bromofluorobenzene	105%	83-119%

Method Blank Summary

Job Number: F42657
Account: STOLCOGJ S M Stoller
Project: Star Center-B100

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VB1709-MB	B040460.D	1	08/08/06	KW	n/a	n/a	VB1709

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

F42657-2

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	2.4	5.0	1.0	ug/l	J
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: F42657
Account: STOLCOGJ S M Stoller
Project: Star Center-B100

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VB1709-MB	B040460.D	1	08/08/06	KW	n/a	n/a	VB1709

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

F42657-2

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	102%	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	109%	83-119%

Method Blank Summary

Job Number: F42657
Account: STOLCOGJ S M Stoller
Project: Star Center-B100

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VB1710-MB	B040489.D	1	08/09/06	KW	n/a	n/a	VB1710

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

F42657-1

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.50	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.50	ug/l	
75-25-2	Bromoform	ND	1.0	0.50	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.50	ug/l	
75-00-3	Chloroethane	ND	2.0	1.0	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
110-75-8	2-Chloroethyl vinyl ether	ND	5.0	2.5	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.50	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.50	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.50	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.50	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.50	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.40	ug/l	
75-71-8	Dichlorodifluoromethane	ND	1.0	0.50	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	1.0	0.50	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.30	ug/l	
541-73-1	m-Dichlorobenzene	ND	1.0	0.50	ug/l	
95-50-1	o-Dichlorobenzene	ND	1.0	0.50	ug/l	
106-46-7	p-Dichlorobenzene	ND	1.0	0.50	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.50	ug/l	
74-83-9	Methyl bromide	ND	2.0	1.0	ug/l	
74-87-3	Methyl chloride	ND	2.0	1.0	ug/l	
75-09-2	Methylene chloride	1.7	5.0	1.0	ug/l	J
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: F42657
Account: STOLCOGJ S M Stoller
Project: Star Center-B100

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VB1710-MB	B040489.D	1	08/09/06	KW	n/a	n/a	VB1710

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

F42657-1

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	108%	86-115%
17060-07-0	1,2-Dichloroethane-D4	107%	73-126%
2037-26-5	Toluene-D8	95%	86-112%
460-00-4	4-Bromofluorobenzene	100%	83-119%

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

Blank Spike Summary

Job Number: F42657
Account: STOLCOGJ S M Stoller
Project: Star Center-B100

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VJ999-BS	J024345.D	1	08/10/06	JG	n/a	n/a	VJ999

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

F42657-3, F42657-4

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
71-43-2	Benzene	25	25.2	101	80-120
75-27-4	Bromodichloromethane	25	22.1	88	75-120
75-25-2	Bromoform	25	22.6	90	60-129
108-90-7	Chlorobenzene	25	23.5	94	82-112
75-00-3	Chloroethane	25	26.7	107	67-148
67-66-3	Chloroform	25	23.9	96	78-118
110-75-8	2-Chloroethyl vinyl ether	125	98.4	79	23-132
56-23-5	Carbon tetrachloride	25	24.4	98	69-137
75-34-3	1,1-Dichloroethane	25	23.9	96	75-117
75-35-4	1,1-Dichloroethylene	25	23.8	95	67-134
107-06-2	1,2-Dichloroethane	25	23.3	93	68-121
78-87-5	1,2-Dichloropropane	25	22.5	90	78-122
124-48-1	Dibromochloromethane	25	21.6	86	68-118
75-71-8	Dichlorodifluoromethane	25	27.6	110	43-173
156-59-2	cis-1,2-Dichloroethylene	25	21.1	84	81-120
10061-01-5	cis-1,3-Dichloropropene	25	22.5	90	73-115
541-73-1	m-Dichlorobenzene	25	24.0	96	78-116
95-50-1	o-Dichlorobenzene	25	25.0	100	77-115
106-46-7	p-Dichlorobenzene	25	23.7	95	77-113
156-60-5	trans-1,2-Dichloroethylene	25	22.8	91	74-125
10061-02-6	trans-1,3-Dichloropropene	25	23.5	94	69-115
100-41-4	Ethylbenzene	25	23.6	94	82-115
74-83-9	Methyl bromide	25	26.6	106	60-165
74-87-3	Methyl chloride	25	25.5	102	58-152
75-09-2	Methylene chloride	25	22.6	90	66-125
1634-04-4	Methyl Tert Butyl Ether	25	21.3	85	67-127
71-55-6	1,1,1-Trichloroethane	25	23.7	95	78-132
79-34-5	1,1,2,2-Tetrachloroethane	25	22.4	90	67-119
79-00-5	1,1,2-Trichloroethane	25	22.5	90	74-115
127-18-4	Tetrachloroethylene	25	40.5	162*	75-126
108-88-3	Toluene	25	22.9	92	81-114
79-01-6	Trichloroethylene	25	25.0	100	80-115
75-69-4	Trichlorofluoromethane	25	28.2	113	65-163
75-01-4	Vinyl chloride	25	27.1	108	70-151
	m,p-Xylene	50	47.6	95	83-118
95-47-6	o-Xylene	25	23.6	94	77-119

Blank Spike Summary

Job Number: F42657
Account: STOLCOGJ S M Stoller
Project: Star Center-B100

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VJ999-BS	J024345.D	1	08/10/06	JG	n/a	n/a	VJ999

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

F42657-3, F42657-4

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	99%	86-115%
17060-07-0	1,2-Dichloroethane-D4	107%	73-126%
2037-26-5	Toluene-D8	95%	86-112%
460-00-4	4-Bromofluorobenzene	97%	83-119%

Blank Spike Summary

Job Number: F42657
Account: STOLCOGJ S M Stoller
Project: Star Center-B100

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VB1709-BS	B040458.D	1	08/08/06	KW	n/a	n/a	VB1709

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

F42657-2

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
71-43-2	Benzene	25	27.4	110	80-120
75-27-4	Bromodichloromethane	25	23.9	96	75-120
75-25-2	Bromoform	25	21.6	86	60-129
108-90-7	Chlorobenzene	25	24.3	97	82-112
75-00-3	Chloroethane	25	29.1	116	67-148
67-66-3	Chloroform	25	26.2	105	78-118
110-75-8	2-Chloroethyl vinyl ether	125	120	96	23-132
56-23-5	Carbon tetrachloride	25	26.4	106	69-137
75-34-3	1,1-Dichloroethane	25	28.1	112	75-117
75-35-4	1,1-Dichloroethylene	25	26.8	107	67-134
107-06-2	1,2-Dichloroethane	25	23.6	94	68-121
78-87-5	1,2-Dichloropropane	25	26.3	105	78-122
124-48-1	Dibromochloromethane	25	23.1	92	68-118
75-71-8	Dichlorodifluoromethane	25	32.2	129	43-173
156-59-2	cis-1,2-Dichloroethylene	25	24.9	100	81-120
10061-01-5	cis-1,3-Dichloropropene	25	26.1	104	73-115
541-73-1	m-Dichlorobenzene	25	23.5	94	78-116
95-50-1	o-Dichlorobenzene	25	22.7	91	77-115
106-46-7	p-Dichlorobenzene	25	22.5	90	77-113
156-60-5	trans-1,2-Dichloroethylene	25	26.8	107	74-125
10061-02-6	trans-1,3-Dichloropropene	25	26.0	104	69-115
100-41-4	Ethylbenzene	25	25.0	100	82-115
74-83-9	Methyl bromide	25	28.1	112	60-165
74-87-3	Methyl chloride	25	31.2	125	58-152
75-09-2	Methylene chloride	25	25.0	100	66-125
1634-04-4	Methyl Tert Butyl Ether	25	23.4	94	67-127
71-55-6	1,1,1-Trichloroethane	25	26.7	107	78-132
79-34-5	1,1,2,2-Tetrachloroethane	25	22.4	90	67-119
79-00-5	1,1,2-Trichloroethane	25	23.1	92	74-115
127-18-4	Tetrachloroethylene	25	26.2	105	75-126
108-88-3	Toluene	25	25.6	102	81-114
79-01-6	Trichloroethylene	25	26.2	105	80-115
75-69-4	Trichlorofluoromethane	25	29.9	120	65-163
75-01-4	Vinyl chloride	25	31.4	126	70-151
	m,p-Xylene	50	50.5	101	83-118
95-47-6	o-Xylene	25	25.0	100	77-119

Blank Spike Summary

Job Number: F42657
Account: STOLCOGJ S M Stoller
Project: Star Center-B100

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VB1709-BS	B040458.D	1	08/08/06	KW	n/a	n/a	VB1709

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

F42657-2

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	101%	86-115%
17060-07-0	1,2-Dichloroethane-D4	104%	73-126%
2037-26-5	Toluene-D8	99%	86-112%
460-00-4	4-Bromofluorobenzene	99%	83-119%

Blank Spike Summary

Job Number: F42657
Account: STOLCOGJ S M Stoller
Project: Star Center-B100

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VB1710-BS	B040488.D	1	08/09/06	KW	n/a	n/a	VB1710

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

F42657-1

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
71-43-2	Benzene	25	26.4	106	80-120
75-27-4	Bromodichloromethane	25	25.0	100	75-120
75-25-2	Bromoform	25	23.4	94	60-129
108-90-7	Chlorobenzene	25	24.6	98	82-112
75-00-3	Chloroethane	25	32.0	128	67-148
67-66-3	Chloroform	25	27.1	108	78-118
110-75-8	2-Chloroethyl vinyl ether	125	122	98	23-132
56-23-5	Carbon tetrachloride	25	28.8	115	69-137
75-34-3	1,1-Dichloroethane	25	28.0	112	75-117
75-35-4	1,1-Dichloroethylene	25	29.0	116	67-134
107-06-2	1,2-Dichloroethane	25	26.6	106	68-121
78-87-5	1,2-Dichloropropane	25	26.3	105	78-122
124-48-1	Dibromochloromethane	25	23.2	93	68-118
75-71-8	Dichlorodifluoromethane	25	36.4	146	43-173
156-59-2	cis-1,2-Dichloroethylene	25	24.8	99	81-120
10061-01-5	cis-1,3-Dichloropropene	25	26.4	106	73-115
541-73-1	m-Dichlorobenzene	25	23.6	94	78-116
95-50-1	o-Dichlorobenzene	25	23.0	92	77-115
106-46-7	p-Dichlorobenzene	25	22.4	90	77-113
156-60-5	trans-1,2-Dichloroethylene	25	28.2	113	74-125
10061-02-6	trans-1,3-Dichloropropene	25	25.9	104	69-115
100-41-4	Ethylbenzene	25	24.5	98	82-115
74-83-9	Methyl bromide	25	30.6	122	60-165
74-87-3	Methyl chloride	25	33.9	136	58-152
75-09-2	Methylene chloride	25	28.2	113	66-125
1634-04-4	Methyl Tert Butyl Ether	25	24.5	98	67-127
71-55-6	1,1,1-Trichloroethane	25	28.4	114	78-132
79-34-5	1,1,2,2-Tetrachloroethane	25	21.1	84	67-119
79-00-5	1,1,2-Trichloroethane	25	22.5	90	74-115
127-18-4	Tetrachloroethylene	25	27.3	109	75-126
108-88-3	Toluene	25	24.6	98	81-114
79-01-6	Trichloroethylene	25	27.0	108	80-115
75-69-4	Trichlorofluoromethane	25	35.4	142	65-163
75-01-4	Vinyl chloride	25	34.1	136	70-151
	m,p-Xylene	50	50.5	101	83-118
95-47-6	o-Xylene	25	24.9	100	77-119

Blank Spike Summary

Job Number: F42657
Account: STOLCOGJ S M Stoller
Project: Star Center-B100

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VB1710-BS	B040488.D	1	08/09/06	KW	n/a	n/a	VB1710

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

F42657-1

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	107%	86-115%
17060-07-0	1,2-Dichloroethane-D4	111%	73-126%
2037-26-5	Toluene-D8	97%	86-112%
460-00-4	4-Bromofluorobenzene	94%	83-119%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F42657
Account: STOLCOGJ S M Stoller
Project: Star Center-B100

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
F42657-3MS	J024349.D	20	08/10/06	JG	n/a	n/a	VJ999
F42657-3MSD	J024350.D	20	08/11/06	JG	n/a	n/a	VJ999
F42657-3	J024348.D	20	08/10/06	JG	n/a	n/a	VJ999

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

F42657-3, F42657-4

CAS No.	Compound	F42657-3 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	ND		500	495	99	473	95	5	72-125/7
75-27-4	Bromodichloromethane	ND		500	432	86	425	85	2	72-120/8
75-25-2	Bromoform	ND		500	434	87	437	87	1	55-127/11
108-90-7	Chlorobenzene	ND		500	465	93	460	92	1	79-113/7
75-00-3	Chloroethane	ND		500	538	108	487	97	10	56-164/14
67-66-3	Chloroform	ND		500	467	93	454	91	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	478	96	467	93	2	56-145/12
75-34-3	1,1-Dichloroethane	ND		500	466	93	459	92	2	70-122/10
75-35-4	1,1-Dichloroethylene	11.4	J	500	472	92	460	90	3	61-137/15
107-06-2	1,2-Dichloroethane	ND		500	468	94	451	90	4	64-124/7
78-87-5	1,2-Dichloropropane	ND		500	450	90	445	89	1	74-123/8
124-48-1	Dibromochloromethane	ND		500	416	83	420	84	1	63-119/9
75-71-8	Dichlorodifluoromethane	ND		500	549	110	570	114	4	35-184/21
156-59-2	cis-1,2-Dichloroethylene	1020		500	1430	82	1390	74	3	74-125/9
10061-01-5	cis-1,3-Dichloropropene	ND		500	409	82	402	80	2	65-112/10
541-73-1	m-Dichlorobenzene	ND		500	478	96	469	94	2	74-114/7
95-50-1	o-Dichlorobenzene	ND		500	490	98	482	96	2	73-114/8
106-46-7	p-Dichlorobenzene	ND		500	472	94	460	92	3	74-112/7
156-60-5	trans-1,2-Dichloroethylene	21.3		500	473	90	468	89	1	70-127/11
10061-02-6	trans-1,3-Dichloropropene	ND		500	444	89	445	89	0	59-116/11
100-41-4	Ethylbenzene	ND		500	462	92	456	91	1	73-119/8
74-83-9	Methyl bromide	ND		500	564	113	539	108	5	52-172/16
74-87-3	Methyl chloride	ND		500	511	102	528	106	3	53-155/19
75-09-2	Methylene chloride	34.9	JB	500	448	83	436	80	3	61-129/11
1634-04-4	Methyl Tert Butyl Ether	ND		500	415	83	416	83	0	61-129/9
71-55-6	1,1,1-Trichloroethane	ND		500	472	94	462	92	2	72-133/8
79-34-5	1,1,2,2-Tetrachloroethane	ND		500	484	97	474	95	2	64-120/10
79-00-5	1,1,2-Trichloroethane	ND		500	436	87	431	86	1	72-116/9
127-18-4	Tetrachloroethylene	ND		500	452	90	451	90	0	70-126/9
108-88-3	Toluene	ND		500	447	89	444	89	1	67-123/8
79-01-6	Trichloroethylene	960		500	1430	94	1390	86	3	73-117/10
75-69-4	Trichlorofluoromethane	ND		500	551	110	527	105	4	52-164/16
75-01-4	Vinyl chloride	143		500	665	104	668	105	0	63-161/18
	m,p-Xylene	ND		1000	940	94	930	93	1	74-123/7
95-47-6	o-Xylene	ND		500	469	94	467	93	0	68-123/7

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F42657
Account: STOLCOGJ S M Stoller
Project: Star Center-B100

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
F42657-3MS	J024349.D	20	08/10/06	JG	n/a	n/a	VJ999
F42657-3MSD	J024350.D	20	08/11/06	JG	n/a	n/a	VJ999
F42657-3	J024348.D	20	08/10/06	JG	n/a	n/a	VJ999

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

F42657-3, F42657-4

CAS No.	Surrogate Recoveries	MS	MSD	F42657-3	Limits
1868-53-7	Dibromofluoromethane	99%	99%	102%	86-115%
17060-07-0	1,2-Dichloroethane-D4	105%	105%	106%	73-126%
2037-26-5	Toluene-D8	95%	95%	96%	86-112%
460-00-4	4-Bromofluorobenzene	97%	98%	103%	83-119%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F42657
Account: STOLCOGJ S M Stoller
Project: Star Center-B100

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
F42657-2MS	B040467.D	10	08/08/06	KW	n/a	n/a	VB1709
F42657-2MSD	B040468.D	10	08/08/06	KW	n/a	n/a	VB1709
F42657-2	B040466.D	10	08/08/06	KW	n/a	n/a	VB1709

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

F42657-2

CAS No.	Compound	F42657-2 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	ND		250	285	114	263	105	8*	72-125/7
75-27-4	Bromodichloromethane	ND		250	253	101	241	96	5	72-120/8
75-25-2	Bromoform	ND		250	244	98	238	95	2	55-127/11
108-90-7	Chlorobenzene	ND		250	256	102	241	96	6	79-113/7
75-00-3	Chloroethane	ND		250	305	122	285	114	7	56-164/14
67-66-3	Chloroform	ND		250	281	112	265	106	6	75-120/8
110-75-8	2-Chloroethyl vinyl ether	ND		1250	67.7	5*	33.4	3*	68*	8-137/18
56-23-5	Carbon tetrachloride	ND		250	289	116	273	109	6	56-145/12
75-34-3	1,1-Dichloroethane	6.7	J	250	294	115	279	109	5	70-122/10
75-35-4	1,1-Dichloroethylene	15.8		250	302	114	286	108	5	61-137/15
107-06-2	1,2-Dichloroethane	ND		250	261	104	254	102	3	64-124/7
78-87-5	1,2-Dichloropropane	ND		250	272	109	257	103	6	74-123/8
124-48-1	Dibromochloromethane	ND		250	243	97	237	95	3	63-119/9
75-71-8	Dichlorodifluoromethane	ND		250	357	143	345	138	3	35-184/21
156-59-2	cis-1,2-Dichloroethylene	578		250	827	100	783	82	5	74-125/9
10061-01-5	cis-1,3-Dichloropropene	ND		250	268	107	255	102	5	65-112/10
541-73-1	m-Dichlorobenzene	ND		250	237	95	228	91	4	74-114/7
95-50-1	o-Dichlorobenzene	ND		250	239	96	230	92	4	73-114/8
106-46-7	p-Dichlorobenzene	ND		250	231	92	225	90	3	74-112/7
156-60-5	trans-1,2-Dichloroethylene	39.0		250	324	114	308	108	5	70-127/11
10061-02-6	trans-1,3-Dichloropropene	ND		250	275	110	263	105	4	59-116/11
100-41-4	Ethylbenzene	ND		250	260	104	247	99	5	73-119/8
74-83-9	Methyl bromide	ND		250	283	113	269	108	5	52-172/16
74-87-3	Methyl chloride	ND		250	331	132	314	126	5	53-155/19
75-09-2	Methylene chloride	17.8	JB	250	267	100	258	96	3	61-129/11
1634-04-4	Methyl Tert Butyl Ether	ND		250	254	102	246	98	3	61-129/9
71-55-6	1,1,1-Trichloroethane	ND		250	289	116	274	110	5	72-133/8
79-34-5	1,1,2,2-Tetrachloroethane	ND		250	239	96	237	95	1	64-120/10
79-00-5	1,1,2-Trichloroethane	ND		250	254	102	238	95	7	72-116/9
127-18-4	Tetrachloroethylene	ND		250	273	109	255	102	7	70-126/9
108-88-3	Toluene	ND		250	260	104	247	99	5	67-123/8
79-01-6	Trichloroethylene	368		250	636	107	608	96	5	73-117/10
75-69-4	Trichlorofluoromethane	ND		250	317	127	304	122	4	52-164/16
75-01-4	Vinyl chloride	73.3		250	405	133	385	125	5	63-161/18
	m,p-Xylene	ND		500	534	107	502	100	6	74-123/7
95-47-6	o-Xylene	ND		250	265	106	250	100	6	68-123/7

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F42657
Account: STOLCOGJ S M Stoller
Project: Star Center-B100

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
F42657-2MS	B040467.D	10	08/08/06	KW	n/a	n/a	VB1709
F42657-2MSD	B040468.D	10	08/08/06	KW	n/a	n/a	VB1709
F42657-2	B040466.D	10	08/08/06	KW	n/a	n/a	VB1709

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

F42657-2

CAS No.	Surrogate Recoveries	MS	MSD	F42657-2	Limits
1868-53-7	Dibromofluoromethane	104%	102%	103%	86-115%
17060-07-0	1,2-Dichloroethane-D4	109%	108%	106%	73-126%
2037-26-5	Toluene-D8	98%	98%	100%	86-112%
460-00-4	4-Bromofluorobenzene	97%	98%	103%	83-119%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F42657
Account: STOLCOGJ S M Stoller
Project: Star Center-B100

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
F42740-2MS	B040501.D	1	08/09/06	KW	n/a	n/a	VB1710
F42740-2MSD	B040502.D	1	08/09/06	KW	n/a	n/a	VB1710
F42740-2	B040500.D	1	08/09/06	KW	n/a	n/a	VB1710

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

F42657-1

CAS No.	Compound	F42740-2 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	ND		25	27.9	112	27.5	110	1	72-125/7
75-27-4	Bromodichloromethane	ND		25	25.6	102	25.3	101	1	72-120/8
75-25-2	Bromoform	ND		25	24.6	98	24.1	96	2	55-127/11
108-90-7	Chlorobenzene	ND		25	24.7	99	24.5	98	1	79-113/7
75-00-3	Chloroethane	ND		25	33.0	132	32.1	128	3	56-164/14
67-66-3	Chloroform	0.54	J	25	28.9	113	28.5	112	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	29.5	118	29.3	117	1	56-145/12
75-34-3	1,1-Dichloroethane	ND		25	29.1	116	28.7	115	1	70-122/10
75-35-4	1,1-Dichloroethylene	ND		25	30.0	120	29.1	116	3	61-137/15
107-06-2	1,2-Dichloroethane	ND		25	27.6	110	27.3	109	1	64-124/7
78-87-5	1,2-Dichloropropane	ND		25	26.8	107	26.8	107	0	74-123/8
124-48-1	Dibromochloromethane	ND		25	24.4	98	23.8	95	2	63-119/9
75-71-8	Dichlorodifluoromethane	ND		25	35.4	142	38.5	154	8	35-184/21
156-59-2	cis-1,2-Dichloroethylene	ND		25	25.8	103	25.9	104	0	74-125/9
10061-01-5	cis-1,3-Dichloropropene	ND		25	26.7	107	26.8	107	0	65-112/10
541-73-1	m-Dichlorobenzene	ND		25	23.4	94	23.1	92	1	74-114/7
95-50-1	o-Dichlorobenzene	ND		25	23.4	94	23.4	94	0	73-114/8
106-46-7	p-Dichlorobenzene	ND		25	22.8	91	22.8	91	0	74-112/7
156-60-5	trans-1,2-Dichloroethylene	ND		25	28.7	115	28.5	114	1	70-127/11
10061-02-6	trans-1,3-Dichloropropene	ND		25	25.4	102	25.1	100	1	59-116/11
100-41-4	Ethylbenzene	ND		25	24.8	99	24.2	97	2	73-119/8
74-83-9	Methyl bromide	ND		25	32.3	129	30.8	123	5	52-172/16
74-87-3	Methyl chloride	ND		25	35.9	144	36.4	146	1	53-155/19
75-09-2	Methylene chloride	ND		25	26.8	107	26.8	107	0	61-129/11
1634-04-4	Methyl Tert Butyl Ether	ND		25	24.8	99	25.3	101	2	61-129/9
71-55-6	1,1,1-Trichloroethane	ND		25	29.3	117	29.0	116	1	72-133/8
79-34-5	1,1,2,2-Tetrachloroethane	ND		25	23.5	94	23.5	94	0	64-120/10
79-00-5	1,1,2-Trichloroethane	ND		25	23.4	94	23.4	94	0	72-116/9
127-18-4	Tetrachloroethylene	0.56	J	25	27.2	107	26.6	104	2	70-126/9
108-88-3	Toluene	ND		25	24.9	100	24.2	97	3	67-123/8
79-01-6	Trichloroethylene	ND		25	27.3	109	27.4	110	0	73-117/10
75-69-4	Trichlorofluoromethane	ND		25	38.1	152	37.9	152	1	52-164/16
75-01-4	Vinyl chloride	ND		25	35.4	142	35.7	143	1	63-161/18
	m,p-Xylene	ND		50	50.8	102	49.8	100	2	74-123/7
95-47-6	o-Xylene	ND		25	25.4	102	24.7	99	3	68-123/7

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F42657
Account: STOLCOGJ S M Stoller
Project: Star Center-B100

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
F42740-2MS	B040501.D	1	08/09/06	KW	n/a	n/a	VB1710
F42740-2MSD	B040502.D	1	08/09/06	KW	n/a	n/a	VB1710
F42740-2	B040500.D	1	08/09/06	KW	n/a	n/a	VB1710

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

F42657-1

CAS No.	Surrogate Recoveries	MS	MSD	F42740-2	Limits
1868-53-7	Dibromofluoromethane	107%	108%	105%	86-115%
17060-07-0	1,2-Dichloroethane-D4	113%	116%	108%	73-126%
2037-26-5	Toluene-D8	95%	93%	95%	86-112%
460-00-4	4-Bromofluorobenzene	91%	92%	97%	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: F42657
Account: STOLCOGJ S M Stoller
Project: Star Center-B100

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP17474-MB	L033036.D	1	08/09/06	NJ	08/07/06	OP17474	SL1705

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

F42657-4

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: F42657
Account: STOLCOGJ S M Stoller
Project: Star Center-B100

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP17474-MB	L033036.D	1	08/09/06	NJ	08/07/06	OP17474	SL1705

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

F42657-4

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	48%	19-90%
4165-62-2	Phenol-d5	32%	10-68%

Method Blank Summary

Job Number: F42657
Account: STOLCOGJ S M Stoller
Project: Star Center-B100

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP17474-MB	L033036.D	1	08/09/06	NJ	08/07/06	OP17474	SL1705

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

F42657-4

CAS No.	Surrogate Recoveries		Limits
118-79-6	2,4,6-Tribromophenol	88%	36-137%
4165-60-0	Nitrobenzene-d5	78%	49-119%
321-60-8	2-Fluorobiphenyl	72%	45-118%
1718-51-0	Terphenyl-d14	76%	46-135%

Blank Spike Summary

Job Number: F42657
Account: STOLCOGJ S M Stoller
Project: Star Center-B100

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP17474-BS	L033035.D	1	08/09/06	NJ	08/07/06	OP17474	SL1705

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

F42657-4

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
65-85-0	Benzoic Acid	100	25.3	25	10-50
95-57-8	2-Chlorophenol	50	37.4	75	57-100
59-50-7	4-Chloro-3-methyl phenol	50	40.2	80	63-105
120-83-2	2,4-Dichlorophenol	50	41.9	84	65-106
105-67-9	2,4-Dimethylphenol	50	31.0	62	49-90
51-28-5	2,4-Dinitrophenol	100	58.8	59	26-125
534-52-1	4,6-Dinitro-o-cresol	100	69.6	70	56-121
95-48-7	2-Methylphenol	50	32.3	65	48-90
	3&4-Methylphenol	100	63.2	63	43-94
88-75-5	2-Nitrophenol	50	40.2	80	62-107
100-02-7	4-Nitrophenol	100	35.2	35	19-66
87-86-5	Pentachlorophenol	100	83.7	84	62-120
108-95-2	Phenol	50	19.0	38	20-65
95-95-4	2,4,5-Trichlorophenol	50	42.5	85	67-103
88-06-2	2,4,6-Trichlorophenol	50	42.4	85	68-104
83-32-9	Acenaphthene	50	38.3	77	67-101
208-96-8	Acenaphthylene	50	39.0	78	65-100
120-12-7	Anthracene	50	41.7	83	71-103
56-55-3	Benzo(a)anthracene	50	42.2	84	71-105
50-32-8	Benzo(a)pyrene	50	39.8	80	67-106
205-99-2	Benzo(b)fluoranthene	50	41.1	82	68-108
191-24-2	Benzo(g,h,i)perylene	50	42.3	85	65-110
207-08-9	Benzo(k)fluoranthene	50	40.6	81	69-110
101-55-3	4-Bromophenyl phenyl ether	50	41.0	82	71-106
85-68-7	Butyl benzyl phthalate	50	37.9	76	66-110
100-51-6	Benzyl Alcohol	50	34.9	70	36-101
91-58-7	2-Chloronaphthalene	50	34.4	69	62-99
106-47-8	4-Chloroaniline	50	39.5	79	58-101
86-74-8	Carbazole	50	40.4	81	73-106
218-01-9	Chrysene	50	41.7	83	71-105
111-91-1	bis(2-Chloroethoxy)methane	50	37.0	74	56-101
111-44-4	bis(2-Chloroethyl)ether	50	38.5	77	60-108
108-60-1	bis(2-Chloroisopropyl)ether	50	31.2	62	49-108
7005-72-3	4-Chlorophenyl phenyl ether	50	39.8	80	69-106
95-50-1	1,2-Dichlorobenzene	50	17.3	35* [a]	48-98
541-73-1	1,3-Dichlorobenzene	50	14.7	29* [a]	44-95

Blank Spike Summary

Job Number: F42657
Account: STOLCOGJ S M Stoller
Project: Star Center-B100

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP17474-BS	L033035.D	1	08/09/06	NJ	08/07/06	OP17474	SL1705

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

F42657-4

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
106-46-7	1,4-Dichlorobenzene	50	16.0	32* [a]	46-96
121-14-2	2,4-Dinitrotoluene	50	41.0	82	64-107
606-20-2	2,6-Dinitrotoluene	50	39.4	79	64-102
91-94-1	3,3'-Dichlorobenzidine	50	39.9	80	54-109
53-70-3	Dibenzo(a,h)anthracene	50	41.8	84	61-112
132-64-9	Dibenzofuran	50	40.1	80	70-102
84-74-2	Di-n-butyl phthalate	50	39.5	79	69-109
117-84-0	Di-n-octyl phthalate	50	36.3	73	63-125
84-66-2	Diethyl phthalate	50	40.9	82	66-111
131-11-3	Dimethyl phthalate	50	41.5	83	66-109
117-81-7	bis(2-Ethylhexyl)phthalate	50	37.0	74	66-114
206-44-0	Fluoranthene	50	43.9	88	71-108
86-73-7	Fluorene	50	40.1	80	68-102
118-74-1	Hexachlorobenzene	50	42.3	85	69-103
87-68-3	Hexachlorobutadiene	50	17.0	34* [a]	48-100
77-47-4	Hexachlorocyclopentadiene	50	9.7	19* [a]	20-85
67-72-1	Hexachloroethane	50	12.6	25* [a]	41-98
193-39-5	Indeno(1,2,3-cd)pyrene	50	42.1	84	66-112
78-59-1	Isophorone	50	41.3	83	62-105
91-57-6	2-Methylnaphthalene	50	38.6	77	62-105
88-74-4	2-Nitroaniline	50	39.2	78	66-105
99-09-2	3-Nitroaniline	50	37.9	76	56-104
100-01-6	4-Nitroaniline	50	39.6	79	62-110
91-20-3	Naphthalene	50	28.0	56	56-99
98-95-3	Nitrobenzene	50	37.4	75	60-102
621-64-7	N-Nitroso-di-n-propylamine	50	39.0	78	56-101
86-30-6	N-Nitrosodiphenylamine	50	40.0	80	69-106
85-01-8	Phenanthrene	50	41.6	83	71-104
129-00-0	Pyrene	50	40.1	80	67-108
120-82-1	1,2,4-Trichlorobenzene	50	22.1	44* [a]	52-99

CAS No.	Surrogate Recoveries	BSP	Limits
367-12-4	2-Fluorophenol	51%	19-90%
4165-62-2	Phenol-d5	34%	10-68%

Blank Spike Summary

Job Number: F42657
Account: STOLCOGJ S M Stoller
Project: Star Center-B100

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP17474-BS	L033035.D	1	08/09/06	NJ	08/07/06	OP17474	SL1705

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

F42657-4

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	78%	45-118%
1718-51-0	Terphenyl-d14	76%	46-135%

(a) Spike recovery within control limits in MS/MSD.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F42657
Account: STOLCOGJ S M Stoller
Project: Star Center-B100

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP17474-MS	L033038.D	1	08/09/06	NJ	08/07/06	OP17474	SL1705
OP17474-MSD	L033039.D	1	08/09/06	NJ	08/07/06	OP17474	SL1705
F42657-4 [a]	L033037.D	1	08/09/06	NJ	08/07/06	OP17474	SL1705

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

F42657-4

CAS No.	Compound	F42657-4 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	85.4	44	98.3	51	14	10-80/45
95-57-8	2-Chlorophenol	ND		96.2	74.2	77	76.4	79	3	43-109/27
59-50-7	4-Chloro-3-methyl phenol	ND		96.2	77.9	81	83.1	86	6	57-109/20
120-83-2	2,4-Dichlorophenol	ND		96.2	81.6	85	86.2	90	5	49-114/23
105-67-9	2,4-Dimethylphenol	ND		96.2	62.2	65	68.3	71	9	32-103/24
51-28-5	2,4-Dinitrophenol	ND		192	135	70	151	79	11	20-131/28
534-52-1	4,6-Dinitro-o-cresol	ND		192	154	80	162	84	5	46-130/23
95-48-7	2-Methylphenol	ND		96.2	65.2	68	69.5	72	6	40-102/25
	3&4-Methylphenol	ND		192	134	70	142	74	6	39-97/24
88-75-5	2-Nitrophenol	ND		96.2	80.0	83	82.8	86	3	46-115/26
100-02-7	4-Nitrophenol	ND		192	88.8	46	102	53	14	28-81/30
87-86-5	Pentachlorophenol	ND		192	164	85	168	87	2	53-128/22
108-95-2	Phenol	ND		96.2	43.1	45	47.9	50	11	19-81/33
95-95-4	2,4,5-Trichlorophenol	ND		96.2	81.8	85	86.1	90	5	56-110/19
88-06-2	2,4,6-Trichlorophenol	ND		96.2	79.4	83	85.8	89	8	55-112/19
83-32-9	Acenaphthene	ND		96.2	79.4	83	83.1	86	5	58-109/18
208-96-8	Acenaphthylene	ND		96.2	78.6	82	83.4	87	6	59-103/18
120-12-7	Anthracene	ND		96.2	82.7	86	84.4	88	2	65-108/16
56-55-3	Benzo(a)anthracene	ND		96.2	81.5	85	85.2	89	4	68-106/17
50-32-8	Benzo(a)pyrene	ND		96.2	75.6	79	80.7	84	7	61-108/18
205-99-2	Benzo(b)fluoranthene	ND		96.2	79.1	82	82.3	86	4	65-109/18
191-24-2	Benzo(g,h,i)perylene	ND		96.2	80.1	83	82.1	85	2	60-114/19
207-08-9	Benzo(k)fluoranthene	ND		96.2	78.4	82	82.9	86	6	66-111/17
101-55-3	4-Bromophenyl phenyl ether	ND		96.2	82.6	86	83.8	87	1	68-108/17
85-68-7	Butyl benzyl phthalate	ND		96.2	75.4	78	79.3	82	5	64-111/18
100-51-6	Benzyl Alcohol	ND		96.2	71.8	75	78.4	82	9	44-105/26
91-58-7	2-Chloronaphthalene	ND		96.2	77.5	81	81.9	85	6	57-102/20
106-47-8	4-Chloroaniline	ND		96.2	70.4	73	80.0	83	13	37-106/27
86-74-8	Carbazole	ND		96.2	79.5	83	85.2	89	7	68-111/16
218-01-9	Chrysene	ND		96.2	80.2	83	83.9	87	5	69-106/17
111-91-1	bis(2-Chloroethoxy)methane	ND		96.2	71.9	75	73.9	77	3	46-106/24
111-44-4	bis(2-Chloroethyl)ether	ND		96.2	75.6	79	77.8	81	3	48-114/28
108-60-1	bis(2-Chloroisopropyl)ether	ND		96.2	65.3	68	68.1	71	4	43-110/26
7005-72-3	4-Chlorophenyl phenyl ether	ND		96.2	79.2	82	82.8	86	4	66-107/17
95-50-1	1,2-Dichlorobenzene	ND		96.2	63.2	66	63.0	66	0	45-103/24
541-73-1	1,3-Dichlorobenzene	ND		96.2	59.5	62	59.0	61	1	42-100/24

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F42657
Account: STOLCOGJ S M Stoller
Project: Star Center-B100

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP17474-MS	L033038.D	1	08/09/06	NJ	08/07/06	OP17474	SL1705
OP17474-MSD	L033039.D	1	08/09/06	NJ	08/07/06	OP17474	SL1705
F42657-4 [a]	L033037.D	1	08/09/06	NJ	08/07/06	OP17474	SL1705

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

F42657-4

CAS No.	Compound	F42657-4 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	61.9	64	61.0	63	1	43-102/24
121-14-2	2,4-Dinitrotoluene	ND		96.2	78.1	81	84.0	87	7	60-108/18
606-20-2	2,6-Dinitrotoluene	ND		96.2	74.7	78	79.5	83	6	59-105/18
91-94-1	3,3'-Dichlorobenzidine	ND		96.2	39.4	41	44.3	46	12	21-120/24
53-70-3	Dibenzo(a,h)anthracene	ND		96.2	78.7	82	82.1	85	4	59-112/18
132-64-9	Dibenzofuran	ND		96.2	77.7	81	84.2	88	8	65-105/17
84-74-2	Di-n-butyl phthalate	ND		96.2	78.1	81	81.4	85	4	68-109/18
117-84-0	Di-n-octyl phthalate	ND		96.2	75.2	78	79.6	83	6	59-127/23
84-66-2	Diethyl phthalate	ND		96.2	78.9	82	83.4	87	6	64-111/18
131-11-3	Dimethyl phthalate	ND		96.2	77.9	81	83.0	86	6	63-109/17
117-81-7	bis(2-Ethylhexyl)phthalate	ND		96.2	73.7	77	78.5	82	6	58-119/21
206-44-0	Fluoranthene	ND		96.2	86.0	89	87.0	90	1	68-110/18
86-73-7	Fluorene	ND		96.2	79.0	82	83.1	86	5	62-106/17
118-74-1	Hexachlorobenzene	ND		96.2	81.4	85	84.8	88	4	66-106/16
87-68-3	Hexachlorobutadiene	ND		96.2	68.4	71	70.0	73	2	46-107/26
77-47-4	Hexachlorocyclopentadiene	ND		96.2	36.8	38	42.8	45	15	16-84/31
67-72-1	Hexachloroethane	ND		96.2	55.9	58	55.3	58	1	39-105/25
193-39-5	Indeno(1,2,3-cd)pyrene	ND		96.2	78.5	82	83.9	87	7	61-115/19
78-59-1	Isophorone	ND		96.2	79.3	82	82.3	86	4	54-107/22
91-57-6	2-Methylnaphthalene	ND		96.2	81.3	85	88.3	92	8	53-112/22
88-74-4	2-Nitroaniline	ND		96.2	73.5	76	82.5	86	12	60-108/18
99-09-2	3-Nitroaniline	ND		96.2	64.8	67	76.9	80	17	43-103/23
100-01-6	4-Nitroaniline	ND		96.2	74.5	77	82.6	86	10	55-110/19
91-20-3	Naphthalene	ND		96.2	75.5	79	77.9	81	3	49-104/24
98-95-3	Nitrobenzene	ND		96.2	76.4	79	78.7	82	3	50-107/25
621-64-7	N-Nitroso-di-n-propylamine	ND		96.2	72.7	76	75.4	78	4	47-104/23
86-30-6	N-Nitrosodiphenylamine	ND		96.2	79.5	83	82.0	85	3	63-110/17
85-01-8	Phenanthrene	ND		96.2	81.4	85	84.7	88	4	67-108/17
129-00-0	Pyrene	ND		96.2	77.5	81	81.4	85	5	65-108/18
120-82-1	1,2,4-Trichlorobenzene	ND		96.2	72.1	75	74.3	77	3	49-104/25

CAS No.	Surrogate Recoveries	MS	MSD	F42657-4	Limits
367-12-4	2-Fluorophenol	59%	64%	34%	19-90%
4165-62-2	Phenol-d5	43%	48%	20%	10-68%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F42657
Account: STOLCOGJ S M Stoller
Project: Star Center-B100

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP17474-MS	L033038.D	1	08/09/06	NJ	08/07/06	OP17474	SL1705
OP17474-MSD	L033039.D	1	08/09/06	NJ	08/07/06	OP17474	SL1705
F42657-4 [a]	L033037.D	1	08/09/06	NJ	08/07/06	OP17474	SL1705

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

F42657-4

CAS No.	Surrogate Recoveries	MS	MSD	F42657-4	Limits
118-79-6	2,4,6-Tribromophenol	86%	91%	80%	36-137%
4165-60-0	Nitrobenzene-d5	78%	82%	76%	49-119%
321-60-8	2-Fluorobiphenyl	78%	83%	75%	45-118%
1718-51-0	Terphenyl-d14	76%	79%	73%	46-135%

(a) Associated Blank Spike outside QC limits; insufficient samples for re-extraction.

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: F42657
Account: STOLCOGJ - S M Stoller
Project: Star Center-B100

QC Batch ID: MP10056
Matrix Type: AQUEOUS

Methods: SW846 6010B
Units: ug/l

Prep Date: 08/07/06

Metal	RL	IDL	MB raw	final
Aluminum	200	18	anr	
Antimony	6.0	3.4	anr	
Arsenic	10	2.8	anr	
Barium	200	.4	anr	
Beryllium	4.0	.4	anr	
Cadmium	5.0	.2	anr	
Calcium	1000	42	anr	
Chromium	10	.6	anr	
Cobalt	50	.6	anr	
Copper	25	.9	anr	
Iron	300	12	2.8	<300
Lead	10	1.7	anr	
Magnesium	5000	4.3	anr	
Manganese	15	.6	anr	
Molybdenum	50	1.3		
Nickel	40	.8	anr	
Potassium	10000	10	anr	
Selenium	10	2	anr	
Silver	10	.9	anr	
Sodium	10000	500	anr	
Thallium	10	2.3	anr	
Tin	50	3.1		
Vanadium	50	.6	anr	
Zinc	20	1.3	anr	

Associated samples MP10056: F42657-3, F42657-4

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: F42657
Account: STOLCOGJ - S M Stoller
Project: Star Center-B100

QC Batch ID: MP10056
Matrix Type: AQUEOUS

Methods: SW846 6010B
Units: ug/l

Prep Date:			08/07/06					08/07/06	
Metal	F42633-1 Original	DUP	RPD	QC Limits	F42633-1 Original	MS	Spikelot MPFLICP1	% Rec	QC Limits
Aluminum	anr								
Antimony	anr								
Arsenic	anr								
Barium	anr								
Beryllium	anr								
Cadmium	anr								
Calcium	anr								
Chromium	anr								
Cobalt	anr								
Copper	anr								
Iron	1610	1740	7.8	0-20	1610	28600	26000	103.8	80-120
Lead	anr								
Magnesium	anr								
Manganese	anr								
Molybdenum									
Nickel	anr								
Potassium	anr								
Selenium	anr								
Silver	anr								
Sodium	anr								
Thallium	anr								
Tin									
Vanadium	anr								
Zinc	anr								

Associated samples MP10056: F42657-3, F42657-4

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: F42657
Account: STOLCOGJ - S M Stoller
Project: Star Center-B100

QC Batch ID: MP10056
Matrix Type: AQUEOUS

Methods: SW846 6010B
Units: ug/l

Prep Date: 08/07/06

Metal	F42633-1 Original	MSD	Spikelot MPFLICP1	% Rec	MSD RPD	QC Limit
Aluminum	anr					
Antimony	anr					
Arsenic	anr					
Barium	anr					
Beryllium	anr					
Cadmium	anr					
Calcium	anr					
Chromium	anr					
Cobalt	anr					
Copper	anr					
Iron	1610	28300	26000	102.7	1.1	20
Lead	anr					
Magnesium	anr					
Manganese	anr					
Molybdenum						
Nickel	anr					
Potassium	anr					
Selenium	anr					
Silver	anr					
Sodium	anr					
Thallium	anr					
Tin						
Vanadium	anr					
Zinc	anr					

Associated samples MP10056: F42657-3, F42657-4

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: F42657
Account: STOLCOGJ - S M Stoller
Project: Star Center-B100

QC Batch ID: MP10056
Matrix Type: AQUEOUS

Methods: SW846 6010B
Units: ug/l

Prep Date: 08/07/06

Metal	BSP Result	Spikelot MPFLICP1	% Rec	QC Limits
Aluminum	anr			
Antimony	anr			
Arsenic	anr			
Barium	anr			
Beryllium	anr			
Cadmium	anr			
Calcium	anr			
Chromium	anr			
Cobalt	anr			
Copper	anr			
Iron	27500	26000	105.8	80-120
Lead	anr			
Magnesium	anr			
Manganese	anr			
Molybdenum				
Nickel	anr			
Potassium	anr			
Selenium	anr			
Silver	anr			
Sodium	anr			
Thallium	anr			
Tin				
Vanadium	anr			
Zinc	anr			

Associated samples MP10056: F42657-3, F42657-4

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

SERIAL DILUTION RESULTS SUMMARY

Login Number: F42657
Account: STOLCOGJ - S M Stoller
Project: Star Center-B100

QC Batch ID: MP10056
Matrix Type: AQUEOUS

Methods: SW846 6010B
Units: ug/l

Prep Date: 08/07/06

Metal	F42633-1 Original	SDL 1:5	RPD	QC Limits
Aluminum	anr			
Antimony	anr			
Arsenic	anr			
Barium	anr			
Beryllium	anr			
Cadmium	anr			
Calcium	anr			
Chromium	anr			
Cobalt	anr			
Copper	anr			
Iron	1610	1570	2.5	0-10
Lead	anr			
Magnesium	anr			
Manganese	anr			
Molybdenum				
Nickel	anr			
Potassium	anr			
Selenium	anr			
Silver	anr			
Sodium	anr			
Thallium	anr			
Tin				
Vanadium	anr			
Zinc	anr			

Associated samples MP10056: F42657-3, F42657-4

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

08/18/06

Technical Report for

S M Stoller

Star Center-B100 Monthly/Effluent; Largo, FL

7031-877

Accutest Job Number: F42671

Sampling Date: 08/03/06

Report to:

US Dept of Energy, Grand Jct Office
2597 B3/4 Road
Grand Junction, CO 81503

ATTN: Contracts Department, PO# 24231 x

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

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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 Laboratories

Sample Summary

S M Stoller

Job No: F42671

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

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
F42671-1	08/03/06	10:47	JPC	08/03/06	AQ	Ground Water	PIN12-TRTE-N002*B100

SAMPLE DELIVERY GROUP CASE NARRATIVE

Client: S M Stoller **Job No:** F42671

Site: Star Center-B100 Monthly/Effluent; Largo, FL **Report Date** 8/15/2006

1 Sample was collected on 08/03/2006 and were received at Accutest on 08/03/2006 properly preserved, at 2.4 Deg. C and intact. These Samples received an Accutest job number of F42671. 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:** VB1713

Samples F42821-1MS, F42821-1MSD were used as the QC samples indicated.

All method blanks for this batch meet method specific criteria.

F42671-1: 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: August 15, 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:	F42671-1	**Date Sampled:**	08/03/06
Matrix:	AQ - Ground Water	**Date Received:**	08/03/06
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]	B040580.D	1	08/11/06	KW	n/a	n/a	VB1713
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	98%		73-126%
2037-26-5	Toluene-D8	100%		86-112%
460-00-4	4-Bromofluorobenzene	110%		83-119%

(a) Sample collected on 08/03/06 at 10:47.
(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

JMC F42611

ACCUTEST JOB #: ~~F42657~~

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	NaOH	HNO3	H2SO4	NONE	BTEX, Total VOAs (by 624)	LAB USE ONLY
1	PIN12-TRTE-N002 * B100	8-3-06	1047	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] 8-3-06	1315	1. Luis Alse	2. Luis Alse	8/3/6 1315	2. Jorge Corral 8-4-06 8:00
3.		3.	4.		4.
5.		5.	SEAL #	PRESERVE WHERE APPLICABLE ☐	ON ICE ☐ TEMPERATURE 2.4 C

F42671: Chain of Custody
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ACCUTEST LABORATORIES SAMPLE RECEIPT CONFIRMATION

ACCUTEST'S JOB NUMBER: F42671 CLIENT: S.M. STOLLER PROJECT: START CENTER -MONTHLY EFF

DATE/TIME RECEIVED: 8-4-06 08:50 # 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

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 ? ϕ

NUMBER OF 5035 FIELD KITS ? ϕ

NUMBER OR LAB FILTERED METALS ? ϕ

SUMMARY OF COMMENTS:

TECHNICIAN SIGNATURE/DATE JC 8-4-06 TECHNICIAN SIGNATURE/DATE

ASBD03/27/06

4.1

4

F42671: 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: F42671
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
VB1713-MB	B040579.D	1	08/11/06	KW	n/a	n/a	VB1713

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

F42671-1

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	100%	86-115%
17060-07-0	1,2-Dichloroethane-D4	100%	73-126%
2037-26-5	Toluene-D8	101%	86-112%
460-00-4	4-Bromofluorobenzene	111%	83-119%

Blank Spike Summary

Job Number: F42671
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
VB1713-BS	B040578.D	1	08/11/06	KW	n/a	n/a	VB1713

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

F42671-1

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
71-43-2	Benzene	25	26.0	104	80-120
100-41-4	Ethylbenzene	25	26.5	106	82-115
108-88-3	Toluene	25	25.8	103	81-114
	m,p-Xylene	50	54.3	109	83-118
95-47-6	o-Xylene	25	27.0	108	77-119

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

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F42671
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
F42821-1MS	B040582.D	10	08/11/06	KW	n/a	n/a	VB1713
F42821-1MSD	B040583.D	10	08/11/06	KW	n/a	n/a	VB1713
F42821-1 [a]	B040581.D	10	08/11/06	KW	n/a	n/a	VB1713

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

F42671-1

CAS No.	Compound	F42821-1 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	144		250	389	98	372	91	4	72-125/7
100-41-4	Ethylbenzene	36.2		250	292	102	285	100	2	73-119/8
108-88-3	Toluene	136		250	382	98	374	95	2	67-123/8
	m,p-Xylene	84.8		500	610	105	596	102	2	74-123/7
95-47-6	o-Xylene	44.0		250	305	104	301	103	1	68-123/7

CAS No.	Surrogate Recoveries	MS	MSD	F42821-1	Limits
1868-53-7	Dibromofluoromethane	98%	100%	97%	86-115%
17060-07-0	1,2-Dichloroethane-D4	100%	102%	96%	73-126%
2037-26-5	Toluene-D8	101%	100%	100%	86-112%
460-00-4	4-Bromofluorobenzene	96%	97%	97%	83-119%

(a) Dilution required due to matrix interference (non-target compounds above calibration range).