Southeast ACCUTEST Laboratories

07/19/04

Technical Report for

S M Stoller

STAR Center- 4.5 Acre Site, Largo, FL

110406202

Accutest Job Number: F23552

Sampling Date: 04/20/04

Report to:

S M Stoller

Cathy.Kelleher@gjo.doe.gov

ATTN: Cathy Kelleher

Total number of pages in report: 25

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

Sections: 1 2 3 4

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Sample Summary

S M Stoller

Job No: F23552

STAR Center- 4.5 Acre Site, Largo, FL
Project No: 110406202

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
F23552-1	04/20/04	11:40	JC	04/21/04	AQ	Ground Water	PIN20-TRTI
F23552-2	04/20/04	11:45	JC	04/21/04	AQ	Ground Water	PIN20-TRTE
F23552-3	04/20/04	11:01	JC	04/21/04	AQ	Ground Water	PIN20-RW01
F23552-4	04/20/04	11:04	JC	04/21/04	AQ	Ground Water	PIN20-RW02
F23552-5	04/20/04	11:06	JC	04/21/04	AQ	Ground Water	PIN20-RW03

Accutest Laboratories Southeast, Inc.
Analytical Narrative

Client:	S M Stoller	**Job No:**	F23552
Site:	STAR Center- 4.5 Acre Site, Largo, FL	**Report Date**	4/27/2004

5 Samples were collected on 04/20/2004 and were received at Accutest on 04/21/2004 properly preserved, at 2.2 Deg. C and intact. These Samples received an Accutest job number of F23552.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 holding times, calibrations and quality control performance criteria were met.

Volatiles by GCMS By Method EPA 624

Matrix: AQ **Batch ID:** VJ313

All samples were run within holding times.

Samples F23552-1MS, F23552-1MSD were used as the QC samples indicated.

All method blanks for this batch passed with no positive results.

The Blank Spike had Methyl Bromide with a recovery above control limits. This compound was non-detect in all associated samples. Data not adversely affected.

Recoveries for 2-Chloroethyl vinyl ether in the MS/MSD are outside control limits. The Blank Spike had all compounds within control limits, except where noted above. Data not adversely affected.

Volatiles by GCMS By Method SW846 8260B

Matrix: AQ **Batch ID:** VJ315

All samples were run within holding times.

All method blanks for this batch passed with no positive results

Samples F23398-2MS, F23398-2MSD were used as the QC samples indicated.

The Method Blank has a detect of Methylene Chloride at a level less than the reporting limit, but greater than the method detection limit. All associated samples are non-detect for this compound. Data not adversely affected.

Extractables by GCMS By Method EPA 625

Matrix: AQ **Batch ID:** OP10261

All samples were extracted within holding time for method

All samples were run within holding times.

All method blanks for this batch passed with no positive results

Samples F23552-2MS, F23552-2MSD were used as the QC samples indicated.

Metals By Method SW846 6010B

Matrix: AQ **Batch ID:** MP6600

All samples were run within holding times.

All samples were digested within holding time for method

All method blanks for this batch passed with no positive results

Samples F23552-1DUP, F23552-1MS, F23552-1MSD, F23552-1SDL were used as the QC samples for metals.

RPD for Serial Dilution for Arsenic was outside control limits for sample MP6600-SD1. Percent difference acceptable due to low initial sample concentration (< 50 times IDL).

RPD for Duplicate for Arsenic are outside control limits for sample MP6600-D1. RPD acceptable due to low duplicate and sample concentrations.

Wet Chemistry By Method EPA 160.2

Matrix: AQ **Batch ID:** GN14313

All samples were run within holding times.

All method blanks for this batch passed with no positive results

Sample F23431-1DUP was used as the QC samples for Solids, Total Suspended.

Accutest Laboratories Southeast, Inc. certifies that this report meets the project requirements for analytical data produced for the samples as received at the Accutest Laboratories Southeast location as stated in the Analytical Task Order and the COC. In addition, Accutest Laboratories Southeast, Inc. certifies that data as reported meet the Data Quality Objectives for precision, accuracy and completeness as specified in the Accutest Laboratories Southeast, Inc. Quality Manual for other that conditions detailed above. It is recommended by Accutest Laboratories Southeast, Inc. that this report is to be used in its entirety. Accutest Laboratories Southeast, Inc. is not responsible for any assumptions of data quality if partial data packages are used to interpret data. The Accutest Laboratories Southeast, Inc. Laboratory Director as verified by the signature on the front page has authorized release of this report.

Narrative prepared by:

_____ Date: April 27, 2004

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

Report of Analysis

Client Sample ID:	PIN20-TRTI		
Lab Sample ID:	F23552-1	**Date Sampled:**	04/20/04
Matrix:	AQ - Ground Water	**Date Received:**	04/21/04
Method:	EPA 624	**Percent Solids:**	n/a
Project:	STAR Center- 4.5 Acre Site, Largo, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	J007169.D	1	04/21/04	RA	n/a	n/a	VJ313
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	1.0	1.0	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
110-75-8	2-Chloroethyl vinyl ether	ND	5.0	2.5	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.50	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.50	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.50	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.50	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.50	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.40	ug/l	
75-71-8	Dichlorodifluoromethane	ND	1.0	0.50	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	1.0	0.50	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.30	ug/l	
541-73-1	m-Dichlorobenzene	ND	1.0	0.50	ug/l	
95-50-1	o-Dichlorobenzene	ND	1.0	0.50	ug/l	
106-46-7	p-Dichlorobenzene	ND	1.0	0.50	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.50	ug/l	
74-83-9	Methyl bromide	ND	1.0	1.0	ug/l	
74-87-3	Methyl chloride	ND	1.0	1.0	ug/l	
75-09-2	Methylene chloride	ND	1.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.50	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.30	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.50	ug/l	
127-18-4	Tetrachloroethylene	ND	1.0	0.50	ug/l	
108-88-3	Toluene	ND	1.0	0.50	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.50	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	PIN20-TRTI		
Lab Sample ID:	F23552-1	**Date Sampled:**	04/20/04
Matrix:	AQ - Ground Water	**Date Received:**	04/21/04
Method:	EPA 624	**Percent Solids:**	n/a
Project:	STAR Center- 4.5 Acre Site, Largo, FL		

VOA Special List

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

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	105%		86-115%
17060-07-0	1,2-Dichloroethane-D4	115%		73-126%
2037-26-5	Toluene-D8	102%		86-112%
460-00-4	4-Bromofluorobenzene	108%		83-119%

ND = Not detected MDL - Method Detection Limit
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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:	PIN20-TRTI		
Lab Sample ID:	F23552-1	**Date Sampled:**	04/20/04
Matrix:	AQ - Ground Water	**Date Received:**	04/21/04
		Percent Solids:	n/a
Project:	STAR Center- 4.5 Acre Site, Largo, FL		

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	7.6 B	10	3.5	ug/l	1	04/21/04	04/22/04	DM	SW846 6010B [1]	SW846 3010A [2]
Iron	3350	300	48	ug/l	1	04/21/04	04/22/04	DM	SW846 6010B [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA3774
(2) Prep QC Batch: MP6600

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:	PIN20-TRTI		
Lab Sample ID:	F23552-1	**Date Sampled:**	04/20/04
Matrix:	AQ - Ground Water	**Date Received:**	04/21/04
		Percent Solids:	n/a
Project:	STAR Center- 4.5 Acre Site, Largo, FL		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Hardness, Total as CaCO3	777	4.0	mg/l	1	04/23/04	DM	SW846 6010B/SM 2340B

RL = Reporting Limit

Report of Analysis

Client Sample ID:	PIN20-TRTE		
Lab Sample ID:	F23552-2	**Date Sampled:**	04/20/04
Matrix:	AQ - Ground Water	**Date Received:**	04/21/04
Method:	EPA 624	**Percent Solids:**	n/a
Project:	STAR Center- 4.5 Acre Site, Largo, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	J007172.D	1	04/22/04	RA	n/a	n/a	VJ313
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	1.0	1.0	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
110-75-8	2-Chloroethyl vinyl ether	ND	5.0	2.5	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.50	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.50	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.50	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.50	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.50	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.40	ug/l	
75-71-8	Dichlorodifluoromethane	ND	1.0	0.50	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	1.0	0.50	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.30	ug/l	
541-73-1	m-Dichlorobenzene	ND	1.0	0.50	ug/l	
95-50-1	o-Dichlorobenzene	ND	1.0	0.50	ug/l	
106-46-7	p-Dichlorobenzene	ND	1.0	0.50	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.50	ug/l	
74-83-9	Methyl bromide	ND	1.0	1.0	ug/l	
74-87-3	Methyl chloride	ND	1.0	1.0	ug/l	
75-09-2	Methylene chloride	ND	1.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.50	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.30	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.50	ug/l	
127-18-4	Tetrachloroethylene	ND	1.0	0.50	ug/l	
108-88-3	Toluene	ND	1.0	0.50	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.50	ug/l	

ND = Not detected MDL - Method Detection Limit
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B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	PIN20-TRTE		
Lab Sample ID:	F23552-2	**Date Sampled:**	04/20/04
Matrix:	AQ - Ground Water	**Date Received:**	04/21/04
Method:	EPA 624	**Percent Solids:**	n/a
Project:	STAR Center- 4.5 Acre Site, Largo, FL		

VOA Special List

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

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	103%		86-115%
17060-07-0	1,2-Dichloroethane-D4	110%		73-126%
2037-26-5	Toluene-D8	100%		86-112%
460-00-4	4-Bromofluorobenzene	106%		83-119%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: PIN20-TRTE
Lab Sample ID: F23552-2
Matrix: AQ - Ground Water
Method: EPA 625 EPA 625
Project: STAR Center- 4.5 Acre Site, Largo, FL

Date Sampled: 04/20/04
Date Received: 04/21/04
Percent Solids: n/a

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	F005723.D	1	04/23/04	ME	04/23/04	OP10261	SF346
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic Acid	ND	25	15	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	3.0	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	

ND = Not detected MDL - Method Detection Limit
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B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	PIN20-TRTE		
Lab Sample ID:	F23552-2	**Date Sampled:**	04/20/04
Matrix:	AQ - Ground Water	**Date Received:**	04/21/04
Method:	EPA 625 EPA 625	**Percent Solids:**	n/a
Project:	STAR Center- 4.5 Acre Site, Largo, FL		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
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	
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	5.0	2.0	ug/l	
99-09-2	3-Nitroaniline	ND	5.0	2.0	ug/l	
100-01-6	4-Nitroaniline	ND	5.0	2.0	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	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	36%		19-90%
4165-62-2	Phenol-d5	23%		10-68%
118-79-6	2,4,6-Tribromophenol	84%		36-137%

ND = Not detected MDL - Method Detection Limit
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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:	PIN20-TRTE		
Lab Sample ID:	F23552-2	**Date Sampled:**	04/20/04
Matrix:	AQ - Ground Water	**Date Received:**	04/21/04
Method:	EPA 625 EPA 625	**Percent Solids:**	n/a
Project:	STAR Center- 4.5 Acre Site, Largo, FL		

ABN TCL List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	66%		49-119%
321-60-8	2-Fluorobiphenyl	67%		45-118%
1718-51-0	Terphenyl-d14	86%		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:	PIN20-TRTE		
Lab Sample ID:	F23552-2	**Date Sampled:**	04/20/04
Matrix:	AQ - Ground Water	**Date Received:**	04/21/04
		Percent Solids:	n/a
Project:	STAR Center- 4.5 Acre Site, Largo, FL		

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	3.5 U	10	3.5	ug/l	1	04/21/04	04/22/04	DM	SW846 6010B [1]	SW846 3010A [2]
Iron	3510	300	48	ug/l	1	04/21/04	04/22/04	DM	SW846 6010B [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA3774
(2) Prep QC Batch: MP6600

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:	PIN20-TRTE		
Lab Sample ID:	F23552-2	**Date Sampled:**	04/20/04
Matrix:	AQ - Ground Water	**Date Received:**	04/21/04
		Percent Solids:	n/a
Project:	STAR Center- 4.5 Acre Site, Largo, FL		

General Chemistry

Analyte	Result	RL	MDL	Units	DF	Analyzed	By	Method
Hardness, Total as CaCO3	822	4.0		mg/l	1	04/23/04	DM	SW846 6010B/SM 2340B
Solids, Total Suspended	4.0 U	4.0	4.0	mg/l	1	04/21/04 12:16	LE	EPA 160.2
pH	8.3			su	1	04/21/04	LE	EPA 150.1

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:	PIN20-RW01		
Lab Sample ID:	F23552-3	**Date Sampled:**	04/20/04
Matrix:	AQ - Ground Water	**Date Received:**	04/21/04
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	STAR Center- 4.5 Acre Site, Largo, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	J007202.D	1	04/22/04	RA	n/a	n/a	VJ315
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	1.0	1.0	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
110-75-8	2-Chloroethyl vinyl ether	ND	5.0	2.5	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.50	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.50	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.50	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.50	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.50	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.40	ug/l	
75-71-8	Dichlorodifluoromethane	ND	1.0	0.50	ug/l	
156-59-2	cis-1,2-Dichloroethylene	1.2	1.0	0.50	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.30	ug/l	
541-73-1	m-Dichlorobenzene	ND	1.0	0.50	ug/l	
95-50-1	o-Dichlorobenzene	ND	1.0	0.50	ug/l	
106-46-7	p-Dichlorobenzene	ND	1.0	0.50	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.50	ug/l	
74-83-9	Methyl bromide	ND	1.0	1.0	ug/l	
74-87-3	Methyl chloride	ND	1.0	1.0	ug/l	
75-09-2	Methylene chloride	ND	1.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.50	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.30	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.50	ug/l	
127-18-4	Tetrachloroethylene	ND	1.0	0.50	ug/l	
108-88-3	Toluene	ND	1.0	0.50	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.50	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	PIN20-RW01		
Lab Sample ID:	F23552-3	**Date Sampled:**	04/20/04
Matrix:	AQ - Ground Water	**Date Received:**	04/21/04
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	STAR Center- 4.5 Acre Site, Largo, FL		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-69-4	Trichlorofluoromethane	ND	1.0	0.60	ug/l	
75-01-4	Vinyl chloride	7.4	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%		86-115%
17060-07-0	1,2-Dichloroethane-D4	97%		73-126%
2037-26-5	Toluene-D8	91%		86-112%
460-00-4	4-Bromofluorobenzene	92%		83-119%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	PIN20-RW02		
Lab Sample ID:	F23552-4	**Date Sampled:**	04/20/04
Matrix:	AQ - Ground Water	**Date Received:**	04/21/04
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	STAR Center- 4.5 Acre Site, Largo, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	J007203.D	1	04/22/04	RA	n/a	n/a	VJ315
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	1.0	1.0	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
110-75-8	2-Chloroethyl vinyl ether	ND	5.0	2.5	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.50	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.50	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.50	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.50	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.50	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.40	ug/l	
75-71-8	Dichlorodifluoromethane	ND	1.0	0.50	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	1.0	0.50	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.30	ug/l	
541-73-1	m-Dichlorobenzene	ND	1.0	0.50	ug/l	
95-50-1	o-Dichlorobenzene	ND	1.0	0.50	ug/l	
106-46-7	p-Dichlorobenzene	ND	1.0	0.50	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.50	ug/l	
74-83-9	Methyl bromide	ND	1.0	1.0	ug/l	
74-87-3	Methyl chloride	ND	1.0	1.0	ug/l	
75-09-2	Methylene chloride	ND	1.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.50	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.30	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.50	ug/l	
127-18-4	Tetrachloroethylene	ND	1.0	0.50	ug/l	
108-88-3	Toluene	ND	1.0	0.50	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.50	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	PIN20-RW02		
Lab Sample ID:	F23552-4	**Date Sampled:**	04/20/04
Matrix:	AQ - Ground Water	**Date Received:**	04/21/04
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	STAR Center- 4.5 Acre Site, Largo, FL		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-69-4	Trichlorofluoromethane	ND	1.0	0.60	ug/l	
75-01-4	Vinyl chloride	1.2	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%		86-115%
17060-07-0	1,2-Dichloroethane-D4	96%		73-126%
2037-26-5	Toluene-D8	91%		86-112%
460-00-4	4-Bromofluorobenzene	92%		83-119%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	PIN20-RW03		
Lab Sample ID:	F23552-5	**Date Sampled:**	04/20/04
Matrix:	AQ - Ground Water	**Date Received:**	04/21/04
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	STAR Center- 4.5 Acre Site, Largo, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	J007204.D	1	04/22/04	RA	n/a	n/a	VJ315
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	1.0	1.0	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
110-75-8	2-Chloroethyl vinyl ether	ND	5.0	2.5	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.50	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.50	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.50	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.50	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.50	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.40	ug/l	
75-71-8	Dichlorodifluoromethane	ND	1.0	0.50	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	1.0	0.50	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.30	ug/l	
541-73-1	m-Dichlorobenzene	ND	1.0	0.50	ug/l	
95-50-1	o-Dichlorobenzene	ND	1.0	0.50	ug/l	
106-46-7	p-Dichlorobenzene	ND	1.0	0.50	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.50	ug/l	
74-83-9	Methyl bromide	ND	1.0	1.0	ug/l	
74-87-3	Methyl chloride	ND	1.0	1.0	ug/l	
75-09-2	Methylene chloride	ND	1.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.50	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.30	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.50	ug/l	
127-18-4	Tetrachloroethylene	ND	1.0	0.50	ug/l	
108-88-3	Toluene	ND	1.0	0.50	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.50	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	PIN20-RW03		
Lab Sample ID:	F23552-5	**Date Sampled:**	04/20/04
Matrix:	AQ - Ground Water	**Date Received:**	04/21/04
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	STAR Center- 4.5 Acre Site, Largo, FL		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-69-4	Trichlorofluoromethane	ND	1.0	0.60	ug/l	
75-01-4	Vinyl chloride	4.9	1.0	0.50	ug/l	
	m,p-Xylene	ND	2.0	0.50	ug/l	
95-47-6	o-Xylene	ND	1.0	0.50	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	100%		86-115%
17060-07-0	1,2-Dichloroethane-D4	97%		73-126%
2037-26-5	Toluene-D8	92%		86-112%
460-00-4	4-Bromofluorobenzene	93%		83-119%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

CHAIN OF CUSTODY

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

ACCUTEST JOB #: F23552
ACCUTEST QUOTE #:

CLIENT INFORMATION

NAME: S.M. Stoller
ADDRESS: 7887 Bryan Dairy Rd, Ste 260
CITY: Largo STATE: FL ZIP: 33777
SEND REPORT TO:
PHONE #: Keith Miller 970-248-6598

FACILITY INFORMATION

PROJECT NAME: STAR Center - 4.5 Acre Start-up
LOCATION: Largo, FL On-site contact - Julian
PROJECT NO.: 110406202 Caballero
FAX #: 727-549-1121

ANALYTICAL INFORMATION

MATRIX CODES

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

ACCUTEST SAMPLE #	FIELD ID / POINT OF COLLECTION	COLLECTION DATE	COLLECTION TIME	SAMPLED BY:	MATRIX	# OF BOTTLES	PRESERVATION HCl	PRESERVATION NaOH	PRESERVATION HNO3	PRESERVATION H2SO4	PRESERVATION NONE	VOCs by 8260	VOCs by 624	SVOCs by 625	As, Fe, hardness	pH, TSS	LAB USE ONLY
1	PIN20-TRTI	4/20/04	1140	JPC	GW	4	3	1					3		1		
2	PIN20-TRTE	4/20/04	1145	JPC	GW	7	3	1		3			3	2	1	1	
3	PIN20-RW01	4/20/04	1101	JPC	GW	3	3					3					
4	PIN20-RW02	4/20/04	1104	JPC	GW	3	3					3					
5	PIN20-RW03	4/20/04	1106	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

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.	4-20-04 1410	1.	2. COC in cooler	4/21/04 0800	2.
RELINQUISHED BY:	DATE TIME:	RECEIVED BY:	RELINQUISHED BY:	DATE TIME:	RECEIVED BY:
3.		3.	4.		4.
RELINQUISHED BY:	DATE TIME:	RECEIVED BY:	SEAL #	PRESERVE WHERE APPLICABLE ☐	ON ICE ☐
5.		5.			TEMPERATURE: 1.6, 1.4, 2.0, 2.2, 2.2 C

4.1 4

F23552: Chain of Custody
Page 1 of 2

ACCUTEST LABORATORIES SOUTHEAST SAMPLE RECEIPT CONFIRMATION

Accutest's Job Number: F23552

Client: S.M Stoller Project: STAR Center - 45 ACRE

Date Received: 4/21/04 Time Received: 08:00

# of Coolers Received: 5 Cooler Temperatures: 1.6 1.4 2.0 2.2 1.2

Delivery Method: FedEx UPS Accutest Courier Greyhound Delivery Other

Air Bill Number:

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

Summary of Comments:

Signature: Carlos R Date: 4/21/04

Review Signature:

ASBD 12/30/03

F23552: Chain of Custody
Page 2 of 2

Southeast ACCUTEST Laboratories

07/19/04

Technical Report for

S M Stoller

STAR Center- 4.5 Acre Site, Largo, FL

110406202

Accutest Job Number: F23553

Sampling Date: 04/20/04

Report to:

S M Stoller

Cathy.Kelleher@gjo.doe.gov

ATTN: Cathy Kelleher

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

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

Sections: 1 2 3 4

Table of Contents

Sample Summary

S M Stoller

Job No: F23553

STAR Center- 4.5 Acre Site, Largo, FL
Project No: 110406202

Sample Number	Collected Date	Time	By	Received	Matrix Code	Matrix Type	Client Sample ID
F23553-1	04/20/04	11:50	JC	04/21/04	AQ	Ground Water	PIN20-TRTE-N002

Accutest Laboratories Southeast, Inc.
Analytical Narrative

Client:	S M Stoller	**Job No:**	F23553
Site:	STAR Center- 4.5 Acre Site, Largo, FL	**Report Date**	4/27/2004

1 Sample was collected on 04/20/2004 and were received at Accutest on 04/21/2004 properly preserved, at 3.8 Deg. C and intact. These Samples received an Accutest job number of F23553.A listing of the Laboratory Sample ID, Client Sample ID and dates of collection are presented in the Results Summary Section of this report.

All method specified holding times, calibrations and quality control performance criteria were met.

Accutest Laboratories Southeast, Inc. certifies that this report meets the project requirements for analytical data produced for the samples as received at the Accutest Laboratories Southeast location as stated in the Analytical Task Order and the COC. In addition, Accutest Laboratories Southeast, Inc. certifies that data as reported meet the Data Quality Objectives for precision, accuracy and completeness as specified in the Accutest Laboratories Southeast, Inc. Quality Manual for other that conditions detailed above. It is recommended by Accutest Laboratories Southeast, Inc. that this report is to be used in its entirety. Accutest Laboratories Southeast, Inc. is not responsible for any assumptions of data quality if partial data packages are used to interpret data. The Accutest Laboratories Southeast, Inc. Laboratory Director as verified by the signature on the front page has authorized release of this report.

Narrative prepared by:

_____ Date: April 27, 2004

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

Report of Analysis

Client Sample ID:	PIN20-TRTE-N002		
Lab Sample ID:	F23553-1	**Date Sampled:**	04/20/04
Matrix:	AQ - Ground Water	**Date Received:**	04/21/04
Method:	EPA 624	**Percent Solids:**	n/a
Project:	STAR Center- 4.5 Acre Site, Largo, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	J007173.D	1	04/22/04	RA	n/a	n/a	VJ313
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics

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

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	103%		86-115%
17060-07-0	1,2-Dichloroethane-D4	111%		73-126%
2037-26-5	Toluene-D8	102%		86-112%
460-00-4	4-Bromofluorobenzene	106%		83-119%

(a) Sample collected on 04/20/04 at 11:50.

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 #: F23553
ACCOUNT QUOTE #:

CLIENT INFORMATION

NAME: S.M. Stoller
ADDRESS: 7887 Bryan Dairy Rd., Suite 260
CITY: Largo STATE: FL ZIP: 33777
SEND REPORT TO: Keith Miller
PHONE #: 970-248-6598

FACILITY INFORMATION

PROJECT NAME: STAR Center - 4.5 Acre startup
LOCATION: Largo, FL
PROJECT NO.: 110406202
Onsite contact: Julian Caballero
FAX #: 727-549-1121

ANALYTICAL INFORMATION

BTEX, Total VOAs (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	PRESERVATION NaOH	PRESERVATION HNO3	PRESERVATION H2SO4	PRESERVATION NONE	BTEX, Total VOAs (624)	LAB USE ONLY
1	PIN20-TRTE-N002	4-20-04	1150	QA	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.	4-20-04 1410	1. C Moreno	2. COC IN COOLER		2. [illegible]
RELINQUISHED BY:	DATE TIME:	RECEIVED BY:	RELINQUISHED BY:	DATE TIME:	RECEIVED BY:
3.		3.	4.		4.
RELINQUISHED BY:	DATE TIME:	RECEIVED BY:	SEAL #	PRESERVE WHERE APPLICABLE ☐	ON ICE ☐	TEMPERATURE _____ C
5.		6.				

F23553: Chain of Custody
Page 1 of 2

ACCUTEST LABORATORIES SOUTHEAST SAMPLE RECEIPT CONFIRMATION

Accutest's Job Number: F23553

Client: S.M Stoller Project: Star Center 4.5 Acre

Date Received: 4/21/04 Time Received: 08:00

# of Coolers Received: 1 Cooler Temperatures: 3.8

Delivery Method: FedEx UPS (Accutest Courier) Greyhound Delivery Other

Air Bill Number:

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

Summary of Comments:

Signature: Carlos B Date: 4/21/04

Review Signature:

ASBD 12/30/03

F23553: Chain of Custody
Page 2 of 2

Southeast ACCUTEST Laboratories

07/19/04

Technical Report for

S M Stoller

STAR Center- 4.5 Acre Site, Largo, FL

110406202

Accutest Job Number: F23692

Sampling Date: 04/26/04

Report to:

S M Stoller

Cathy.Kelleher@gjo.doe.gov

ATTN: Cathy Kelleher

Total number of pages in report: 25

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

Sections: 1 2 3 4

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Sample Summary

S M Stoller

Job No: F23692

STAR Center- 4.5 Acre Site, Largo, FL
Project No: 110406202

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
F23692-1	04/26/04	11:45	JC	04/27/04	AQ	Ground Water	PIN20-TRTI-N001
F23692-2	04/26/04	11:48	JC	04/27/04	AQ	Ground Water	PIN20-TRTE-N001
F23692-3	04/26/04	11:37	JC	04/27/04	AQ	Ground Water	PIN20-RW01-N001
F23692-4	04/26/04	11:40	JC	04/27/04	AQ	Ground Water	PIN20-RW02-N001
F23692-5	04/26/04	11:43	JC	04/27/04	AQ	Ground Water	PIN20-RW03-N001

Accutest Laboratories Southeast, Inc.
Analytical Narrative

Client:	S M Stoller	**Job No:**	F23692
Site:	STAR Center- 4.5 Acre Site, Largo, FL	**Report Date**	5/11/2004

5 Samples were collected on 04/26/2004 and were received at Accutest on 04/27/2004 properly preserved, at 4.2 Deg. C and intact. These Samples received an Accutest job number of F23692.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 holding times, calibrations and quality control performance criteria were met.

Volatiles by GCMS By Method EPA 624

Matrix: AQ **Batch ID:** VC986

All samples were run within holding times.

All method blanks for this batch passed with no positive results

Samples F23554-2MS, F23554-2MSD were used as the QC samples indicated.

Recoveries for 1,1,2,2-Tetrachloroethane, 1,1,2-Trichloroethane, 1,2-Dichloroethane, 1,2-Dichloropropane, 2-Chloroethyl vinyl ether, Bromodichloromethane, Bromoform, Chloroform, cis-1,2-Dichloroethylene, cis-1,3-Dichloropropene, Dibromochloromethane, m,p-Xylene, Methyl Tert Butyl Ether, Methylene chloride, o-Dichlorobenzene, trans-1,3-Dichloropropene, Carbon tetrachloride, Chloroethane, Ethylbenzene, Tetrachloroethylene, Toluene, Trichlorofluoromethane, Vinyl chloride are outside control limits. The Blank Spike was within limits. Data not adversely affected.

Volatiles by GCMS By Method SW846 8260B

Matrix: AQ **Batch ID:** VJ319

All samples were run within holding times.

Samples F23693-1MS, F23693-1MSD were used as the QC samples indicated.

All method blanks for this batch passed with no positive results

Recoveries for 2-Chloroethyl vinyl ether are outside control limits in the MS/MSD. The Blank Spike was within limits. Data not adversely affected.

Extractables by GCMS By Method EPA 625

Matrix: AQ **Batch ID:** OP10289

All samples were extracted within holding time for method

All samples were run within holding times.

All method blanks for this batch passed with no positive results

Sample(s) F23692-2MS, F23692-2MSD were used as the QC samples indicated.

Metals By Method SW846 6010B

Matrix: AQ **Batch ID:** MP6619

All samples were run within holding times.

All method blanks for this batch passed with no positive results

Samples F23639-1DUP, F23639-1MS, F23639-1MSD, F23639-1SDL were used as the QC samples for metals.
RPD for Serial Dilution for Iron is outside control limits. The Blank Spike was within limits. Data not adversely affected.

Accutest Laboratories Southeast, Inc. certifies that this report meets the project requirements for analytical data produced for the samples as received at the Accutest Laboratories Southeast location as stated in the Analytical Task Order and the COC. In addition, Accutest Laboratories Southeast, Inc. certifies that data as reported meet the Data Quality Objectives for precision, accuracy and completeness as specified in the Accutest Laboratories Southeast, Inc. Quality Manual for other that conditions detailed above. It is recommended by Accutest Laboratories Southeast, Inc. that this report is to be used in its entirety. Accutest Laboratories Southeast, Inc. is not responsible for any assumptions of data quality if partial data packages are used to interpret data. The Accutest Laboratories Southeast, Inc. Laboratory Director as verified by the signature on the front page has authorized release of this report.

Narrative prepared by:

_____ Date: May 12, 2004

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

Report of Analysis

Client Sample ID:	PIN20-TRTI-N001		
Lab Sample ID:	F23692-1	**Date Sampled:**	04/26/04
Matrix:	AQ - Ground Water	**Date Received:**	04/27/04
Method:	EPA 624	**Percent Solids:**	n/a
Project:	STAR Center- 4.5 Acre Site, Largo, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	C0022875.D	1	04/29/04	KW	n/a	n/a	VC986
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	1.0	1.0	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
110-75-8	2-Chloroethyl vinyl ether	ND	5.0	2.5	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.50	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.50	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.50	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.50	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.50	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.40	ug/l	
75-71-8	Dichlorodifluoromethane	ND	1.0	0.50	ug/l	
156-59-2	cis-1,2-Dichloroethylene	0.55	1.0	0.50	ug/l	J
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.30	ug/l	
541-73-1	m-Dichlorobenzene	ND	1.0	0.50	ug/l	
95-50-1	o-Dichlorobenzene	ND	1.0	0.50	ug/l	
106-46-7	p-Dichlorobenzene	ND	1.0	0.50	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.50	ug/l	
74-83-9	Methyl bromide	ND	1.0	1.0	ug/l	
74-87-3	Methyl chloride	ND	1.0	1.0	ug/l	
75-09-2	Methylene chloride	ND	1.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.50	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.30	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.50	ug/l	
127-18-4	Tetrachloroethylene	ND	1.0	0.50	ug/l	
108-88-3	Toluene	ND	1.0	0.50	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.50	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	PIN20-TRTI-N001		
Lab Sample ID:	F23692-1	**Date Sampled:**	04/26/04
Matrix:	AQ - Ground Water	**Date Received:**	04/27/04
Method:	EPA 624	**Percent Solids:**	n/a
Project:	STAR Center- 4.5 Acre Site, Largo, FL		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-69-4	Trichlorofluoromethane	ND	1.0	0.60	ug/l	
75-01-4	Vinyl chloride	1.8	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	104%		73-126%
2037-26-5	Toluene-D8	104%		86-112%
460-00-4	4-Bromofluorobenzene	104%		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:	PIN20-TRTI-N001		
Lab Sample ID:	F23692-1	**Date Sampled:**	04/26/04
Matrix:	AQ - Ground Water	**Date Received:**	04/27/04
		Percent Solids:	n/a
Project:	STAR Center- 4.5 Acre Site, Largo, FL		

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Iron	1690	300	48	ug/l	1	04/27/04	04/28/04	DM	SW846 6010B [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA3782
(2) Prep QC Batch: MP6619

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:	PIN20-TRTI-N001		
Lab Sample ID:	F23692-1	**Date Sampled:**	04/26/04
Matrix:	AQ - Ground Water	**Date Received:**	04/27/04
		Percent Solids:	n/a
Project:	STAR Center- 4.5 Acre Site, Largo, FL		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Hardness, Total as CaCO3	839	4.0	mg/l	1	04/29/04	DM	SW846 6010B/SM 2340B

RL = Reporting Limit

Report of Analysis

Client Sample ID:	PIN20-TRTE-N001		
Lab Sample ID:	F23692-2	**Date Sampled:**	04/26/04
Matrix:	AQ - Ground Water	**Date Received:**	04/27/04
Method:	EPA 624	**Percent Solids:**	n/a
Project:	STAR Center- 4.5 Acre Site, Largo, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	C0022876.D	1	04/29/04	KW	n/a	n/a	VC986
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	1.0	1.0	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
110-75-8	2-Chloroethyl vinyl ether	ND	5.0	2.5	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.50	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.50	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.50	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.50	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.50	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.40	ug/l	
75-71-8	Dichlorodifluoromethane	ND	1.0	0.50	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	1.0	0.50	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.30	ug/l	
541-73-1	m-Dichlorobenzene	ND	1.0	0.50	ug/l	
95-50-1	o-Dichlorobenzene	ND	1.0	0.50	ug/l	
106-46-7	p-Dichlorobenzene	ND	1.0	0.50	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.50	ug/l	
74-83-9	Methyl bromide	ND	1.0	1.0	ug/l	
74-87-3	Methyl chloride	ND	1.0	1.0	ug/l	
75-09-2	Methylene chloride	ND	1.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.50	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.30	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.50	ug/l	
127-18-4	Tetrachloroethylene	ND	1.0	0.50	ug/l	
108-88-3	Toluene	ND	1.0	0.50	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.50	ug/l	

ND = Not detected MDL - Method Detection Limit
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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:	PIN20-TRTE-N001		
Lab Sample ID:	F23692-2	**Date Sampled:**	04/26/04
Matrix:	AQ - Ground Water	**Date Received:**	04/27/04
Method:	EPA 624	**Percent Solids:**	n/a
Project:	STAR Center- 4.5 Acre Site, Largo, FL		

VOA Special List

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

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	104%		86-115%
17060-07-0	1,2-Dichloroethane-D4	103%		73-126%
2037-26-5	Toluene-D8	104%		86-112%
460-00-4	4-Bromofluorobenzene	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:	PIN20-TRTE-N001		
Lab Sample ID:	F23692-2	**Date Sampled:**	04/26/04
Matrix:	AQ - Ground Water	**Date Received:**	04/27/04
Method:	EPA 625 EPA 625	**Percent Solids:**	n/a
Project:	STAR Center- 4.5 Acre Site, Largo, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L021316.D	1	04/27/04	ME	04/27/04	OP10289	SL1147
Run #2							

	Initial Volume	Final Volume
Run #1	840 ml	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic Acid	ND	30	18	ug/l	
95-57-8	2-Chlorophenol	ND	6.0	2.4	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	6.0	2.4	ug/l	
120-83-2	2,4-Dichlorophenol	ND	6.0	2.4	ug/l	
105-67-9	2,4-Dimethylphenol	ND	6.0	2.4	ug/l	
51-28-5	2,4-Dinitrophenol	ND	30	12	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	12	6.0	ug/l	
95-48-7	2-Methylphenol	ND	6.0	2.4	ug/l	
	3&4-Methylphenol	ND	6.0	2.4	ug/l	
88-75-5	2-Nitrophenol	ND	6.0	2.4	ug/l	
100-02-7	4-Nitrophenol	ND	30	12	ug/l	
87-86-5	Pentachlorophenol	ND	30	12	ug/l	
108-95-2	Phenol	ND	6.0	2.4	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	6.0	2.4	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	6.0	2.4	ug/l	
83-32-9	Acenaphthene	ND	6.0	1.2	ug/l	
208-96-8	Acenaphthylene	ND	6.0	1.2	ug/l	
120-12-7	Anthracene	ND	6.0	1.2	ug/l	
56-55-3	Benzo(a)anthracene	ND	6.0	1.2	ug/l	
50-32-8	Benzo(a)pyrene	ND	6.0	1.2	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	6.0	1.2	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	6.0	2.4	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	6.0	1.2	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	6.0	1.2	ug/l	
85-68-7	Butyl benzyl phthalate	ND	6.0	2.4	ug/l	
100-51-6	Benzyl Alcohol	ND	6.0	1.2	ug/l	
91-58-7	2-Chloronaphthalene	ND	6.0	1.2	ug/l	
106-47-8	4-Chloroaniline	ND	12	3.6	ug/l	
86-74-8	Carbazole	ND	6.0	1.2	ug/l	
218-01-9	Chrysene	ND	6.0	1.2	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	6.0	1.2	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	6.0	2.4	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:	PIN20-TRTE-N001		
Lab Sample ID:	F23692-2	**Date Sampled:**	04/26/04
Matrix:	AQ - Ground Water	**Date Received:**	04/27/04
Method:	EPA 625 EPA 625	**Percent Solids:**	n/a
Project:	STAR Center- 4.5 Acre Site, Largo, FL		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
108-60-1	bis(2-Chloroisopropyl)ether	ND	6.0	1.2	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	6.0	1.2	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	6.0	1.2	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	6.0	1.2	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	6.0	1.2	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	6.0	2.4	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	6.0	2.4	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	12	6.0	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	6.0	2.4	ug/l	
132-64-9	Dibenzofuran	ND	6.0	1.2	ug/l	
84-74-2	Di-n-butyl phthalate	ND	6.0	2.4	ug/l	
117-84-0	Di-n-octyl phthalate	ND	6.0	3.0	ug/l	
84-66-2	Diethyl phthalate	ND	6.0	2.4	ug/l	
131-11-3	Dimethyl phthalate	ND	6.0	2.4	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	6.0	3.0	ug/l	
206-44-0	Fluoranthene	ND	6.0	1.2	ug/l	
86-73-7	Fluorene	ND	6.0	1.2	ug/l	
118-74-1	Hexachlorobenzene	ND	6.0	1.2	ug/l	
87-68-3	Hexachlorobutadiene	ND	6.0	2.4	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	6.0	2.4	ug/l	
67-72-1	Hexachloroethane	ND	6.0	2.4	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	6.0	2.4	ug/l	
78-59-1	Isophorone	ND	6.0	1.2	ug/l	
91-57-6	2-Methylnaphthalene	ND	6.0	1.2	ug/l	
88-74-4	2-Nitroaniline	ND	6.0	2.4	ug/l	
99-09-2	3-Nitroaniline	ND	6.0	2.4	ug/l	
100-01-6	4-Nitroaniline	ND	6.0	2.4	ug/l	
91-20-3	Naphthalene	ND	6.0	1.2	ug/l	
98-95-3	Nitrobenzene	ND	6.0	1.2	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	6.0	2.4	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	6.0	2.4	ug/l	
85-01-8	Phenanthrene	ND	6.0	1.2	ug/l	
129-00-0	Pyrene	ND	6.0	1.2	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	6.0	1.2	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	43%		19-90%
4165-62-2	Phenol-d5	29%		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:	PIN20-TRTE-N001		
Lab Sample ID:	F23692-2	**Date Sampled:**	04/26/04
Matrix:	AQ - Ground Water	**Date Received:**	04/27/04
Method:	EPA 625 EPA 625	**Percent Solids:**	n/a
Project:	STAR Center- 4.5 Acre Site, Largo, FL		

ABN TCL List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	65%		49-119%
321-60-8	2-Fluorobiphenyl	67%		45-118%
1718-51-0	Terphenyl-d14	79%		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:	PIN20-TRTE-N001		
Lab Sample ID:	F23692-2	**Date Sampled:**	04/26/04
Matrix:	AQ - Ground Water	**Date Received:**	04/27/04
		Percent Solids:	n/a
Project:	STAR Center- 4.5 Acre Site, Largo, FL		

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Iron	1780	300	48	ug/l	1	04/27/04	04/28/04	DM	SW846 6010B [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA3782
(2) Prep QC Batch: MP6619

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:	PIN20-TRTE-N001		
Lab Sample ID:	F23692-2	**Date Sampled:**	04/26/04
Matrix:	AQ - Ground Water	**Date Received:**	04/27/04
		Percent Solids:	n/a
Project:	STAR Center- 4.5 Acre Site, Largo, FL		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Hardness, Total as CaCO3	844	4.0	mg/l	1	04/29/04	DM	SW846 6010B/SM 2340B

RL = Reporting Limit

Report of Analysis

Client Sample ID:	PIN20-RW01-N001		
Lab Sample ID:	F23692-3	**Date Sampled:**	04/26/04
Matrix:	AQ - Ground Water	**Date Received:**	04/27/04
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	STAR Center- 4.5 Acre Site, Largo, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	J007302.D	1	04/28/04	RA	n/a	n/a	VJ319
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	1.0	1.0	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
110-75-8	2-Chloroethyl vinyl ether	ND	5.0	2.5	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.50	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.50	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.50	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.50	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.50	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.40	ug/l	
75-71-8	Dichlorodifluoromethane	ND	1.0	0.50	ug/l	
156-59-2	cis-1,2-Dichloroethylene	1.2	1.0	0.50	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.30	ug/l	
541-73-1	m-Dichlorobenzene	ND	1.0	0.50	ug/l	
95-50-1	o-Dichlorobenzene	ND	1.0	0.50	ug/l	
106-46-7	p-Dichlorobenzene	ND	1.0	0.50	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.50	ug/l	
74-83-9	Methyl bromide	ND	1.0	1.0	ug/l	
74-87-3	Methyl chloride	ND	1.0	1.0	ug/l	
75-09-2	Methylene chloride	ND	1.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.50	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.30	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.50	ug/l	
127-18-4	Tetrachloroethylene	ND	1.0	0.50	ug/l	
108-88-3	Toluene	ND	1.0	0.50	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.50	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	PIN20-RW01-N001		
Lab Sample ID:	F23692-3	**Date Sampled:**	04/26/04
Matrix:	AQ - Ground Water	**Date Received:**	04/27/04
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	STAR Center- 4.5 Acre Site, Largo, FL		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-69-4	Trichlorofluoromethane	ND	1.0	0.60	ug/l	
75-01-4	Vinyl chloride	7.8	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	99%		86-115%
17060-07-0	1,2-Dichloroethane-D4	96%		73-126%
2037-26-5	Toluene-D8	94%		86-112%
460-00-4	4-Bromofluorobenzene	94%		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:	PIN20-RW02-N001		
Lab Sample ID:	F23692-4	**Date Sampled:**	04/26/04
Matrix:	AQ - Ground Water	**Date Received:**	04/27/04
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	STAR Center- 4.5 Acre Site, Largo, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	J007303.D	1	04/28/04	RA	n/a	n/a	VJ319
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	1.0	1.0	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
110-75-8	2-Chloroethyl vinyl ether	ND	5.0	2.5	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.50	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.50	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.50	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.50	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.50	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.40	ug/l	
75-71-8	Dichlorodifluoromethane	ND	1.0	0.50	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	1.0	0.50	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.30	ug/l	
541-73-1	m-Dichlorobenzene	ND	1.0	0.50	ug/l	
95-50-1	o-Dichlorobenzene	ND	1.0	0.50	ug/l	
106-46-7	p-Dichlorobenzene	ND	1.0	0.50	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.50	ug/l	
74-83-9	Methyl bromide	ND	1.0	1.0	ug/l	
74-87-3	Methyl chloride	ND	1.0	1.0	ug/l	
75-09-2	Methylene chloride	ND	1.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.50	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.30	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.50	ug/l	
127-18-4	Tetrachloroethylene	ND	1.0	0.50	ug/l	
108-88-3	Toluene	ND	1.0	0.50	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.50	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	PIN20-RW02-N001		
Lab Sample ID:	F23692-4	**Date Sampled:**	04/26/04
Matrix:	AQ - Ground Water	**Date Received:**	04/27/04
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	STAR Center- 4.5 Acre Site, Largo, FL		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-69-4	Trichlorofluoromethane	ND	1.0	0.60	ug/l	
75-01-4	Vinyl chloride	0.90	1.0	0.50	ug/l	J
	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	98%		86-115%
17060-07-0	1,2-Dichloroethane-D4	98%		73-126%
2037-26-5	Toluene-D8	94%		86-112%
460-00-4	4-Bromofluorobenzene	95%		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:	PIN20-RW03-N001		
Lab Sample ID:	F23692-5	**Date Sampled:**	04/26/04
Matrix:	AQ - Ground Water	**Date Received:**	04/27/04
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	STAR Center- 4.5 Acre Site, Largo, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	J007304.D	1	04/28/04	RA	n/a	n/a	VJ319
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	1.0	1.0	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
110-75-8	2-Chloroethyl vinyl ether	ND	5.0	2.5	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.50	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.50	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.50	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.50	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.50	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.40	ug/l	
75-71-8	Dichlorodifluoromethane	ND	1.0	0.50	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	1.0	0.50	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.30	ug/l	
541-73-1	m-Dichlorobenzene	ND	1.0	0.50	ug/l	
95-50-1	o-Dichlorobenzene	ND	1.0	0.50	ug/l	
106-46-7	p-Dichlorobenzene	ND	1.0	0.50	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.50	ug/l	
74-83-9	Methyl bromide	ND	1.0	1.0	ug/l	
74-87-3	Methyl chloride	ND	1.0	1.0	ug/l	
75-09-2	Methylene chloride	ND	1.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.50	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.30	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.50	ug/l	
127-18-4	Tetrachloroethylene	ND	1.0	0.50	ug/l	
108-88-3	Toluene	ND	1.0	0.50	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.50	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	PIN20-RW03-N001		
Lab Sample ID:	F23692-5	**Date Sampled:**	04/26/04
Matrix:	AQ - Ground Water	**Date Received:**	04/27/04
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	STAR Center- 4.5 Acre Site, Largo, FL		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-69-4	Trichlorofluoromethane	ND	1.0	0.60	ug/l	
75-01-4	Vinyl chloride	5.9	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	98%		86-115%
17060-07-0	1,2-Dichloroethane-D4	99%		73-126%
2037-26-5	Toluene-D8	95%		86-112%
460-00-4	4-Bromofluorobenzene	94%		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

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 #: F23692
ACCUTEST QUOTE #:

CLIENT INFORMATION

NAME: S.M. Stoller
ADDRESS: 7887 Bryan Dairy Rd., Suite 260
CITY: Largo STATE: FL ZIP: 33777
SEND REPORT TO: Keith Miller
PHONE #: 970-248-6598

FACILITY INFORMATION

PROJECT NAME: STAR Center - 4.5 Acre startup
LOCATION: Largo, FL
PROJECT NO.: 110406202
Onsite contact: Julian Caballero
FAX #: 727-549-1121

MATRIX CODES

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

ACCUTEST SAMPLE #	FIELD ID / POINT OF COLLECTION	COLLECTION DATE	COLLECTION TIME	SAMPLED BY:	MATRIX	# OF BOTTLES	PRESERVATION HCl	PRESERVATION MeOH	PRESERVATION HNO3	PRESERVATION H2SO4	PRESERVATION NONE	VOCs - 8260	VOCs - 624	SVOCs - 625	Fe + Hardness	LAB USE ONLY
1	PIN20-TRTI-N001	4-26-04	1145	qf	GW	4	3		1				3		1	
2	PIN20-TRTE-N001		1148	qf		6	3		1		2		3	2	1	
3	PIN20-RW01-N001		1137	qf		3	3					3				
4	PIN20-RW02-N001		1140	qf		3	3					3				
5	PIN20-RW03-N001	↓	1143	qf	↓	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

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.	4-26-04	1.	2.	18:45	2. 4/27/04 0800
RELINQUISHED BY:	DATE TIME:	RECEIVED BY:	RELINQUISHED BY:	DATE TIME:	RECEIVED BY:
3.		3.	4.		4.
RELINQUISHED BY:	DATE TIME:	RECEIVED BY:	SEAL #	PRESERVE WHERE APPLICABLE ☐	ON ICE ☐	TEMPERATURE _____ C
5.		5.				

F23692: Chain of Custody
Page 1 of 2

ACCUTEST LABORATORIES SOUTHEAST SAMPLE RECEIPT CONFIRMATION

Accutest's Job Number: F23692

Client: S.M STOLLER Project: STATE Center 4.5 ACRES

Date Received: 4/27/04 Time Received: 08:00

# of Coolers Received: 1 Cooler Temperatures: 4.2

Delivery Method: FedEx UPS (Accutest Courier) Greyhound Delivery Other

Air Bill Number: _____

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

Summary of Comments: _____

Signature: Carlos Date: 4/27/04

Review Signature: _____

ASBD 12/30/03

F23692: Chain of Custody
Page 2 of 2

Southeast ACCUTEST Laboratories

07/19/04

Technical Report for

S M Stoller

STAR Center- 4.5 Acre Site, Largo, FL

110406202

Accutest Job Number: F23716

Sampling Date: 04/27/04

Report to:

S M Stoller

Cathy.Kelleher@gjo.doe.gov

ATTN: Cathy Kelleher

Total number of pages in report: **24**

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

Sections: 1 2 3 4

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Sample Summary

S M Stoller

Job No: F23716

STAR Center- 4.5 Acre Site, Largo, FL
Project No: 110406202

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
F23716-1	04/27/04	10:40	JC	04/28/04	AQ	Ground Water	PIN20-TRTI-N001
F23716-2	04/27/04	10:43	JC	04/28/04	AQ	Ground Water	PIN20-TRTE-N001
F23716-3	04/27/04	10:30	JC	04/28/04	AQ	Ground Water	PIN20-RW01-N001
F23716-4	04/27/04	10:34	JC	04/28/04	AQ	Ground Water	PIN20-RW02-N001
F23716-5	04/27/04	10:37	JC	04/28/04	AQ	Ground Water	PIN20-RW03-N001

Accutest Laboratories Southeast, Inc.
Analytical Narrative

Client:	S M Stoller	**Job No:**	F23716
Site:	STAR Center- 4.5 Acre Site, Largo, FL	**Report Date**	5/5/2004

5 Samples were collected on 04/27/2004 and were received at Accutest on 04/28/2004 properly preserved, at 4.6 Deg. C and intact. These Samples received an Accutest job number of F23716.A listing of the Laboratory Sample ID, Client Sample ID and dates of collection are presented in the Results Summary Section of this report.
All samples except for F23716-2 (PIN20-TRTE-N001) were treated with an anti-foaming agent and are footnoted accordingly.

Except as noted below, all method specified holding times, calibrations and quality control performance criteria were met.

Volatiles by GCMS By Method EPA 624

Matrix: AQ **Batch ID:** VG1035

All samples were run within holding times.

All method blanks for this batch passed with no positive results

Samples F23511-4MS were used as the QC samples indicated.

Recoveries for 2-Chloroethyl vinyl ether are outside control limits in the MS/MSD. The Blank Spike was within limits. Data not adversely affected.

Volatiles by GCMS By Method SW846 8260B

Matrix: AQ **Batch ID:** VG1036

All samples were run within holding times.

All method blanks for this batch passed with no positive results

Samples F23542-4MS, F23542-4MSD were used as the QC samples indicated.

Recoveries for 2-Chloroethyl vinyl ether are outside control limits in the MS/MSD. The Blank Spike was within limits. Data not adversely affected.

Extractables by GCMS By Method EPA 625

Matrix: AQ **Batch ID:** OP10306

All samples were run within holding times.

All samples were extracted within holding time for method

Samples F23741-2MS, F23741-2MSD were used as the QC samples indicated.

All method blanks for this batch passed with no positive results

Metals By Method SW846 6010B

Matrix: AQ **Batch ID:** MP6630

All samples were run within holding times.

All method blanks for this batch passed with no positive results

Samples F23580-2MS, F23580-2MSD, F23580-2SDL, F23580-2DUP were used as the QC samples for metals.
RPD for Serial Dilution for Iron is outside control limits. The Blank Spike was within limits. Data not adversely affected.

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

Accutest Laboratories Southeast, Inc. certifies that this report meets the project requirements for analytical data produced for the samples as received at the Accutest Laboratories Southeast location as stated in the Analytical Task Order and the COC. In addition, Accutest Laboratories Southeast, Inc. certifies that data as reported meet the Data Quality Objectives for precision, accuracy and completeness as specified in the Accutest Laboratories Southeast, Inc. Quality Manual for other that conditions detailed above. It is recommended by Accutest Laboratories Southeast, Inc. that this report is to be used in its entirety. Accutest Laboratories Southeast, Inc. is not responsible for any assumptions of data quality if partial data packages are used to interpret data. The Accutest Laboratories Southeast, Inc. Laboratory Director as verified by the signature on the front page has authorized release of this report.

Narrative prepared by:

_____ Date: May 13, 2004

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

Report of Analysis

Client Sample ID:	PIN20-TRTI-N001		
Lab Sample ID:	F23716-1	**Date Sampled:**	04/27/04
Matrix:	AQ - Ground Water	**Date Received:**	04/28/04
Method:	EPA 624	**Percent Solids:**	n/a
Project:	STAR Center- 4.5 Acre Site, Largo, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	G0027976.D	1	04/30/04	JG	n/a	n/a	VG1035
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	1.0	1.0	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
110-75-8	2-Chloroethyl vinyl ether	ND	5.0	2.5	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.50	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.50	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.50	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.50	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.50	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.40	ug/l	
75-71-8	Dichlorodifluoromethane	ND	1.0	0.50	ug/l	
156-59-2	cis-1,2-Dichloroethylene	1.2	1.0	0.50	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.30	ug/l	
541-73-1	m-Dichlorobenzene	ND	1.0	0.50	ug/l	
95-50-1	o-Dichlorobenzene	ND	1.0	0.50	ug/l	
106-46-7	p-Dichlorobenzene	ND	1.0	0.50	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.50	ug/l	
74-83-9	Methyl bromide	ND	1.0	1.0	ug/l	
74-87-3	Methyl chloride	ND	1.0	1.0	ug/l	
75-09-2	Methylene chloride	ND	1.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.50	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.30	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.50	ug/l	
127-18-4	Tetrachloroethylene	ND	1.0	0.50	ug/l	
108-88-3	Toluene	ND	1.0	0.50	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.50	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	PIN20-TRTI-N001		
Lab Sample ID:	F23716-1	**Date Sampled:**	04/27/04
Matrix:	AQ - Ground Water	**Date Received:**	04/28/04
Method:	EPA 624	**Percent Solids:**	n/a
Project:	STAR Center- 4.5 Acre Site, Largo, FL		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-69-4	Trichlorofluoromethane	ND	1.0	0.60	ug/l	
75-01-4	Vinyl chloride	5.3	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	95%		73-126%
2037-26-5	Toluene-D8	93%		86-112%
460-00-4	4-Bromofluorobenzene	94%		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:	PIN20-TRTI-N001		
Lab Sample ID:	F23716-1	**Date Sampled:**	04/27/04
Matrix:	AQ - Ground Water	**Date Received:**	04/28/04
		Percent Solids:	n/a
Project:	STAR Center- 4.5 Acre Site, Largo, FL		

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Iron	3920	300	48	ug/l	1	04/29/04	04/29/04	DM	SW846 6010B [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA3784
(2) Prep QC Batch: MP6630

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:	PIN20-TRTI-N001		
Lab Sample ID:	F23716-1	**Date Sampled:**	04/27/04
Matrix:	AQ - Ground Water	**Date Received:**	04/28/04
		Percent Solids:	n/a
Project:	STAR Center- 4.5 Acre Site, Largo, FL		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Hardness, Total as CaCO3	824	4.0	mg/l	1	05/04/04	DM	SW846 6010B/SM 2340B

RL = Reporting Limit

Report of Analysis

Client Sample ID:	PIN20-TRTE-N001		
Lab Sample ID:	F23716-2	**Date Sampled:**	04/27/04
Matrix:	AQ - Ground Water	**Date Received:**	04/28/04
Method:	EPA 624	**Percent Solids:**	n/a
Project:	STAR Center- 4.5 Acre Site, Largo, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	G0027977.D	1	04/30/04	JG	n/a	n/a	VG1035
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	1.0	1.0	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
110-75-8	2-Chloroethyl vinyl ether	ND	5.0	2.5	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.50	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.50	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.50	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.50	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.50	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.40	ug/l	
75-71-8	Dichlorodifluoromethane	ND	1.0	0.50	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	1.0	0.50	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.30	ug/l	
541-73-1	m-Dichlorobenzene	ND	1.0	0.50	ug/l	
95-50-1	o-Dichlorobenzene	ND	1.0	0.50	ug/l	
106-46-7	p-Dichlorobenzene	ND	1.0	0.50	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.50	ug/l	
74-83-9	Methyl bromide	ND	1.0	1.0	ug/l	
74-87-3	Methyl chloride	ND	1.0	1.0	ug/l	
75-09-2	Methylene chloride	ND	1.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.50	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.30	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.50	ug/l	
127-18-4	Tetrachloroethylene	ND	1.0	0.50	ug/l	
108-88-3	Toluene	ND	1.0	0.50	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.50	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	PIN20-TRTE-N001		
Lab Sample ID:	F23716-2	**Date Sampled:**	04/27/04
Matrix:	AQ - Ground Water	**Date Received:**	04/28/04
Method:	EPA 624	**Percent Solids:**	n/a
Project:	STAR Center- 4.5 Acre Site, Largo, FL		

VOA Special List

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

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	104%		86-115%
17060-07-0	1,2-Dichloroethane-D4	99%		73-126%
2037-26-5	Toluene-D8	94%		86-112%
460-00-4	4-Bromofluorobenzene	95%		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:	PIN20-TRTE-N001		
Lab Sample ID:	F23716-2	**Date Sampled:**	04/27/04
Matrix:	AQ - Ground Water	**Date Received:**	04/28/04
Method:	EPA 625 EPA 625	**Percent Solids:**	n/a
Project:	STAR Center- 4.5 Acre Site, Largo, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L021346.D	1	04/29/04	ME	04/29/04	OP10306	SL1148
Run #2							

	Initial Volume	Final Volume
Run #1	960 ml	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic Acid	ND	26	16	ug/l	
95-57-8	2-Chlorophenol	ND	5.2	2.1	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	5.2	2.1	ug/l	
120-83-2	2,4-Dichlorophenol	ND	5.2	2.1	ug/l	
105-67-9	2,4-Dimethylphenol	ND	5.2	2.1	ug/l	
51-28-5	2,4-Dinitrophenol	ND	26	10	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	10	5.2	ug/l	
95-48-7	2-Methylphenol	ND	5.2	2.1	ug/l	
	3&4-Methylphenol	ND	5.2	2.1	ug/l	
88-75-5	2-Nitrophenol	ND	5.2	2.1	ug/l	
100-02-7	4-Nitrophenol	ND	26	10	ug/l	
87-86-5	Pentachlorophenol	ND	26	10	ug/l	
108-95-2	Phenol	ND	5.2	2.1	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	5.2	2.1	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	5.2	2.1	ug/l	
83-32-9	Acenaphthene	ND	5.2	1.0	ug/l	
208-96-8	Acenaphthylene	ND	5.2	1.0	ug/l	
120-12-7	Anthracene	ND	5.2	1.0	ug/l	
56-55-3	Benzo(a)anthracene	ND	5.2	1.0	ug/l	
50-32-8	Benzo(a)pyrene	ND	5.2	1.0	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	5.2	1.0	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	5.2	2.1	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	5.2	1.0	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	5.2	1.0	ug/l	
85-68-7	Butyl benzyl phthalate	ND	5.2	2.1	ug/l	
100-51-6	Benzyl Alcohol	ND	5.2	1.0	ug/l	
91-58-7	2-Chloronaphthalene	ND	5.2	1.0	ug/l	
106-47-8	4-Chloroaniline	ND	10	3.1	ug/l	
86-74-8	Carbazole	ND	5.2	1.0	ug/l	
218-01-9	Chrysene	ND	5.2	1.0	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	5.2	1.0	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	5.2	2.1	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	PIN20-TRTE-N001		
Lab Sample ID:	F23716-2	**Date Sampled:**	04/27/04
Matrix:	AQ - Ground Water	**Date Received:**	04/28/04
Method:	EPA 625 EPA 625	**Percent Solids:**	n/a
Project:	STAR Center- 4.5 Acre Site, Largo, FL		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
108-60-1	bis(2-Chloroisopropyl)ether	ND	5.2	1.0	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	5.2	1.0	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	5.2	1.0	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	5.2	1.0	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	5.2	1.0	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	5.2	2.1	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	5.2	2.1	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	10	5.2	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	5.2	2.1	ug/l	
132-64-9	Dibenzofuran	ND	5.2	1.0	ug/l	
84-74-2	Di-n-butyl phthalate	ND	5.2	2.1	ug/l	
117-84-0	Di-n-octyl phthalate	ND	5.2	2.6	ug/l	
84-66-2	Diethyl phthalate	ND	5.2	2.1	ug/l	
131-11-3	Dimethyl phthalate	ND	5.2	2.1	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	5.2	2.6	ug/l	
206-44-0	Fluoranthene	ND	5.2	1.0	ug/l	
86-73-7	Fluorene	ND	5.2	1.0	ug/l	
118-74-1	Hexachlorobenzene	ND	5.2	1.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.2	2.1	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	5.2	2.1	ug/l	
67-72-1	Hexachloroethane	ND	5.2	2.1	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	5.2	2.1	ug/l	
78-59-1	Isophorone	ND	5.2	1.0	ug/l	
91-57-6	2-Methylnaphthalene	ND	5.2	1.0	ug/l	
88-74-4	2-Nitroaniline	ND	5.2	2.1	ug/l	
99-09-2	3-Nitroaniline	ND	5.2	2.1	ug/l	
100-01-6	4-Nitroaniline	ND	5.2	2.1	ug/l	
91-20-3	Naphthalene	ND	5.2	1.0	ug/l	
98-95-3	Nitrobenzene	ND	5.2	1.0	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	5.2	2.1	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	5.2	2.1	ug/l	
85-01-8	Phenanthrene	ND	5.2	1.0	ug/l	
129-00-0	Pyrene	ND	5.2	1.0	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.2	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	37%		19-90%
4165-62-2	Phenol-d5	23%		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:	PIN20-TRTE-N001		
Lab Sample ID:	F23716-2	**Date Sampled:**	04/27/04
Matrix:	AQ - Ground Water	**Date Received:**	04/28/04
Method:	EPA 625 EPA 625	**Percent Solids:**	n/a
Project:	STAR Center- 4.5 Acre Site, Largo, FL		

ABN TCL List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	69%		49-119%
321-60-8	2-Fluorobiphenyl	72%		45-118%
1718-51-0	Terphenyl-d14	78%		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:	PIN20-TRTE-N001		
Lab Sample ID:	F23716-2	**Date Sampled:**	04/27/04
Matrix:	AQ - Ground Water	**Date Received:**	04/28/04
		Percent Solids:	n/a
Project:	STAR Center- 4.5 Acre Site, Largo, FL		

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Iron	3810	300	48	ug/l	1	04/29/04	04/29/04	DM	SW846 6010B [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA3784
(2) Prep QC Batch: MP6630

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:	PIN20-TRTE-N001		
Lab Sample ID:	F23716-2	**Date Sampled:**	04/27/04
Matrix:	AQ - Ground Water	**Date Received:**	04/28/04
		Percent Solids:	n/a
Project:	STAR Center- 4.5 Acre Site, Largo, FL		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Hardness, Total as CaCO3	836	4.0	mg/l	1	05/04/04	DM	SW846 6010B/SM 2340B

RL = Reporting Limit

Report of Analysis

Client Sample ID:	PIN20-RW01-N001		
Lab Sample ID:	F23716-3	**Date Sampled:**	04/27/04
Matrix:	AQ - Ground Water	**Date Received:**	04/28/04
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	STAR Center- 4.5 Acre Site, Largo, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	G0027984.D	1	04/30/04	JG	n/a	n/a	VG1036
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	1.0	1.0	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
110-75-8	2-Chloroethyl vinyl ether	ND	5.0	2.5	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.50	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.50	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.50	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.50	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.50	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.40	ug/l	
75-71-8	Dichlorodifluoromethane	ND	1.0	0.50	ug/l	
156-59-2	cis-1,2-Dichloroethylene	2.4	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	1.0	1.0	ug/l	
74-87-3	Methyl chloride	ND	1.0	1.0	ug/l	
75-09-2	Methylene chloride	ND	1.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.50	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.30	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.50	ug/l	
127-18-4	Tetrachloroethylene	ND	1.0	0.50	ug/l	
108-88-3	Toluene	ND	1.0	0.50	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.50	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	PIN20-RW01-N001		
Lab Sample ID:	F23716-3	**Date Sampled:**	04/27/04
Matrix:	AQ - Ground Water	**Date Received:**	04/28/04
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	STAR Center- 4.5 Acre Site, Largo, FL		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-69-4	Trichlorofluoromethane	ND	1.0	0.60	ug/l	
75-01-4	Vinyl chloride	8.3	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	104%		86-115%
17060-07-0	1,2-Dichloroethane-D4	97%		73-126%
2037-26-5	Toluene-D8	93%		86-112%
460-00-4	4-Bromofluorobenzene	95%		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:	PIN20-RW02-N001		
Lab Sample ID:	F23716-4	**Date Sampled:**	04/27/04
Matrix:	AQ - Ground Water	**Date Received:**	04/28/04
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	STAR Center- 4.5 Acre Site, Largo, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	G0027985.D	1	04/30/04	JG	n/a	n/a	VG1036
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	1.0	1.0	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
110-75-8	2-Chloroethyl vinyl ether	ND	5.0	2.5	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.50	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.50	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.50	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.50	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.50	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.40	ug/l	
75-71-8	Dichlorodifluoromethane	ND	1.0	0.50	ug/l	
156-59-2	cis-1,2-Dichloroethylene	0.85	1.0	0.50	ug/l	J
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.30	ug/l	
541-73-1	m-Dichlorobenzene	ND	1.0	0.50	ug/l	
95-50-1	o-Dichlorobenzene	ND	1.0	0.50	ug/l	
106-46-7	p-Dichlorobenzene	ND	1.0	0.50	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.50	ug/l	
74-83-9	Methyl bromide	ND	1.0	1.0	ug/l	
74-87-3	Methyl chloride	ND	1.0	1.0	ug/l	
75-09-2	Methylene chloride	ND	1.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.50	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.30	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.50	ug/l	
127-18-4	Tetrachloroethylene	ND	1.0	0.50	ug/l	
108-88-3	Toluene	ND	1.0	0.50	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.50	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	PIN20-RW02-N001		
Lab Sample ID:	F23716-4	**Date Sampled:**	04/27/04
Matrix:	AQ - Ground Water	**Date Received:**	04/28/04
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	STAR Center- 4.5 Acre Site, Largo, FL		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-69-4	Trichlorofluoromethane	ND	1.0	0.60	ug/l	
75-01-4	Vinyl chloride	1.8	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	100%		73-126%
2037-26-5	Toluene-D8	88%		86-112%
460-00-4	4-Bromofluorobenzene	97%		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:	PIN20-RW03-N001		
Lab Sample ID:	F23716-5	**Date Sampled:**	04/27/04
Matrix:	AQ - Ground Water	**Date Received:**	04/28/04
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	STAR Center- 4.5 Acre Site, Largo, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	G0027986.D	1	04/30/04	JG	n/a	n/a	VG1036
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	1.0	1.0	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
110-75-8	2-Chloroethyl vinyl ether	ND	5.0	2.5	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.50	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.50	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.50	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.50	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.50	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.40	ug/l	
75-71-8	Dichlorodifluoromethane	ND	1.0	0.50	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	1.0	0.50	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.30	ug/l	
541-73-1	m-Dichlorobenzene	ND	1.0	0.50	ug/l	
95-50-1	o-Dichlorobenzene	ND	1.0	0.50	ug/l	
106-46-7	p-Dichlorobenzene	ND	1.0	0.50	ug/l	
156-60-5	trans-1,2-Dichloroethylene	0.58	1.0	0.50	ug/l	J
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.50	ug/l	
74-83-9	Methyl bromide	ND	1.0	1.0	ug/l	
74-87-3	Methyl chloride	ND	1.0	1.0	ug/l	
75-09-2	Methylene chloride	ND	1.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.50	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.30	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.50	ug/l	
127-18-4	Tetrachloroethylene	ND	1.0	0.50	ug/l	
108-88-3	Toluene	ND	1.0	0.50	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.50	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	PIN20-RW03-N001		
Lab Sample ID:	F23716-5	**Date Sampled:**	04/27/04
Matrix:	AQ - Ground Water	**Date Received:**	04/28/04
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	STAR Center- 4.5 Acre Site, Largo, FL		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-69-4	Trichlorofluoromethane	ND	1.0	0.60	ug/l	
75-01-4	Vinyl chloride	13.6	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	104%		86-115%
17060-07-0	1,2-Dichloroethane-D4	97%		73-126%
2037-26-5	Toluene-D8	93%		86-112%
460-00-4	4-Bromofluorobenzene	97%		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

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

CHAIN OF CUSTODY

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

ACCUTEST JOB # F23716
SUBCONTRACT JOB #

CLIENT INFORMATION
NAME: S.M. Stoller
ADDRESS: 7887 Bryan Dairy Rd. Suite 260
CITY: Largo STATE: FL ZIP: 33777
SEND REPORT TO: Keith Miller
PHONE #: 970-248-6598

FACILITY INFORMATION
PROJECT NAME: STAR Center - 4.5 Acre startup
LOCATION: Largo, FL
PROJECT NO.: 110406202
Onsite contact: Julian Caballero
FAX #: 727-549-1121

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

ACCUTEST SAMPLE #	FIELD ID / POINT OF COLLECTION	COLLECTION DATE	COLLECTION TIME	SAMPLED BY:	MATRIX	# OF BOTTLES	PRESERVATION HCl	PRESERVATION NaOH	PRESERVATION HNO3	PRESERVATION H2SO4	PRESERVATION NONE	ANALYTICAL INFORMATION VOCs - 8260	VOCs - 624	SVOCs - 625	Fe + Hardness	LAB USE ONLY
1	PIN20-TRTI-N001	4-27-04	1040	QF	GW	4	3		1				3		1	
2	PIN20-TRTE-N001		1043	QF		6	3		1				3	2	1	
3	PIN20-RW01-N001		1030	QF		3	3					3				
4	PIN20-RW02-N001		1034	QF		3	3					3				
5	PIN20-RW03-N001		1037	QF		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

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

RELINQUISHED BY SAMPLER:	DATE TIME:	RECEIVED BY:
1.	4-27-04 1530	1.
RELINQUISHED BY:	DATE TIME:	RECEIVED BY:
3.		3.
RELINQUISHED BY:	DATE TIME:	RECEIVED BY:
5.		5.

RELINQUISHED BY:	DATE TIME:	RECEIVED BY:
2.	4-27-04 2000	2. 4/28/04 0800
RELINQUISHED BY:	DATE TIME:	RECEIVED BY:
4.		4.

SEAL # | PRESERVE WHERE APPLICABLE ☐ | ON ICE ☐ | TEMPERATURE °C

F23716: Chain of Custody
Page 1 of 2

ACCUTEST LABORATORIES SOUTHEAST SAMPLE RECEIPT CONFIRMATION

Accutest's Job Number: F23716

Client: S.M Stoller Project: STAR-Center

Date Received: 4/28/04 Time Received: 08:00

# of Coolers Received: 1 Cooler Temperatures: 4.6

Delivery Method: FedEx UPS (Accutest Courier) Greyhound Delivery Other

Air Bill Number:

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

Summary of Comments:

Signature: Carlos D Date: 4/28/04

Review Signature:

ASBD 12/30/03

F23716: Chain of Custody
Page 2 of 2

Southeast ACCUTEST Laboratories

07/19/04

Technical Report for

S M Stoller

STAR Center- 4.5 Acre Site, Largo, FL

110406202

Accutest Job Number: F23741

Sampling Date: 04/28/04

Report to:

S M Stoller

Cathy.Kelleher@gjo.doe.gov

ATTN: Cathy Kelleher

Total number of pages in report: 25

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

Sections: 1 2 3 4

Table of Contents

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Sample Summary

S M Stoller

Job No: F23741

STAR Center- 4.5 Acre Site, Largo, FL
Project No: 110406202

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
F23741-1	04/28/04	10:53	JWW	04/28/04	AQ	Ground Water	PIN20-TRTI-N001
F23741-2	04/28/04	11:05	JWW	04/28/04	AQ	Ground Water	PIN20-TRTE-N001
F23741-3	04/28/04	10:39	JWW	04/28/04	AQ	Ground Water	PIN20-RW01-N001
F23741-4	04/28/04	10:43	JWW	04/28/04	AQ	Ground Water	PIN20-RW02-N001
F23741-5	04/28/04	10:48	JWW	04/28/04	AQ	Ground Water	PIN20-RW03-N001

Accutest Laboratories Southeast, Inc.
Analytical Narrative

Client:	S M Stoller	**Job No:**	F23741
Site:	STAR Center- 4.5 Acre Site, Largo, FL	**Report Date**	5/5/2004

5 Samples were collected on 04/28/2004 and were received at Accutest on 04/28/2004 properly preserved, at 4.2 Deg. C and intact. These Samples received an Accutest job number of F23741.A listing of the Laboratory Sample ID, Client Sample ID and dates of collection are presented in the Results Summary Section of this report.
All samples were treated with anti-foaming agent and are footnoted accordingly.

Except as noted below, all method specified holding times, calibrations and quality control performance criteria were met.

Volatiles by GCMS By Method EPA 624

Matrix: AQ **Batch ID:** VG1035

All samples were run within holding times.

All method blanks for this batch passed with no positive results

Samples F23511-4MS were used as the QC samples indicated.

Recoveries for 2-Chloroethyl vinyl ether are outside control limits in the MS/MSD. The Blank Spike was within limits. Data not adversely affected.

Volatiles by GCMS By Method SW846 8260B

Matrix: AQ **Batch ID:** VG1036

All samples were run within holding times.

The Method Blank had a detect of Methylene Chloride at a level less than the reporting limit but greater than the method detection limit. All associated samples were non-detect for Methylene Chloride. Data not adversely affected.

Samples F23542-4MS, F23542-4MSD were used as the QC samples indicated.

Recoveries for 2-Chloroethyl vinyl ether are outside control limits in the MS/MSD. The Blank Spike was within limits. Data not adversely affected.

Extractables by GCMS By Method EPA 625

Matrix: AQ **Batch ID:** OP10306

All samples were run within holding times.

All samples were extracted within holding time for method

Samples F23741-2MS, F23741-2MSD were used as the QC samples indicated.

All method blanks for this batch passed with no positive results

Metals By Method SW846 6010B

Matrix: AQ **Batch ID:** MP6630

All samples were run within holding times.

All method blanks for this batch passed with no positive results

Samples F23580-2MS, F23580-2MSD, F23580-2SDL, F23580-2DUP were used as the QC samples for metals.

RPD for Serial Dilution for Iron is outside control limits. The Blank Spike was within limits. Data not adversely affected.

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

Accutest Laboratories Southeast, Inc. certifies that this report meets the project requirements for analytical data produced for the samples as received at the Accutest Laboratories Southeast location as stated in the Analytical Task Order and the COC. In addition, Accutest Laboratories Southeast, Inc. certifies that data as reported meet the Data Quality Objectives for precision, accuracy and completeness as specified in the Accutest Laboratories Southeast, Inc. Quality Manual for other that conditions detailed above. It is recommended by Accutest Laboratories Southeast, Inc. that this report is to be used in its entirety. Accutest Laboratories Southeast, Inc. is not responsible for any assumptions of data quality if partial data packages are used to interpret data. The Accutest Laboratories Southeast, Inc. Laboratory Director as verified by the signature on the front page has authorized release of this report.

Narrative prepared by:

Date: May 13, 2004

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

Report of Analysis

Client Sample ID:	PIN20-TRTI-N001		
Lab Sample ID:	F23741-1	**Date Sampled:**	04/28/04
Matrix:	AQ - Ground Water	**Date Received:**	04/28/04
Method:	EPA 624	**Percent Solids:**	n/a
Project:	STAR Center- 4.5 Acre Site, Largo, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	G0027978.D	1	04/30/04	JG	n/a	n/a	VG1035
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	1.0	1.0	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
110-75-8	2-Chloroethyl vinyl ether	ND	5.0	2.5	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.50	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.50	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.50	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.50	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.50	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.40	ug/l	
75-71-8	Dichlorodifluoromethane	ND	1.0	0.50	ug/l	
156-59-2	cis-1,2-Dichloroethylene	0.98	1.0	0.50	ug/l	J
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.30	ug/l	
541-73-1	m-Dichlorobenzene	ND	1.0	0.50	ug/l	
95-50-1	o-Dichlorobenzene	ND	1.0	0.50	ug/l	
106-46-7	p-Dichlorobenzene	ND	1.0	0.50	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.50	ug/l	
74-83-9	Methyl bromide	ND	1.0	1.0	ug/l	
74-87-3	Methyl chloride	ND	1.0	1.0	ug/l	
75-09-2	Methylene chloride	ND	1.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.50	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.30	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.50	ug/l	
127-18-4	Tetrachloroethylene	ND	1.0	0.50	ug/l	
108-88-3	Toluene	ND	1.0	0.50	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.50	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	PIN20-TRTI-N001		
Lab Sample ID:	F23741-1	**Date Sampled:**	04/28/04
Matrix:	AQ - Ground Water	**Date Received:**	04/28/04
Method:	EPA 624	**Percent Solids:**	n/a
Project:	STAR Center- 4.5 Acre Site, Largo, FL		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-69-4	Trichlorofluoromethane	ND	1.0	0.60	ug/l	
75-01-4	Vinyl chloride	5.2	1.0	0.50	ug/l	
	m,p-Xylene	ND	2.0	0.50	ug/l	
95-47-6	o-Xylene	ND	1.0	0.50	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		86-115%
17060-07-0	1,2-Dichloroethane-D4	97%		73-126%
2037-26-5	Toluene-D8	95%		86-112%
460-00-4	4-Bromofluorobenzene	94%		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:	PIN20-TRTI-N001		
Lab Sample ID:	F23741-1	**Date Sampled:**	04/28/04
Matrix:	AQ - Ground Water	**Date Received:**	04/28/04
		Percent Solids:	n/a
Project:	STAR Center- 4.5 Acre Site, Largo, FL		

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Iron	3610	300	48	ug/l	1	04/29/04	04/29/04	DM	SW846 6010B [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA3784
(2) Prep QC Batch: MP6630

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:	PIN20-TRTI-N001		
Lab Sample ID:	F23741-1	**Date Sampled:**	04/28/04
Matrix:	AQ - Ground Water	**Date Received:**	04/28/04
		Percent Solids:	n/a
Project:	STAR Center- 4.5 Acre Site, Largo, FL		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Hardness, Total as CaCO3	774	4.0	mg/l	1	05/04/04	DM	SW846 6010B/SM 2340B

RL = Reporting Limit

Report of Analysis

Client Sample ID:	PIN20-TRTE-N001		
Lab Sample ID:	F23741-2	**Date Sampled:**	04/28/04
Matrix:	AQ - Ground Water	**Date Received:**	04/28/04
Method:	EPA 624	**Percent Solids:**	n/a
Project:	STAR Center- 4.5 Acre Site, Largo, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	G0027979.D	1	04/30/04	JG	n/a	n/a	VG1035
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	1.0	1.0	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
110-75-8	2-Chloroethyl vinyl ether	ND	5.0	2.5	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.50	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.50	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.50	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.50	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.50	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.40	ug/l	
75-71-8	Dichlorodifluoromethane	ND	1.0	0.50	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	1.0	0.50	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.30	ug/l	
541-73-1	m-Dichlorobenzene	ND	1.0	0.50	ug/l	
95-50-1	o-Dichlorobenzene	ND	1.0	0.50	ug/l	
106-46-7	p-Dichlorobenzene	ND	1.0	0.50	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.50	ug/l	
74-83-9	Methyl bromide	ND	1.0	1.0	ug/l	
74-87-3	Methyl chloride	ND	1.0	1.0	ug/l	
75-09-2	Methylene chloride	ND	1.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.50	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.30	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.50	ug/l	
127-18-4	Tetrachloroethylene	ND	1.0	0.50	ug/l	
108-88-3	Toluene	ND	1.0	0.50	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.50	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	PIN20-TRTE-N001		
Lab Sample ID:	F23741-2	**Date Sampled:**	04/28/04
Matrix:	AQ - Ground Water	**Date Received:**	04/28/04
Method:	EPA 624	**Percent Solids:**	n/a
Project:	STAR Center- 4.5 Acre Site, Largo, FL		

VOA Special List

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

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%		86-115%
17060-07-0	1,2-Dichloroethane-D4	101%		73-126%
2037-26-5	Toluene-D8	95%		86-112%
460-00-4	4-Bromofluorobenzene	95%		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:	PIN20-TRTE-N001		
Lab Sample ID:	F23741-2	**Date Sampled:**	04/28/04
Matrix:	AQ - Ground Water	**Date Received:**	04/28/04
Method:	EPA 625 EPA 625	**Percent Solids:**	n/a
Project:	STAR Center- 4.5 Acre Site, Largo, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L021347.D	1	04/29/04	ME	04/29/04	OP10306	SL1148
Run #2							

	Initial Volume	Final Volume
Run #1	990 ml	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic Acid	ND	25	15	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	25	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	25	10	ug/l	
87-86-5	Pentachlorophenol	ND	25	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	3.0	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:	PIN20-TRTE-N001		
Lab Sample ID:	F23741-2	**Date Sampled:**	04/28/04
Matrix:	AQ - Ground Water	**Date Received:**	04/28/04
Method:	EPA 625 EPA 625	**Percent Solids:**	n/a
Project:	STAR Center- 4.5 Acre Site, Largo, FL		

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	2.5	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	2.5	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	5.1	2.0	ug/l	
99-09-2	3-Nitroaniline	ND	5.1	2.0	ug/l	
100-01-6	4-Nitroaniline	ND	5.1	2.0	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	44%		19-90%
4165-62-2	Phenol-d5	27%		10-68%
118-79-6	2,4,6-Tribromophenol	85%		36-137%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	PIN20-TRTE-N001		
Lab Sample ID:	F23741-2	**Date Sampled:**	04/28/04
Matrix:	AQ - Ground Water	**Date Received:**	04/28/04
Method:	EPA 625 EPA 625	**Percent Solids:**	n/a
Project:	STAR Center- 4.5 Acre Site, Largo, FL		

ABN TCL List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	74%		49-119%
321-60-8	2-Fluorobiphenyl	77%		45-118%
1718-51-0	Terphenyl-d14	77%		46-135%

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

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

Report of Analysis

Client Sample ID:	PIN20-TRTE-N001		
Lab Sample ID:	F23741-2	**Date Sampled:**	04/28/04
Matrix:	AQ - Ground Water	**Date Received:**	04/28/04
		Percent Solids:	n/a
Project:	STAR Center- 4.5 Acre Site, Largo, FL		

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Iron	3750	300	48	ug/l	1	04/29/04	04/29/04	DM	SW846 6010B [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA3784
(2) Prep QC Batch: MP6630

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:	PIN20-TRTE-N001		
Lab Sample ID:	F23741-2	**Date Sampled:**	04/28/04
Matrix:	AQ - Ground Water	**Date Received:**	04/28/04
		Percent Solids:	n/a
Project:	STAR Center- 4.5 Acre Site, Largo, FL		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Hardness, Total as CaCO3	774	4.0	mg/l	1	05/04/04	DM	SW846 6010B/SM 2340B

RL = Reporting Limit

Report of Analysis

Client Sample ID:	PIN20-RW01-N001		
Lab Sample ID:	F23741-3	**Date Sampled:**	04/28/04
Matrix:	AQ - Ground Water	**Date Received:**	04/28/04
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	STAR Center- 4.5 Acre Site, Largo, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	G0027987.D	1	04/30/04	JG	n/a	n/a	VG1036
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	1.0	1.0	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
110-75-8	2-Chloroethyl vinyl ether	ND	5.0	2.5	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.50	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.50	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.50	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.50	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.50	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.40	ug/l	
75-71-8	Dichlorodifluoromethane	ND	1.0	0.50	ug/l	
156-59-2	cis-1,2-Dichloroethylene	1.9	1.0	0.50	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.30	ug/l	
541-73-1	m-Dichlorobenzene	ND	1.0	0.50	ug/l	
95-50-1	o-Dichlorobenzene	ND	1.0	0.50	ug/l	
106-46-7	p-Dichlorobenzene	ND	1.0	0.50	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.50	ug/l	
74-83-9	Methyl bromide	ND	1.0	1.0	ug/l	
74-87-3	Methyl chloride	ND	1.0	1.0	ug/l	
75-09-2	Methylene chloride	ND	1.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.50	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.30	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.50	ug/l	
127-18-4	Tetrachloroethylene	ND	1.0	0.50	ug/l	
108-88-3	Toluene	ND	1.0	0.50	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.50	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	PIN20-RW01-N001		
Lab Sample ID:	F23741-3	**Date Sampled:**	04/28/04
Matrix:	AQ - Ground Water	**Date Received:**	04/28/04
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	STAR Center- 4.5 Acre Site, Largo, FL		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-69-4	Trichlorofluoromethane	ND	1.0	0.60	ug/l	
75-01-4	Vinyl chloride	8.4	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%		86-115%
17060-07-0	1,2-Dichloroethane-D4	94%		73-126%
2037-26-5	Toluene-D8	94%		86-112%
460-00-4	4-Bromofluorobenzene	97%		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:	PIN20-RW02-N001		
Lab Sample ID:	F23741-4	**Date Sampled:**	04/28/04
Matrix:	AQ - Ground Water	**Date Received:**	04/28/04
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	STAR Center- 4.5 Acre Site, Largo, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	G0027988.D	1	04/30/04	JG	n/a	n/a	VG1036
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	1.0	1.0	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
110-75-8	2-Chloroethyl vinyl ether	ND	5.0	2.5	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.50	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.50	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.50	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.50	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.50	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.40	ug/l	
75-71-8	Dichlorodifluoromethane	ND	1.0	0.50	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	1.0	0.50	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.30	ug/l	
541-73-1	m-Dichlorobenzene	ND	1.0	0.50	ug/l	
95-50-1	o-Dichlorobenzene	ND	1.0	0.50	ug/l	
106-46-7	p-Dichlorobenzene	ND	1.0	0.50	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.50	ug/l	
74-83-9	Methyl bromide	ND	1.0	1.0	ug/l	
74-87-3	Methyl chloride	ND	1.0	1.0	ug/l	
75-09-2	Methylene chloride	ND	1.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.50	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.30	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.50	ug/l	
127-18-4	Tetrachloroethylene	ND	1.0	0.50	ug/l	
108-88-3	Toluene	ND	1.0	0.50	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.50	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	PIN20-RW02-N001		
Lab Sample ID:	F23741-4	**Date Sampled:**	04/28/04
Matrix:	AQ - Ground Water	**Date Received:**	04/28/04
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	STAR Center- 4.5 Acre Site, Largo, FL		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-69-4	Trichlorofluoromethane	ND	1.0	0.60	ug/l	
75-01-4	Vinyl chloride	2.3	1.0	0.50	ug/l	
	m,p-Xylene	ND	2.0	0.50	ug/l	
95-47-6	o-Xylene	ND	1.0	0.50	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		86-115%
17060-07-0	1,2-Dichloroethane-D4	93%		73-126%
2037-26-5	Toluene-D8	94%		86-112%
460-00-4	4-Bromofluorobenzene	95%		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:	PIN20-RW03-N001		
Lab Sample ID:	F23741-5	**Date Sampled:**	04/28/04
Matrix:	AQ - Ground Water	**Date Received:**	04/28/04
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	STAR Center- 4.5 Acre Site, Largo, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	G0027989.D	1	04/30/04	JG	n/a	n/a	VG1036
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	1.0	1.0	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
110-75-8	2-Chloroethyl vinyl ether	ND	5.0	2.5	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.50	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.50	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.50	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.50	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.50	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.40	ug/l	
75-71-8	Dichlorodifluoromethane	ND	1.0	0.50	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	1.0	0.50	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.30	ug/l	
541-73-1	m-Dichlorobenzene	ND	1.0	0.50	ug/l	
95-50-1	o-Dichlorobenzene	ND	1.0	0.50	ug/l	
106-46-7	p-Dichlorobenzene	ND	1.0	0.50	ug/l	
156-60-5	trans-1,2-Dichloroethylene	0.92	1.0	0.50	ug/l	J
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.50	ug/l	
74-83-9	Methyl bromide	ND	1.0	1.0	ug/l	
74-87-3	Methyl chloride	ND	1.0	1.0	ug/l	
75-09-2	Methylene chloride	ND	1.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.50	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.30	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.50	ug/l	
127-18-4	Tetrachloroethylene	ND	1.0	0.50	ug/l	
108-88-3	Toluene	ND	1.0	0.50	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.50	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	PIN20-RW03-N001		
Lab Sample ID:	F23741-5	**Date Sampled:**	04/28/04
Matrix:	AQ - Ground Water	**Date Received:**	04/28/04
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	STAR Center- 4.5 Acre Site, Largo, FL		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-69-4	Trichlorofluoromethane	ND	1.0	0.60	ug/l	
75-01-4	Vinyl chloride	14.4	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	99%		86-115%
17060-07-0	1,2-Dichloroethane-D4	92%		73-126%
2037-26-5	Toluene-D8	93%		86-112%
460-00-4	4-Bromofluorobenzene	96%		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

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

CHAIN OF CUSTODY

ACCUTEST Laboratories

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

ACCUTEST JOB #: F23741
ACCUTEST QUOTE #:

CLIENT INFORMATION

NAME: SM STOLLER
ADDRESS: 7887 BRYAN DAIRY RD. SUITE 260
CITY: LARGO STATE: FL ZIP: 33777
SEND REPORT TO: KEITH MILLER
PHONE #: 970-248-6598

FACILITY INFORMATION

PROJECT NAME: STAR CENTER - 4.5 ACRE START UP
LOCATION: LARGO, FL.
PROJECT NO.: 1104 06202
ONSITE CONTACT: JULIAN CABALLERO
FAX #: 727-549-1121

ANALYTICAL INFORMATION

ACCUTEST SAMPLE #	FIELD ID / POINT OF COLLECTION	COLLECTION DATE	COLLECTION TIME	SAMPLED BY:	MATRIX	# OF BOTTLES	PRESERVATION HCl	PRESERVATION NaOH	PRESERVATION HNO3	PRESERVATION H2SO4	PRESERVATION NONE	VOC's - 8260	VOC's - 624	SVOC's - 625	Fe + HARDNESS
1	PIN20 - TRTI - N001	4-28-04	1053	GW	GW	4	3		1				3		1
2	PIN20 - TRTE - N001		1105			6	3		1		2		3	2	1
3	PIN20 - RW01 - N001		1039			3	3					3			
4	PIN20 - RW02 - N001		1043			3	3					3			
5	PIN20 - RW03 - N001		1048			3	3					3			

MATRIX CODES

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

LAB USE ONLY

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 POSSESSION, INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER:	DATE TIME:	RECEIVED BY:
1. [signature]	4-28-04	1. [signature] 4/28/04 13:00
RELINQUISHED BY:	DATE TIME:	RECEIVED BY:
3.		3.
RELINQUISHED BY:	DATE TIME:	RECEIVED BY:
5.		5.

RELINQUISHED BY:	DATE TIME:	RECEIVED BY:
2. [signature] 4/28/04	17:50	2. [signature]
RELINQUISHED BY:	DATE TIME:	RECEIVED BY:
4.		4.

SEAL # 42 PRESERVE WHERE APPLICABLE ☐ ON ICE ☐ TEMPERATURE _____ C

F23741: Chain of Custody
Page 1 of 2

ACCUTEST LABORATORIES SOUTHEAST SAMPLE RECEIPT CONFIRMATION

Accutest's Job Number: F23741

Client: S.M Stoller Project: Star Center

Date Received: 4/29/04 Time Received: 08:00

# of Coolers Received: 1 Cooler Temperatures: 4.2

Delivery Method: FedEx UPS Accutest Courier Greyhound Delivery Other

Air Bill Number:

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

Summary of Comments:

Signature: Carlos R Date: 4/29/04

Review Signature:

ASBD 12/30/03

F23741: Chain of Custody
Page 2 of 2

Southeast ACCUTEST Laboratories

07/20/04

Technical Report for

S M Stoller

STAR Center- 4.5 Acre Site, Largo, FL

110406202

Accutest Job Number: F23799

Sampling Date: 04/29/04

Report to:

S M Stoller

Cathy.Kelleher@gjo.doe.gov

ATTN: Cathy Kelleher

Total number of pages in report: **24**

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

Sections: 1 2 3 4

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Sample Summary

S M Stoller

Job No: F23799

STAR Center- 4.5 Acre Site, Largo, FL
Project No: 110406202

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
F23799-1	04/29/04	10:30	JWW	04/29/04	AQ	Ground Water	PIN20-TRTI-N001
F23799-2	04/29/04	10:40	JWW	04/29/04	AQ	Ground Water	PIN20-TRTE-N001
F23799-3	04/29/04	10:09	JWW	04/29/04	AQ	Ground Water	PIN20-RW01-N001
F23799-4	04/29/04	10:15	JWW	04/29/04	AQ	Ground Water	PIN20-RW02-N001
F23799-5	04/29/04	10:22	JWW	04/29/04	AQ	Ground Water	PIN20-RW03-N001

Accutest Laboratories Southeast, Inc.
Analytical Narrative

Client:	S M Stoller	**Job No:**	F23799
Site:	STAR Center- 4.5 Acre Site, Largo, FL	**Report Date**	5/5/2004

5 Samples were collected on 04/29/2004 and were received at Accutest on 04/29/2004
properly preserved, at 4.2 Deg. C and intact. These Samples received an Accutest job number of F23799.A listing of the Laboratory Sample ID, Client Sample ID and dates of collection are presented in the Results Summary Section of this report.
All samples except for F23799-3 (PIN20-RW01-N001), F23799-4 (PIN20-RW02-N001), F23799-5 (PIN20-RW03-N001) were treated with an anti-foaming agent and are footnoted accordingly.
Except as noted below, all method specified holding times, calibrations and quality control performance criteria were met.

Volatiles by GCMS By Method EPA 624

Matrix: AQ **Batch ID:** VG1038

All samples were run within holding times.

All method blanks for this batch passed with no positive results

Samples F23821-3MS, F23821-3MSD were used as the QC samples indicated.

Volatiles by GCMS By Method SW846 8260B

Matrix: AQ **Batch ID:** VB942

All samples were run within holding times.

All method blanks for this batch passed with no positive results

Samples F23592-16MS, F23592-16MSD were used as the QC samples indicated.

Recoveries for 2-Chloroethyl vinyl ether are outside control limits in the MS/MSD. The Blank Spike was within limits. Data not adversely affected.

Extractables by GCMS By Method EPA 625

Matrix: AQ **Batch ID:** OP10325

All samples were run within holding times.

All method blanks for this batch passed with no positive results

Samples F23799-2MS, F23799-2MSD were used as the QC samples indicated.
Recoveries for Benzoic Acid are outside control limits in the MS/MSD. RPDs for 2,4-Dinitrophenol, 3,3'-Dichlorobenzidine, Benzoic Acid are outside control limits in the MS/MSD. The Blank Spike was within limits. Data not adversely affected.

Metals By Method SW846 6010B

Matrix: AQ **Batch ID:** MP6638

All samples were run within holding times.

All method blanks for this batch passed with no positive results

Samples F23799-1DUP, F23799-1MS, F23799-1MSD, F23799-1SDL were used as the QC samples for metals.
RPD for Serial Dilution for Iron is outside control limits. The Blank Spike was within limits. Data not adversely affected.

MP6638-SD1 for Iron: Serial dilution indicates possible matrix interference.

Accutest Laboratories Southeast, Inc. certifies that this report meets the project requirements for analytical data produced for the samples as received at the Accutest Laboratories Southeast location as stated in the Analytical Task Order and the COC. In addition, Accutest Laboratories Southeast, Inc. certifies that data as reported meet the Data Quality Objectives for precision, accuracy and completeness as specified in the Accutest Laboratories Southeast, Inc. Quality Manual for other that conditions detailed above. It is recommended by Accutest Laboratories Southeast, Inc. that this report is to be used in its entirety. Accutest Laboratories Southeast, Inc. is not responsible for any assumptions of data quality if partial data packages are used to interpret data. The Accutest Laboratories Southeast, Inc. Laboratory Director as verified by the signature on the front page has authorized release of this report.

Narrative prepared by:

_____ Date: May 13, 2004

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

Report of Analysis

Client Sample ID:	PIN20-TRTI-N001		
Lab Sample ID:	F23799-1	**Date Sampled:**	04/29/04
Matrix:	AQ - Ground Water	**Date Received:**	04/29/04
Method:	EPA 624	**Percent Solids:**	n/a
Project:	STAR Center- 4.5 Acre Site, Largo, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	G0028038.D	1	05/03/04	JG	n/a	n/a	VG1038
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	1.0	1.0	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
110-75-8	2-Chloroethyl vinyl ether	ND	5.0	2.5	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.50	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.50	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.50	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.50	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.50	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.40	ug/l	
75-71-8	Dichlorodifluoromethane	ND	1.0	0.50	ug/l	
156-59-2	cis-1,2-Dichloroethylene	1.3	1.0	0.50	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.30	ug/l	
541-73-1	m-Dichlorobenzene	ND	1.0	0.50	ug/l	
95-50-1	o-Dichlorobenzene	ND	1.0	0.50	ug/l	
106-46-7	p-Dichlorobenzene	ND	1.0	0.50	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.50	ug/l	
74-83-9	Methyl bromide	ND	1.0	1.0	ug/l	
74-87-3	Methyl chloride	ND	1.0	1.0	ug/l	
75-09-2	Methylene chloride	ND	1.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.50	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.30	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.50	ug/l	
127-18-4	Tetrachloroethylene	ND	1.0	0.50	ug/l	
108-88-3	Toluene	ND	1.0	0.50	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.50	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	PIN20-TRTI-N001		
Lab Sample ID:	F23799-1	**Date Sampled:**	04/29/04
Matrix:	AQ - Ground Water	**Date Received:**	04/29/04
Method:	EPA 624	**Percent Solids:**	n/a
Project:	STAR Center- 4.5 Acre Site, Largo, FL		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-69-4	Trichlorofluoromethane	ND	1.0	0.60	ug/l	
75-01-4	Vinyl chloride	6.2	1.0	0.50	ug/l	
	m,p-Xylene	ND	2.0	0.50	ug/l	
95-47-6	o-Xylene	ND	1.0	0.50	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	100%		86-115%
17060-07-0	1,2-Dichloroethane-D4	95%		73-126%
2037-26-5	Toluene-D8	94%		86-112%
460-00-4	4-Bromofluorobenzene	95%		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:	PIN20-TRTI-N001		
Lab Sample ID:	F23799-1	**Date Sampled:**	04/29/04
Matrix:	AQ - Ground Water	**Date Received:**	04/29/04
		Percent Solids:	n/a
Project:	STAR Center- 4.5 Acre Site, Largo, FL		

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Iron	4130	300	48	ug/l	1	05/03/04	05/03/04	DM	SW846 6010B [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA3786
(2) Prep QC Batch: MP6638

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:	PIN20-TRTI-N001		
Lab Sample ID:	F23799-1	**Date Sampled:**	04/29/04
Matrix:	AQ - Ground Water	**Date Received:**	04/29/04
		Percent Solids:	n/a
Project:	STAR Center- 4.5 Acre Site, Largo, FL		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Hardness, Total as CaCO3	792	4.0	mg/l	1	05/04/04	DM	SW846 6010B/SM 2340B

RL = Reporting Limit

Report of Analysis

Client Sample ID:	PIN20-TRTE-N001		
Lab Sample ID:	F23799-2	**Date Sampled:**	04/29/04
Matrix:	AQ - Ground Water	**Date Received:**	04/29/04
Method:	EPA 624	**Percent Solids:**	n/a
Project:	STAR Center- 4.5 Acre Site, Largo, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	G0028039.D	1	05/03/04	JG	n/a	n/a	VG1038
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	1.0	1.0	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
110-75-8	2-Chloroethyl vinyl ether	ND	5.0	2.5	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.50	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.50	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.50	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.50	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.50	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.40	ug/l	
75-71-8	Dichlorodifluoromethane	ND	1.0	0.50	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	1.0	0.50	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.30	ug/l	
541-73-1	m-Dichlorobenzene	ND	1.0	0.50	ug/l	
95-50-1	o-Dichlorobenzene	ND	1.0	0.50	ug/l	
106-46-7	p-Dichlorobenzene	ND	1.0	0.50	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.50	ug/l	
74-83-9	Methyl bromide	ND	1.0	1.0	ug/l	
74-87-3	Methyl chloride	ND	1.0	1.0	ug/l	
75-09-2	Methylene chloride	ND	1.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.50	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.30	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.50	ug/l	
127-18-4	Tetrachloroethylene	ND	1.0	0.50	ug/l	
108-88-3	Toluene	ND	1.0	0.50	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.50	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	PIN20-TRTE-N001		
Lab Sample ID:	F23799-2	**Date Sampled:**	04/29/04
Matrix:	AQ - Ground Water	**Date Received:**	04/29/04
Method:	EPA 624	**Percent Solids:**	n/a
Project:	STAR Center- 4.5 Acre Site, Largo, FL		

VOA Special List

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

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		86-115%
17060-07-0	1,2-Dichloroethane-D4	96%		73-126%
2037-26-5	Toluene-D8	93%		86-112%
460-00-4	4-Bromofluorobenzene	95%		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:	PIN20-TRTE-N001		
Lab Sample ID:	F23799-2	**Date Sampled:**	04/29/04
Matrix:	AQ - Ground Water	**Date Received:**	04/29/04
Method:	EPA 625 EPA 625	**Percent Solids:**	n/a
Project:	STAR Center- 4.5 Acre Site, Largo, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	W019847.D	1	05/03/04	ME	05/01/04	OP10325	SW1042
Run #2							

	Initial Volume	Final Volume
Run #1	960 ml	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic Acid	ND	26	16	ug/l	
95-57-8	2-Chlorophenol	ND	5.2	2.1	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	5.2	2.1	ug/l	
120-83-2	2,4-Dichlorophenol	ND	5.2	2.1	ug/l	
105-67-9	2,4-Dimethylphenol	ND	5.2	2.1	ug/l	
51-28-5	2,4-Dinitrophenol	ND	26	10	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	10	5.2	ug/l	
95-48-7	2-Methylphenol	ND	5.2	2.1	ug/l	
	3&4-Methylphenol	ND	5.2	2.1	ug/l	
88-75-5	2-Nitrophenol	ND	5.2	2.1	ug/l	
100-02-7	4-Nitrophenol	ND	26	10	ug/l	
87-86-5	Pentachlorophenol	ND	26	10	ug/l	
108-95-2	Phenol	ND	5.2	2.1	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	5.2	2.1	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	5.2	2.1	ug/l	
83-32-9	Acenaphthene	ND	5.2	1.0	ug/l	
208-96-8	Acenaphthylene	ND	5.2	1.0	ug/l	
120-12-7	Anthracene	ND	5.2	1.0	ug/l	
56-55-3	Benzo(a)anthracene	ND	5.2	1.0	ug/l	
50-32-8	Benzo(a)pyrene	ND	5.2	1.0	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	5.2	1.0	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	5.2	2.1	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	5.2	1.0	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	5.2	1.0	ug/l	
85-68-7	Butyl benzyl phthalate	ND	5.2	2.1	ug/l	
100-51-6	Benzyl Alcohol	ND	5.2	1.0	ug/l	
91-58-7	2-Chloronaphthalene	ND	5.2	1.0	ug/l	
106-47-8	4-Chloroaniline	ND	10	3.1	ug/l	
86-74-8	Carbazole	ND	5.2	1.0	ug/l	
218-01-9	Chrysene	ND	5.2	1.0	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	5.2	1.0	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	5.2	2.1	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	PIN20-TRTE-N001		
Lab Sample ID:	F23799-2	**Date Sampled:**	04/29/04
Matrix:	AQ - Ground Water	**Date Received:**	04/29/04
Method:	EPA 625 EPA 625	**Percent Solids:**	n/a
Project:	STAR Center- 4.5 Acre Site, Largo, FL		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
108-60-1	bis(2-Chloroisopropyl)ether	ND	5.2	1.0	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	5.2	1.0	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	5.2	1.0	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	5.2	1.0	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	5.2	1.0	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	5.2	2.1	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	5.2	2.1	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	10	5.2	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	5.2	2.1	ug/l	
132-64-9	Dibenzofuran	ND	5.2	1.0	ug/l	
84-74-2	Di-n-butyl phthalate	ND	5.2	2.1	ug/l	
117-84-0	Di-n-octyl phthalate	ND	5.2	2.6	ug/l	
84-66-2	Diethyl phthalate	ND	5.2	2.1	ug/l	
131-11-3	Dimethyl phthalate	ND	5.2	2.1	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	5.2	2.6	ug/l	
206-44-0	Fluoranthene	ND	5.2	1.0	ug/l	
86-73-7	Fluorene	ND	5.2	1.0	ug/l	
118-74-1	Hexachlorobenzene	ND	5.2	1.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.2	2.1	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	5.2	2.1	ug/l	
67-72-1	Hexachloroethane	ND	5.2	2.1	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	5.2	2.1	ug/l	
78-59-1	Isophorone	ND	5.2	1.0	ug/l	
91-57-6	2-Methylnaphthalene	ND	5.2	1.0	ug/l	
88-74-4	2-Nitroaniline	ND	5.2	2.1	ug/l	
99-09-2	3-Nitroaniline	ND	5.2	2.1	ug/l	
100-01-6	4-Nitroaniline	ND	5.2	2.1	ug/l	
91-20-3	Naphthalene	ND	5.2	1.0	ug/l	
98-95-3	Nitrobenzene	ND	5.2	1.0	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	5.2	2.1	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	5.2	2.1	ug/l	
85-01-8	Phenanthrene	ND	5.2	1.0	ug/l	
129-00-0	Pyrene	ND	5.2	1.0	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.2	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	50%		19-90%
4165-62-2	Phenol-d5	32%		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:	PIN20-TRTE-N001		
Lab Sample ID:	F23799-2	**Date Sampled:**	04/29/04
Matrix:	AQ - Ground Water	**Date Received:**	04/29/04
Method:	EPA 625 EPA 625	**Percent Solids:**	n/a
Project:	STAR Center- 4.5 Acre Site, Largo, FL		

ABN TCL List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	77%		49-119%
321-60-8	2-Fluorobiphenyl	75%		45-118%
1718-51-0	Terphenyl-d14	86%		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:	PIN20-TRTE-N001		
Lab Sample ID:	F23799-2	**Date Sampled:**	04/29/04
Matrix:	AQ - Ground Water	**Date Received:**	04/29/04
		Percent Solids:	n/a
Project:	STAR Center- 4.5 Acre Site, Largo, FL		

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Iron	4140	300	48	ug/l	1	05/03/04	05/03/04	DM	SW846 6010B [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA3786
(2) Prep QC Batch: MP6638

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:	PIN20-TRTE-N001		
Lab Sample ID:	F23799-2	**Date Sampled:**	04/29/04
Matrix:	AQ - Ground Water	**Date Received:**	04/29/04
		Percent Solids:	n/a
Project:	STAR Center- 4.5 Acre Site, Largo, FL		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Hardness, Total as CaCO3	819	4.0	mg/l	1	05/04/04	DM	SW846 6010B/SM 2340B

RL = Reporting Limit

Report of Analysis

Client Sample ID:	PIN20-RW01-N001		
Lab Sample ID:	F23799-3	**Date Sampled:**	04/29/04
Matrix:	AQ - Ground Water	**Date Received:**	04/29/04
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	STAR Center- 4.5 Acre Site, Largo, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	B021703.D	1	05/02/04	JG	n/a	n/a	VB942
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	1.0	1.0	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
110-75-8	2-Chloroethyl vinyl ether	ND	5.0	2.5	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.50	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.50	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.50	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.50	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.50	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.40	ug/l	
75-71-8	Dichlorodifluoromethane	ND	1.0	0.50	ug/l	
156-59-2	cis-1,2-Dichloroethylene	1.3	1.0	0.50	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.30	ug/l	
541-73-1	m-Dichlorobenzene	ND	1.0	0.50	ug/l	
95-50-1	o-Dichlorobenzene	ND	1.0	0.50	ug/l	
106-46-7	p-Dichlorobenzene	ND	1.0	0.50	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.50	ug/l	
74-83-9	Methyl bromide	ND	1.0	1.0	ug/l	
74-87-3	Methyl chloride	ND	1.0	1.0	ug/l	
75-09-2	Methylene chloride	ND	1.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.50	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.30	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.50	ug/l	
127-18-4	Tetrachloroethylene	ND	1.0	0.50	ug/l	
108-88-3	Toluene	ND	1.0	0.50	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.50	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	PIN20-RW01-N001		
Lab Sample ID:	F23799-3	**Date Sampled:**	04/29/04
Matrix:	AQ - Ground Water	**Date Received:**	04/29/04
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	STAR Center- 4.5 Acre Site, Largo, FL		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-69-4	Trichlorofluoromethane	ND	1.0	0.60	ug/l	
75-01-4	Vinyl chloride	8.1	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	98%		86-115%
17060-07-0	1,2-Dichloroethane-D4	94%		73-126%
2037-26-5	Toluene-D8	98%		86-112%
460-00-4	4-Bromofluorobenzene	97%		83-119%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	PIN20-RW02-N001		
Lab Sample ID:	F23799-4	**Date Sampled:**	04/29/04
Matrix:	AQ - Ground Water	**Date Received:**	04/29/04
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	STAR Center- 4.5 Acre Site, Largo, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	B021704.D	1	05/02/04	JG	n/a	n/a	VB942
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	1.0	1.0	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
110-75-8	2-Chloroethyl vinyl ether	ND	5.0	2.5	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.50	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.50	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.50	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.50	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.50	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.40	ug/l	
75-71-8	Dichlorodifluoromethane	ND	1.0	0.50	ug/l	
156-59-2	cis-1,2-Dichloroethylene	0.54	1.0	0.50	ug/l	J
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.30	ug/l	
541-73-1	m-Dichlorobenzene	ND	1.0	0.50	ug/l	
95-50-1	o-Dichlorobenzene	ND	1.0	0.50	ug/l	
106-46-7	p-Dichlorobenzene	ND	1.0	0.50	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.50	ug/l	
74-83-9	Methyl bromide	ND	1.0	1.0	ug/l	
74-87-3	Methyl chloride	ND	1.0	1.0	ug/l	
75-09-2	Methylene chloride	ND	1.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.50	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.30	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.50	ug/l	
127-18-4	Tetrachloroethylene	ND	1.0	0.50	ug/l	
108-88-3	Toluene	ND	1.0	0.50	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.50	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	PIN20-RW02-N001		
Lab Sample ID:	F23799-4	**Date Sampled:**	04/29/04
Matrix:	AQ - Ground Water	**Date Received:**	04/29/04
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	STAR Center- 4.5 Acre Site, Largo, FL		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-69-4	Trichlorofluoromethane	ND	1.0	0.60	ug/l	
75-01-4	Vinyl chloride	2.1	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	96%		86-115%
17060-07-0	1,2-Dichloroethane-D4	92%		73-126%
2037-26-5	Toluene-D8	98%		86-112%
460-00-4	4-Bromofluorobenzene	97%		83-119%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	PIN20-RW03-N001		
Lab Sample ID:	F23799-5	**Date Sampled:**	04/29/04
Matrix:	AQ - Ground Water	**Date Received:**	04/29/04
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	STAR Center- 4.5 Acre Site, Largo, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	B021705.D	1	05/02/04	JG	n/a	n/a	VB942
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	1.0	1.0	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
110-75-8	2-Chloroethyl vinyl ether	ND	5.0	2.5	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.50	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.50	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.50	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.50	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.50	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.40	ug/l	
75-71-8	Dichlorodifluoromethane	ND	1.0	0.50	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	1.0	0.50	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.30	ug/l	
541-73-1	m-Dichlorobenzene	ND	1.0	0.50	ug/l	
95-50-1	o-Dichlorobenzene	ND	1.0	0.50	ug/l	
106-46-7	p-Dichlorobenzene	ND	1.0	0.50	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.50	ug/l	
74-83-9	Methyl bromide	ND	1.0	1.0	ug/l	
74-87-3	Methyl chloride	ND	1.0	1.0	ug/l	
75-09-2	Methylene chloride	ND	1.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.50	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.30	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.50	ug/l	
127-18-4	Tetrachloroethylene	ND	1.0	0.50	ug/l	
108-88-3	Toluene	ND	1.0	0.50	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.50	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	PIN20-RW03-N001		
Lab Sample ID:	F23799-5	**Date Sampled:**	04/29/04
Matrix:	AQ - Ground Water	**Date Received:**	04/29/04
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	STAR Center- 4.5 Acre Site, Largo, FL		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-69-4	Trichlorofluoromethane	ND	1.0	0.60	ug/l	
75-01-4	Vinyl chloride	18.0	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	96%		86-115%
17060-07-0	1,2-Dichloroethane-D4	92%		73-126%
2037-26-5	Toluene-D8	97%		86-112%
460-00-4	4-Bromofluorobenzene	98%		83-119%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

CHAIN OF CUSTODY

ACCUTEST Laboratories

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

ACCUTEST JOB #: F23799
ACCUTEST QUOTE #:

CLIENT INFORMATION

NAME: S M STOLLER
ADDRESS: 7887 BRYAN DAIRY RD. SUITE 260
CITY: LARGO, FL. STATE: 33777 ZIP
SEND REPORT TO: KEITH MILLER
PHONE #: 970-248-6598

FACILITY INFORMATION

PROJECT NAME: STAR CENTER - 4.5 ACRE STARTUP
LOCATION: LARGO, FL.
PROJECT NO.: 1104062.02
ONSITE CONTACT: JULIAN CABALLERO
FAX #: 727-549-1121

ANALYTICAL INFORMATION

ACCUTEST SAMPLE #	FIELD ID / POINT OF COLLECTION	DATE	TIME	SAMPLED BY:	MATRIX	# OF BOTTLES	PRESERVATION: HCl	HNO3	H2SO4	NONE	VOC's - 8260	VOC's - 624	SVOC's - 625	Fe + HARDNESS
1	PIN20-TRTI-N001	4-29-04	1030	JWW	GW	4	3		1			3		1
2	PIN20-TRTE-N001		1040	JWW		6	3	1	2			3	2	1
3	PIN 20-RW01-N001		1009	JWW		3	3				3			
4	PIN20-RW02-N001		1015	JWW		3	3				3			
5	PIN 20-RW03-N001	↓	1022	JWW	↓	3	3				3			

MATRIX CODES

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

LAB USE ONLY

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:
1. [signature]	4-29-04	1. [signature] 4/29/04 13:35
RELINQUISHED BY:	DATE TIME:	RECEIVED BY:
3.		3.
RELINQUISHED BY:	DATE TIME:	RECEIVED BY:
5.		5.

RELINQUISHED BY:	DATE TIME:	RECEIVED BY
2. [signature] 4/29/04	17:50	2. [signature]
RELINQUISHED BY:	DATE TIME:	RECEIVED BY:
4.		4.
SEAL # Y-2	PRESERVE WHERE APPLICABLE ☐	ON ICE ☐ TEMPERATURE _____ C

F23799: Chain of Custody
Page 1 of 2

ACCUTEST LABORATORIES SOUTHEAST SAMPLE RECEIPT CONFIRMATION

Accutest's Job Number: F23799

Client: S-M Stoller Project: STAR Center Y.5 ACRE

Date Received: 4/30/04 Time Received: 09:00

# of Coolers Received: 1 Cooler Temperatures: 4.2

Delivery Method: (FedEx) UPS Accutest Courier Greyhound Delivery Other

Air Bill Number:

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

Summary of Comments:

Signature: Date: 4/30/04

Review Signature:

ASBD 12/30/03

F23799: Chain of Custody
Page 2 of 2

Southeast ACCUTEST Laboratories

07/19/04

Technical Report for

S M Stoller

STAR Center- 4.5 Acre Site, Largo, FL

110406202

Accutest Job Number: F23898

Sampling Date: 05/05/04

Report to:

S M Stoller

Cathy.Kelleher@gjo.doe.gov

ATTN: Cathy Kelleher

Total number of pages in report: 25

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

Sections: 1 2 3 4

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Sample Summary

S M Stoller

Job No: F23898

STAR Center- 4.5 Acre Site, Largo, FL
Project No: 110406202

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
F23898-1	05/05/04	11:28	JC	05/06/04	AQ	Ground Water	PIN20-TRTI-N001
F23898-2	05/05/04	11:33	JC	05/06/04	AQ	Ground Water	PIN20-TRTE-N001
F23898-3	05/05/04	10:05	JC	05/06/04	AQ	Ground Water	PIN20-RW01-N001
F23898-4	05/05/04	10:10	JC	05/06/04	AQ	Ground Water	PIN20-RW02-N001
F23898-5	05/05/04	10:42	JC	05/06/04	AQ	Ground Water	PIN20-RW03-N001

SAMPLE DELIVERY GROUP CASE NARRATIVE

Client: S M Stoller **Job No:** F23898

Site: STAR Center- 4.5 Acre Site, Largo, FL **Report Date** 5/14/2004

5 Samples were collected on 05/05/2004 and were received at Accutest on 05/06/2004
properly preserved, at 3.4 Deg. C and intact. These Samples received an Accutest job number of F23898.A listing of the Laboratory Sample ID, Client Sample ID and dates of collection are presented in the Results Summary Section of this report.
All samples were treated with an anti-foaming agent and are footnoted accordingly.

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:** VG1045

All samples were analyzed within the recommended method holding time.

Samples F23898-2MS, F23898-2MSD were used as the QC samples indicated.

All method blanks for this batch meet method specific criteria.

Recoveries for 2-Chloroethyl vinyl ether are outside control limits in the MS/MSD. RPD for 1,1,1-Trichloroethane is outside control limits in the MS/MSD. The Blank Spike was within control limits. Data not adversely affected.

Volatiles by GCMS By Method SW846 8260B

Matrix: AQ **Batch ID:** VG1050

All samples were analyzed within the recommended method holding time.

Samples F23751-7MS, F23751-7MSD were used as the QC samples indicated.

All method blanks for this batch meet method specific criteria.

Recoveries for 2-Chloroethyl vinyl ether are outside control limits in the MS/MSD. The Blank Spike was within control limits. Data not adversely affected.

Extractables by GCMS By Method EPA 625

Matrix: AQ **Batch ID:** OP10371

All samples were extracted within the recommended method holding time.

All samples were analyzed within the recommended method holding time.

Samples F23905-5MS, F23905-5MSD were used as the QC samples indicated.

All method blanks for this batch meet method specific criteria.

Recoveries for 2,4-Dinitrophenol, 2,4-Dinitrotoluene, 2,6-Dinitrotoluene, 2-Nitrophenol, 3,3'-Dichlorobenzidine, 3-Nitroaniline, 4,6-Dinitro-o-cresol, 4-Chloroaniline, 4-Nitroaniline, 4-Nitrophenol, Benzoic Acid, bis(2-Ethylhexyl)phthalate, Butyl benzyl phthalate, Di-n-octyl phthalate, Dibenzo(a,h)anthracene, Hexachlorobutadiene, Hexachlorocyclopentadiene, Indeno(1,2,3-cd)pyrene, N-Nitroso-di-n-propylamine, Pentachlorophenol, Phenanthrene are outside control limits in the MS/MSD. RPDs for 2,6-Dinitrotoluene, 2-Nitroaniline are outside control limits in the MS/MSD. The Blank Spike was within control limits. Data not adversely affected.

Metals By Method SW846 6010B

Matrix: AQ **Batch ID:** MP6660

All samples were analyzed within the recommended method holding time.

All method blanks for this batch meet method specific criteria.

Samples F23865-3DUP, F23865-3MS, F23865-3MSD, F23865-3SDL were used as the QC samples for metals.

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

Narrative prepared by:

_____ Date: May 18, 2004

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

Report of Analysis

Client Sample ID:	PIN20-TRTI-N001		
Lab Sample ID:	F23898-1	**Date Sampled:**	05/05/04
Matrix:	AQ - Ground Water	**Date Received:**	05/06/04
Method:	EPA 624	**Percent Solids:**	n/a
Project:	STAR Center- 4.5 Acre Site, Largo, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	G0028190.D	1	05/06/04	RAW	n/a	n/a	VG1045
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	1.0	1.0	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
110-75-8	2-Chloroethyl vinyl ether	ND	5.0	2.5	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.50	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.50	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.50	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.50	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.50	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.40	ug/l	
75-71-8	Dichlorodifluoromethane	ND	1.0	0.50	ug/l	
156-59-2	cis-1,2-Dichloroethylene	1.6	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	0.90	1.0	0.50	ug/l	J
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.50	ug/l	
74-83-9	Methyl bromide	ND	1.0	1.0	ug/l	
74-87-3	Methyl chloride	ND	1.0	1.0	ug/l	
75-09-2	Methylene chloride	ND	1.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.50	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.30	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.50	ug/l	
127-18-4	Tetrachloroethylene	ND	1.0	0.50	ug/l	
108-88-3	Toluene	ND	1.0	0.50	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.50	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	PIN20-TRTI-N001		
Lab Sample ID:	F23898-1	**Date Sampled:**	05/05/04
Matrix:	AQ - Ground Water	**Date Received:**	05/06/04
Method:	EPA 624	**Percent Solids:**	n/a
Project:	STAR Center- 4.5 Acre Site, Largo, FL		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-69-4	Trichlorofluoromethane	ND	1.0	0.60	ug/l	
75-01-4	Vinyl chloride	5.5	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	97%		86-115%
17060-07-0	1,2-Dichloroethane-D4	92%		73-126%
2037-26-5	Toluene-D8	90%		86-112%
460-00-4	4-Bromofluorobenzene	102%		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:	PIN20-TRTI-N001		
Lab Sample ID:	F23898-1	**Date Sampled:**	05/05/04
Matrix:	AQ - Ground Water	**Date Received:**	05/06/04
		Percent Solids:	n/a
Project:	STAR Center- 4.5 Acre Site, Largo, FL		

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Iron	5960	300	48	ug/l	1	05/07/04	05/11/04	DM	SW846 6010B [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA3797
(2) Prep QC Batch: MP6660

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:	PIN20-TRTI-N001		
Lab Sample ID:	F23898-1	**Date Sampled:**	05/05/04
Matrix:	AQ - Ground Water	**Date Received:**	05/06/04
		Percent Solids:	n/a
Project:	STAR Center- 4.5 Acre Site, Largo, FL		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Hardness, Total as CaCO3	758	4.0	mg/l	1	05/12/04	DM	SW846 6010B/SM 2340B

RL = Reporting Limit

Report of Analysis

Client Sample ID:	PIN20-TRTE-N001		
Lab Sample ID:	F23898-2	**Date Sampled:**	05/05/04
Matrix:	AQ - Ground Water	**Date Received:**	05/06/04
Method:	EPA 624	**Percent Solids:**	n/a
Project:	STAR Center- 4.5 Acre Site, Largo, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	G0028191.D	1	05/06/04	RAW	n/a	n/a	VG1045
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	1.0	1.0	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
110-75-8	2-Chloroethyl vinyl ether	ND	5.0	2.5	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.50	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.50	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.50	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.50	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.50	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.40	ug/l	
75-71-8	Dichlorodifluoromethane	ND	1.0	0.50	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	1.0	0.50	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.30	ug/l	
541-73-1	m-Dichlorobenzene	ND	1.0	0.50	ug/l	
95-50-1	o-Dichlorobenzene	ND	1.0	0.50	ug/l	
106-46-7	p-Dichlorobenzene	ND	1.0	0.50	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.50	ug/l	
74-83-9	Methyl bromide	ND	1.0	1.0	ug/l	
74-87-3	Methyl chloride	ND	1.0	1.0	ug/l	
75-09-2	Methylene chloride	ND	1.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.50	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.30	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.50	ug/l	
127-18-4	Tetrachloroethylene	ND	1.0	0.50	ug/l	
108-88-3	Toluene	ND	1.0	0.50	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.50	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	PIN20-TRTE-N001		
Lab Sample ID:	F23898-2	**Date Sampled:**	05/05/04
Matrix:	AQ - Ground Water	**Date Received:**	05/06/04
Method:	EPA 624	**Percent Solids:**	n/a
Project:	STAR Center- 4.5 Acre Site, Largo, FL		

VOA Special List

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

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	99%		86-115%
17060-07-0	1,2-Dichloroethane-D4	94%		73-126%
2037-26-5	Toluene-D8	92%		86-112%
460-00-4	4-Bromofluorobenzene	103%		83-119%

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

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: PIN20-TRTE-N001
Lab Sample ID: F23898-2
Matrix: AQ - Ground Water
Method: EPA 625 EPA 625
Project: STAR Center- 4.5 Acre Site, Largo, FL

Date Sampled: 05/05/04
Date Received: 05/06/04
Percent Solids: n/a

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L021436.D	1	05/10/04	ME	05/07/04	OP10371	SL1154
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	15	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	3.1	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:	PIN20-TRTE-N001		
Lab Sample ID:	F23898-2	**Date Sampled:**	05/05/04
Matrix:	AQ - Ground Water	**Date Received:**	05/06/04
Method:	EPA 625 EPA 625	**Percent Solids:**	n/a
Project:	STAR Center- 4.5 Acre Site, Largo, FL		

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	5.1	2.0	ug/l	
99-09-2	3-Nitroaniline	ND	5.1	2.0	ug/l	
100-01-6	4-Nitroaniline	ND	5.1	2.0	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	32%		19-90%
4165-62-2	Phenol-d5	21%		10-68%
118-79-6	2,4,6-Tribromophenol	74%		36-137%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	PIN20-TRTE-N001		
Lab Sample ID:	F23898-2	**Date Sampled:**	05/05/04
Matrix:	AQ - Ground Water	**Date Received:**	05/06/04
Method:	EPA 625 EPA 625	**Percent Solids:**	n/a
Project:	STAR Center- 4.5 Acre Site, Largo, FL		

ABN TCL List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	61%		49-119%
321-60-8	2-Fluorobiphenyl	63%		45-118%
1718-51-0	Terphenyl-d14	79%		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:	PIN20-TRTE-N001		
Lab Sample ID:	F23898-2	**Date Sampled:**	05/05/04
Matrix:	AQ - Ground Water	**Date Received:**	05/06/04
		Percent Solids:	n/a
Project:	STAR Center- 4.5 Acre Site, Largo, FL		

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Iron	5490	300	48	ug/l	1	05/07/04	05/11/04	DM	SW846 6010B [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA3797
(2) Prep QC Batch: MP6660

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:	PIN20-TRTE-N001		
Lab Sample ID:	F23898-2	**Date Sampled:**	05/05/04
Matrix:	AQ - Ground Water	**Date Received:**	05/06/04
		Percent Solids:	n/a
Project:	STAR Center- 4.5 Acre Site, Largo, FL		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Hardness, Total as CaCO3	708	4.0	mg/l	1	05/12/04	DM	SW846 6010B/SM 2340B

RL = Reporting Limit

Report of Analysis

Client Sample ID:	PIN20-RW01-N001		
Lab Sample ID:	F23898-3	**Date Sampled:**	05/05/04
Matrix:	AQ - Ground Water	**Date Received:**	05/06/04
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	STAR Center- 4.5 Acre Site, Largo, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	G0028289.D	1	05/11/04	RAW	n/a	n/a	VG1050
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	1.0	1.0	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
110-75-8	2-Chloroethyl vinyl ether	ND	5.0	2.5	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.50	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.50	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.50	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.50	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.50	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.40	ug/l	
75-71-8	Dichlorodifluoromethane	ND	1.0	0.50	ug/l	
156-59-2	cis-1,2-Dichloroethylene	1.8	1.0	0.50	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.30	ug/l	
541-73-1	m-Dichlorobenzene	ND	1.0	0.50	ug/l	
95-50-1	o-Dichlorobenzene	ND	1.0	0.50	ug/l	
106-46-7	p-Dichlorobenzene	ND	1.0	0.50	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.50	ug/l	
74-83-9	Methyl bromide	ND	1.0	1.0	ug/l	
74-87-3	Methyl chloride	ND	1.0	1.0	ug/l	
75-09-2	Methylene chloride	ND	1.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.50	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.30	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.50	ug/l	
127-18-4	Tetrachloroethylene	ND	1.0	0.50	ug/l	
108-88-3	Toluene	ND	1.0	0.50	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.50	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	PIN20-RW01-N001		
Lab Sample ID:	F23898-3	**Date Sampled:**	05/05/04
Matrix:	AQ - Ground Water	**Date Received:**	05/06/04
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	STAR Center- 4.5 Acre Site, Largo, FL		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-69-4	Trichlorofluoromethane	ND	1.0	0.60	ug/l	
75-01-4	Vinyl chloride	6.6	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	90%		86-115%
17060-07-0	1,2-Dichloroethane-D4	97%		73-126%
2037-26-5	Toluene-D8	91%		86-112%
460-00-4	4-Bromofluorobenzene	94%		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:	PIN20-RW02-N001		
Lab Sample ID:	F23898-4	**Date Sampled:**	05/05/04
Matrix:	AQ - Ground Water	**Date Received:**	05/06/04
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	STAR Center- 4.5 Acre Site, Largo, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	G0028290.D	1	05/11/04	RAW	n/a	n/a	VG1050
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	1.0	1.0	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
110-75-8	2-Chloroethyl vinyl ether	ND	5.0	2.5	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.50	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.50	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.50	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.50	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.50	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.40	ug/l	
75-71-8	Dichlorodifluoromethane	ND	1.0	0.50	ug/l	
156-59-2	cis-1,2-Dichloroethylene	1.0	1.0	0.50	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.30	ug/l	
541-73-1	m-Dichlorobenzene	ND	1.0	0.50	ug/l	
95-50-1	o-Dichlorobenzene	ND	1.0	0.50	ug/l	
106-46-7	p-Dichlorobenzene	ND	1.0	0.50	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.50	ug/l	
74-83-9	Methyl bromide	ND	1.0	1.0	ug/l	
74-87-3	Methyl chloride	ND	1.0	1.0	ug/l	
75-09-2	Methylene chloride	ND	1.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.50	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.30	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.50	ug/l	
127-18-4	Tetrachloroethylene	ND	1.0	0.50	ug/l	
108-88-3	Toluene	ND	1.0	0.50	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.50	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	PIN20-RW02-N001		
Lab Sample ID:	F23898-4	**Date Sampled:**	05/05/04
Matrix:	AQ - Ground Water	**Date Received:**	05/06/04
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	STAR Center- 4.5 Acre Site, Largo, FL		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-69-4	Trichlorofluoromethane	ND	1.0	0.60	ug/l	
75-01-4	Vinyl chloride	2.5	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	95%		86-115%
17060-07-0	1,2-Dichloroethane-D4	96%		73-126%
2037-26-5	Toluene-D8	89%		86-112%
460-00-4	4-Bromofluorobenzene	93%		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:	PIN20-RW03-N001		
Lab Sample ID:	F23898-5	**Date Sampled:**	05/05/04
Matrix:	AQ - Ground Water	**Date Received:**	05/06/04
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	STAR Center- 4.5 Acre Site, Largo, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	G0028291.D	1	05/11/04	RAW	n/a	n/a	VG1050
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	1.0	1.0	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
110-75-8	2-Chloroethyl vinyl ether	ND	5.0	2.5	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.50	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.50	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.50	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.50	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.50	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.40	ug/l	
75-71-8	Dichlorodifluoromethane	ND	1.0	0.50	ug/l	
156-59-2	cis-1,2-Dichloroethylene	1.3	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	4.1	1.0	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.50	ug/l	
74-83-9	Methyl bromide	ND	1.0	1.0	ug/l	
74-87-3	Methyl chloride	ND	1.0	1.0	ug/l	
75-09-2	Methylene chloride	ND	1.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.50	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.30	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.50	ug/l	
127-18-4	Tetrachloroethylene	ND	1.0	0.50	ug/l	
108-88-3	Toluene	ND	1.0	0.50	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.50	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	PIN20-RW03-N001		
Lab Sample ID:	F23898-5	**Date Sampled:**	05/05/04
Matrix:	AQ - Ground Water	**Date Received:**	05/06/04
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	STAR Center- 4.5 Acre Site, Largo, FL		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-69-4	Trichlorofluoromethane	ND	1.0	0.60	ug/l	
75-01-4	Vinyl chloride	25.7	1.0	0.50	ug/l	
	m,p-Xylene	ND	2.0	0.50	ug/l	
95-47-6	o-Xylene	ND	1.0	0.50	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		86-115%
17060-07-0	1,2-Dichloroethane-D4	97%		73-126%
2037-26-5	Toluene-D8	92%		86-112%
460-00-4	4-Bromofluorobenzene	90%		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

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

CHAIN OF CUSTODY

ACCUTEST Laboratories

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

ACCUTEST JOB #:
ACCUTEST QUOTE #: F23898

CLIENT INFORMATION

NAME: S.M. Stoller
ADDRESS: 7887 Bryan Dairy Rd., Suite 260
CITY: Largo STATE: FL ZIP: 33777
SEND REPORT TO: Keith Miller
PHONE #: 970-248-6598

FACILITY INFORMATION

PROJECT NAME: STAR Center - 4.5 Acre startup
LOCATION: Largo, FL
PROJECT NO.: 104062.02
Onsite contact: Julian Caballero
FAX #: 727-549-1121

ANALYTICAL INFORMATION

MATRIX CODES

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

ACCUTEST SAMPLE #	FIELD ID / POINT OF COLLECTION	COLLECTION DATE	COLLECTION TIME	SAMPLED BY:	MATRIX	# OF BOTTLES	PRESERVATION HCl	PRESERVATION NaOH	PRESERVATION HNO3	PRESERVATION H2SO4	PRESERVATION NONE	VOCs - 8260	VOCs - 624	SVOCs - 625	Fe + Hardness	LAB USE ONLY
1)	PIN20-TRTI-N001	5-5-04	1128	QT	GW	4	3		1				3		1	
2)	PIN20-TRTE-N001		1133	QT		6	3		1		2		3	2	1	
3)	PIN20-RW01-N001		1005	QT		3	3					3				
4)	PIN20-RW02-N001		1010	QT		3	3					3				
5)	PIN20-RW03-N001		1042	QT		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

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.	5-5-04	1.	2.	05/6/04-1030	2.
RELINQUISHED BY:	DATE TIME:	RECEIVED BY:	RELINQUISHED BY:	DATE TIME:	RECEIVED BY:
3.		3.	4.		4.
RELINQUISHED BY:	DATE TIME:	RECEIVED BY:	SEAL #	PRESERVE WHERE APPLICABLE ☐	ON ICE ☐
5.		5.			TEMPERATURE 3.4 °C

F23898: Chain of Custody
Page 1 of 2

ACCUTEST LABORATORIES SOUTHEAST SAMPLE RECEIPT CONFIRMATION

Accutest's Job Number: F23898

Client: SM Stoltan Project: 45 Acre Startup

Date Received: 05/06/04 Time Received: 0800

# of Coolers Received: 1 Cooler Temperatures: 3.4°

Delivery Method: FedEx UPS (Accutest Courier) Greyhound Delivery Other

Air Bill Number: _____

Cooler Custody Seals Intact ?	(Yes)	No
Chain of Custody Provided ?	(Yes)	No
COC Match Bottle Label ID's ?	(Yes)	No
Sample Labels Present on all bottles ?	(Yes)	No
All Analyses Marked On COC ?	(Yes)	No
Are All Bottles Intact ?	(Yes)	No
Samples Preserved Correctly ?	(Yes)	No
Correct Number of Containers Used ?	(Yes)	No
Sufficient Sample Volume ?	(Yes)	No
Trip Blank Provided ?	Yes	(No)
Trip Blank on COC ?	Yes	(No)
Trip Blank Intact ?	Yes	No (N/A)
Trip Blank Matrix ?	Soil	Water (N/A)
Number of Encores ?	2	
Number of Soil Field Kits ?	2	

Summary of Comments: _____

Signature: _____ Date: 05/06/04

Review Signature: _____

ASBD 12/30/03

F23898: Chain of Custody
Page 2 of 2

Southeast ACCUTEST Laboratories

07/19/04

Technical Report for

S M Stoller

Star Center-4.5 Acre Monthly /Effluent, FL

110406202

Accutest Job Number: F24059

Sampling Date: 05/11/04

Report to:

S M Stoller

Cathy.Kelleher@gjo.doe.gov

ATTN: Cathy Kelleher

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

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

Sections: 1 2 3 4

Table of Contents

Sample Summary

S M Stoller

Job No: F24059

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

Sample Number	Collected Date	Time	By	Received	Matrix Code	Matrix Type	Client Sample ID
F24059-1	05/11/04	11:13	JPC	05/12/04	AQ	Ground Water	PIN20-TRTE-N002*4.5 ACRE

SAMPLE DELIVERY GROUP CASE NARRATIVE

Client: S M Stoller **Job No:** F24059

Site: Star Center-4.5 Acre Monthly /Effluent, FL **Report Date** 5/17/2004

1 Sample was collected on 05/11/2004 and were received at Accutest on 05/12/2004 properly preserved, at 2.6 Deg. C and intact. These Samples received an Accutest job number of F24059.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:** VC1004

All samples were analyzed within the recommended method holding time.

All method blanks for this batch meet method specific criteria.

Samples F24061-1MS, F24061-1MSD were used as the QC samples indicated.

F24059-1: Sample was treated with an anti-foaming agent and is footnoted accordingly.

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

Narrative prepared by:

Date: May 18, 2004

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

Report of Analysis

Client Sample ID:	PIN20-TRTE-N002*4.5 ACRE		
Lab Sample ID:	F24059-1	**Date Sampled:**	05/11/04
Matrix:	AQ - Ground Water	**Date Received:**	05/12/04
Method:	EPA 624	**Percent Solids:**	n/a
Project:	Star Center-4.5 Acre Monthly /Effluent, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	C0023328.D	1	05/14/04	KW	n/a	n/a	VC1004
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	107%		86-115%
17060-07-0	1,2-Dichloroethane-D4	89%		73-126%
2037-26-5	Toluene-D8	95%		86-112%
460-00-4	4-Bromofluorobenzene	103%		83-119%

(a) Sample collected on 05/11/04 at 11:13.
(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

CHAIN OF CUSTODY

ACCUTEST Laboratories

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

ACCUTEST JOB #:
ACCUTEST QUOTE #: F24059

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 - 4.5 Acre monthly effluent
LOCATION:
PROJECT NO.: 110406202
FAX #

ANALYTICAL INFORMATION: BTEX, Total VOAs - 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	DATE	TIME	SAMPLED BY	MATRIX	# OF BOTTLES	HCl	NaOH	HNO3	H2SO4	NONE	BTEX, Total VOAs - 624	LAB USE ONLY
1	PIN20-TRTE-N002 * 4.5 Acre	5-11-04	1113	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 POSSESSION, INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER:	DATE TIME:	RECEIVED BY:	RELINQUISHED BY:	DATE TIME:	RECEIVED BY:
1. [signature]	5-11-04 /	1. [signature]	2. [signature]	5/11/04 1230	2. [signature] 5/12/04 08:00
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 ___ C

F24059: Chain of Custody
Page 1 of 2

ACCUTEST LABORATORIES SOUTHEAST SAMPLE RECEIPT CONFIRMATION

Accutest's Job Number: F24059

Client: S.M. Stoller **Project:** STAR Center - 4.5 Acre monthly effluent

Date Received: 5/12/04 **Time Received:** 08:00

# of Coolers Received: 1 **Cooler Temperatures:** 2.6°C

Delivery Method: FedEx UPS (Accutest Courier) Greyhound Delivery Other

Air Bill Number:

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

Summary of Comments:

Signature: Jeff Mistruff **Date:** 5/12/04

Review Signature:

ASBD 12/30/03

F24059: Chain of Custody
Page 2 of 2

Southeast ACCUTEST Laboratories

07/19/04

Technical Report for

S M Stoller

STAR Center- 4.5 Acre Site, Largo, FL

110406202

Accutest Job Number: F24063

Sampling Date: 05/11/04

Report to:

S M Stoller

Cathy.Kelleher@gjo.doe.gov

ATTN: Cathy Kelleher

Total number of pages in report: **24**

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

Sections: 1 2 3 4

Table of Contents

Sample Summary

S M Stoller

Job No: F24063

STAR Center- 4.5 Acre Site, Largo, FL
Project No: 110406202

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
F24063-1	05/11/04	10:53	JPC	05/12/04	AQ	Ground Water	PIN20-TRTI-N001
F24063-2	05/11/04	11:10	JPC	05/12/04	AQ	Ground Water	PIN20-TRTE-N001
F24063-3	05/11/04	10:41	JPC	05/12/04	AQ	Ground Water	PIN20-RW01-N001
F24063-4	05/11/04	10:46	JPC	05/12/04	AQ	Ground Water	PIN20-RW02-N001
F24063-5	05/11/04	10:49	JPC	05/12/04	AQ	Ground Water	PIN20-RW03-N001

SAMPLE DELIVERY GROUP CASE NARRATIVE

Client: S M Stoller **Job No:** F24063

Site: STAR Center- 4.5 Acre Site, Largo, FL **Report Date** 5/18/2004

5 Samples were collected on 05/11/2004 and were received at Accutest on 05/12/2004 properly preserved, at 2.6 Deg. C and intact. These Samples received an Accutest job number of F24063.A listing of the Laboratory Sample ID, Client Sample ID and dates of collection are presented in the Results Summary Section of this report.
All volatile samples were treated with an anti-foaming agent and are footnoted accordingly.

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:** VC1004

All samples were analyzed within the recommended method holding time.

Samples F24061-1MS, F24061-1MSD were used as the QC samples indicated.

All method blanks for this batch meet method specific criteria.

Recoveries for 2-Chloroethyl vinyl ether are outside control limits in the MS/MSD. The Blank Spike was within limits. Data not adversely affected.

Volatiles by GCMS By Method SW846 8260B

Matrix: AQ **Batch ID:** VC1003

All samples were analyzed within the recommended method holding time.

Samples F23973-2MS, F23973-2MSD were used as the QC samples indicated.

All method blanks for this batch meet method specific criteria.

Recoveries for 2-Chloroethyl vinyl ether are outside control limits in the MS/MSD. The Blank Spike was within limits. Data not adversely affected.

Extractables by GCMS By Method EPA 625

Matrix: AQ **Batch ID:** OP10438

All samples were analyzed within the recommended method holding time.

All samples were extracted within the recommended method holding time.

Samples F24061-2MS, F24061-2MSD were used as the QC samples indicated.

The Method Blank had a detect on 1,4-Dichlorobenzene. At a level less than the reporting limit but greater than the method detection limit. The associated samples were non-detect for this compound,. Data not adversely affected.

Metals By Method SW846 6010B

Matrix: AQ **Batch ID:** MP6680

All method blanks for this batch meet method specific criteria.

Samples F24061-1DUP, F24061-1MS, F24061-1MSD, F24061-1SDL were used as the QC samples for metals.

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

Narrative prepared by:

_____ Date: May 18, 2004

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

Report of Analysis

Client Sample ID:	PIN20-TRTI-N001		
Lab Sample ID:	F24063-1	**Date Sampled:**	05/11/04
Matrix:	AQ - Ground Water	**Date Received:**	05/12/04
Method:	EPA 624	**Percent Solids:**	n/a
Project:	STAR Center- 4.5 Acre Site, Largo, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	C0023326.D	1	05/14/04	KW	n/a	n/a	VC1004
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	0.53	1.0	0.50	ug/l	J
75-25-2	Bromoform	0.66	1.0	0.50	ug/l	J
108-90-7	Chlorobenzene	ND	1.0	0.50	ug/l	
75-00-3	Chloroethane	ND	1.0	1.0	ug/l	
67-66-3	Chloroform	1.2	1.0	0.50	ug/l	
110-75-8	2-Chloroethyl vinyl ether	ND	5.0	2.5	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.50	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.50	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.50	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.50	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.50	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.40	ug/l	
75-71-8	Dichlorodifluoromethane	ND	1.0	0.50	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	1.0	0.50	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.30	ug/l	
541-73-1	m-Dichlorobenzene	ND	1.0	0.50	ug/l	
95-50-1	o-Dichlorobenzene	ND	1.0	0.50	ug/l	
106-46-7	p-Dichlorobenzene	ND	1.0	0.50	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.50	ug/l	
74-83-9	Methyl bromide	ND	1.0	1.0	ug/l	
74-87-3	Methyl chloride	ND	1.0	1.0	ug/l	
75-09-2	Methylene chloride	ND	1.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.50	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.30	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.50	ug/l	
127-18-4	Tetrachloroethylene	ND	1.0	0.50	ug/l	
108-88-3	Toluene	ND	1.0	0.50	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.50	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	PIN20-TRTI-N001		
Lab Sample ID:	F24063-1	**Date Sampled:**	05/11/04
Matrix:	AQ - Ground Water	**Date Received:**	05/12/04
Method:	EPA 624	**Percent Solids:**	n/a
Project:	STAR Center- 4.5 Acre Site, Largo, FL		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-69-4	Trichlorofluoromethane	ND	1.0	0.60	ug/l	
75-01-4	Vinyl chloride	4.6	1.0	0.50	ug/l	
	m,p-Xylene	ND	2.0	0.50	ug/l	
95-47-6	o-Xylene	ND	1.0	0.50	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	105%		86-115%
17060-07-0	1,2-Dichloroethane-D4	89%		73-126%
2037-26-5	Toluene-D8	95%		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:	PIN20-TRTI-N001		
Lab Sample ID:	F24063-1	**Date Sampled:**	05/11/04
Matrix:	AQ - Ground Water	**Date Received:**	05/12/04
		Percent Solids:	n/a
Project:	STAR Center- 4.5 Acre Site, Largo, FL		

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Iron	8240	300	48	ug/l	1	05/13/04	05/14/04	DM	SW846 6010B [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA3803
(2) Prep QC Batch: MP6680

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:	PIN20-TRTI-N001		
Lab Sample ID:	F24063-1	**Date Sampled:**	05/11/04
Matrix:	AQ - Ground Water	**Date Received:**	05/12/04
		Percent Solids:	n/a
Project:	STAR Center- 4.5 Acre Site, Largo, FL		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Hardness, Total as CaCO3	656	4.0	mg/l	1	05/17/04	DM	SW846 6010B/SM 2340B

RL = Reporting Limit

Report of Analysis

Client Sample ID:	PIN20-TRTE-N001		
Lab Sample ID:	F24063-2	**Date Sampled:**	05/11/04
Matrix:	AQ - Ground Water	**Date Received:**	05/12/04
Method:	EPA 624	**Percent Solids:**	n/a
Project:	STAR Center- 4.5 Acre Site, Largo, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	C0023327.D	1	05/14/04	KW	n/a	n/a	VC1004
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	1.0	1.0	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
110-75-8	2-Chloroethyl vinyl ether	ND	5.0	2.5	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.50	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.50	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.50	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.50	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.50	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.40	ug/l	
75-71-8	Dichlorodifluoromethane	ND	1.0	0.50	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	1.0	0.50	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.30	ug/l	
541-73-1	m-Dichlorobenzene	ND	1.0	0.50	ug/l	
95-50-1	o-Dichlorobenzene	ND	1.0	0.50	ug/l	
106-46-7	p-Dichlorobenzene	ND	1.0	0.50	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.50	ug/l	
74-83-9	Methyl bromide	ND	1.0	1.0	ug/l	
74-87-3	Methyl chloride	ND	1.0	1.0	ug/l	
75-09-2	Methylene chloride	ND	1.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.50	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.30	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.50	ug/l	
127-18-4	Tetrachloroethylene	ND	1.0	0.50	ug/l	
108-88-3	Toluene	ND	1.0	0.50	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.50	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	PIN20-TRTE-N001		
Lab Sample ID:	F24063-2	**Date Sampled:**	05/11/04
Matrix:	AQ - Ground Water	**Date Received:**	05/12/04
Method:	EPA 624	**Percent Solids:**	n/a
Project:	STAR Center- 4.5 Acre Site, Largo, FL		

VOA Special List

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

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	108%		86-115%
17060-07-0	1,2-Dichloroethane-D4	89%		73-126%
2037-26-5	Toluene-D8	95%		86-112%
460-00-4	4-Bromofluorobenzene	100%		83-119%

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

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	PIN20-TRTE-N001		
Lab Sample ID:	F24063-2	**Date Sampled:**	05/11/04
Matrix:	AQ - Ground Water	**Date Received:**	05/12/04
Method:	EPA 625 EPA 625	**Percent Solids:**	n/a
Project:	STAR Center- 4.5 Acre Site, Largo, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L021520.D	1	05/17/04	ME	05/14/04	OP10438	SL1158
Run #2							

	Initial Volume	Final Volume
Run #1	970 ml	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic Acid	ND	26	15	ug/l	
95-57-8	2-Chlorophenol	ND	5.2	2.1	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	5.2	2.1	ug/l	
120-83-2	2,4-Dichlorophenol	ND	5.2	2.1	ug/l	
105-67-9	2,4-Dimethylphenol	ND	5.2	2.1	ug/l	
51-28-5	2,4-Dinitrophenol	ND	26	10	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	10	5.2	ug/l	
95-48-7	2-Methylphenol	ND	5.2	2.1	ug/l	
	3&4-Methylphenol	ND	5.2	2.1	ug/l	
88-75-5	2-Nitrophenol	ND	5.2	2.1	ug/l	
100-02-7	4-Nitrophenol	ND	26	10	ug/l	
87-86-5	Pentachlorophenol	ND	26	10	ug/l	
108-95-2	Phenol	ND	5.2	2.1	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	5.2	2.1	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	5.2	2.1	ug/l	
83-32-9	Acenaphthene	ND	5.2	1.0	ug/l	
208-96-8	Acenaphthylene	ND	5.2	1.0	ug/l	
120-12-7	Anthracene	ND	5.2	1.0	ug/l	
56-55-3	Benzo(a)anthracene	ND	5.2	1.0	ug/l	
50-32-8	Benzo(a)pyrene	ND	5.2	1.0	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	5.2	1.0	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	5.2	2.1	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	5.2	1.0	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	5.2	1.0	ug/l	
85-68-7	Butyl benzyl phthalate	ND	5.2	2.1	ug/l	
100-51-6	Benzyl Alcohol	ND	5.2	1.0	ug/l	
91-58-7	2-Chloronaphthalene	ND	5.2	1.0	ug/l	
106-47-8	4-Chloroaniline	ND	10	3.1	ug/l	
86-74-8	Carbazole	ND	5.2	1.0	ug/l	
218-01-9	Chrysene	ND	5.2	1.0	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	5.2	1.0	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	5.2	2.1	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	PIN20-TRTE-N001		
Lab Sample ID:	F24063-2	**Date Sampled:**	05/11/04
Matrix:	AQ - Ground Water	**Date Received:**	05/12/04
Method:	EPA 625 EPA 625	**Percent Solids:**	n/a
Project:	STAR Center- 4.5 Acre Site, Largo, FL		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
108-60-1	bis(2-Chloroisopropyl)ether	ND	5.2	1.0	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	5.2	1.0	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	5.2	1.0	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	5.2	1.0	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	5.2	1.0	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	5.2	2.1	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	5.2	2.1	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	10	5.2	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	5.2	2.1	ug/l	
132-64-9	Dibenzofuran	ND	5.2	1.0	ug/l	
84-74-2	Di-n-butyl phthalate	ND	5.2	2.1	ug/l	
117-84-0	Di-n-octyl phthalate	ND	5.2	2.6	ug/l	
84-66-2	Diethyl phthalate	ND	5.2	2.1	ug/l	
131-11-3	Dimethyl phthalate	ND	5.2	2.1	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	5.2	2.6	ug/l	
206-44-0	Fluoranthene	ND	5.2	1.0	ug/l	
86-73-7	Fluorene	ND	5.2	1.0	ug/l	
118-74-1	Hexachlorobenzene	ND	5.2	1.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.2	2.1	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	5.2	2.1	ug/l	
67-72-1	Hexachloroethane	ND	5.2	2.1	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	5.2	2.1	ug/l	
78-59-1	Isophorone	ND	5.2	1.0	ug/l	
91-57-6	2-Methylnaphthalene	ND	5.2	1.0	ug/l	
88-74-4	2-Nitroaniline	ND	5.2	2.1	ug/l	
99-09-2	3-Nitroaniline	ND	5.2	2.1	ug/l	
100-01-6	4-Nitroaniline	ND	5.2	2.1	ug/l	
91-20-3	Naphthalene	ND	5.2	1.0	ug/l	
98-95-3	Nitrobenzene	ND	5.2	1.0	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	5.2	2.1	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	5.2	2.1	ug/l	
85-01-8	Phenanthrene	ND	5.2	1.0	ug/l	
129-00-0	Pyrene	ND	5.2	1.0	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.2	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	44%		19-90%
4165-62-2	Phenol-d5	29%		10-68%
118-79-6	2,4,6-Tribromophenol	95%		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:	PIN20-TRTE-N001		
Lab Sample ID:	F24063-2	**Date Sampled:**	05/11/04
Matrix:	AQ - Ground Water	**Date Received:**	05/12/04
Method:	EPA 625 EPA 625	**Percent Solids:**	n/a
Project:	STAR Center- 4.5 Acre Site, Largo, FL		

ABN TCL List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	75%		49-119%
321-60-8	2-Fluorobiphenyl	79%		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:	PIN20-TRTE-N001		
Lab Sample ID:	F24063-2	**Date Sampled:**	05/11/04
Matrix:	AQ - Ground Water	**Date Received:**	05/12/04
		Percent Solids:	n/a
Project:	STAR Center- 4.5 Acre Site, Largo, FL		

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Iron	5700	300	48	ug/l	1	05/13/04	05/14/04	DM	SW846 6010B [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA3803
(2) Prep QC Batch: MP6680

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:	PIN20-TRTE-N001		
Lab Sample ID:	F24063-2	**Date Sampled:**	05/11/04
Matrix:	AQ - Ground Water	**Date Received:**	05/12/04
		Percent Solids:	n/a
Project:	STAR Center- 4.5 Acre Site, Largo, FL		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Hardness, Total as CaCO3	601	4.0	mg/l	1	05/17/04	DM	SW846 6010B/SM 2340B

RL = Reporting Limit

Report of Analysis

Client Sample ID:	PIN20-RW01-N001		
Lab Sample ID:	F24063-3	**Date Sampled:**	05/11/04
Matrix:	AQ - Ground Water	**Date Received:**	05/12/04
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	STAR Center- 4.5 Acre Site, Largo, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	C0023305.D	1	05/13/04	KW	n/a	n/a	VC1003
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	1.0	1.0	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
110-75-8	2-Chloroethyl vinyl ether	ND	5.0	2.5	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.50	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.50	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.50	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.50	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.50	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.40	ug/l	
75-71-8	Dichlorodifluoromethane	ND	1.0	0.50	ug/l	
156-59-2	cis-1,2-Dichloroethylene	1.2	1.0	0.50	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.30	ug/l	
541-73-1	m-Dichlorobenzene	ND	1.0	0.50	ug/l	
95-50-1	o-Dichlorobenzene	ND	1.0	0.50	ug/l	
106-46-7	p-Dichlorobenzene	ND	1.0	0.50	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.50	ug/l	
74-83-9	Methyl bromide	ND	1.0	1.0	ug/l	
74-87-3	Methyl chloride	ND	1.0	1.0	ug/l	
75-09-2	Methylene chloride	ND	1.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.50	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.30	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.50	ug/l	
127-18-4	Tetrachloroethylene	ND	1.0	0.50	ug/l	
108-88-3	Toluene	ND	1.0	0.50	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.50	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	PIN20-RW01-N001		
Lab Sample ID:	F24063-3	**Date Sampled:**	05/11/04
Matrix:	AQ - Ground Water	**Date Received:**	05/12/04
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	STAR Center- 4.5 Acre Site, Largo, FL		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-69-4	Trichlorofluoromethane	ND	1.0	0.60	ug/l	
75-01-4	Vinyl chloride	7.2	1.0	0.50	ug/l	
	m,p-Xylene	ND	2.0	0.50	ug/l	
95-47-6	o-Xylene	ND	1.0	0.50	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	107%		86-115%
17060-07-0	1,2-Dichloroethane-D4	89%		73-126%
2037-26-5	Toluene-D8	97%		86-112%
460-00-4	4-Bromofluorobenzene	103%		83-119%

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

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	PIN20-RW02-N001		
Lab Sample ID:	F24063-4	**Date Sampled:**	05/11/04
Matrix:	AQ - Ground Water	**Date Received:**	05/12/04
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	STAR Center- 4.5 Acre Site, Largo, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	C0023306.D	1	05/13/04	KW	n/a	n/a	VC1003
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	1.0	1.0	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
110-75-8	2-Chloroethyl vinyl ether	ND	5.0	2.5	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.50	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.50	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.50	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.50	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.50	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.40	ug/l	
75-71-8	Dichlorodifluoromethane	ND	1.0	0.50	ug/l	
156-59-2	cis-1,2-Dichloroethylene	0.60	1.0	0.50	ug/l	J
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.30	ug/l	
541-73-1	m-Dichlorobenzene	ND	1.0	0.50	ug/l	
95-50-1	o-Dichlorobenzene	ND	1.0	0.50	ug/l	
106-46-7	p-Dichlorobenzene	ND	1.0	0.50	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.50	ug/l	
74-83-9	Methyl bromide	ND	1.0	1.0	ug/l	
74-87-3	Methyl chloride	ND	1.0	1.0	ug/l	
75-09-2	Methylene chloride	ND	1.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.50	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.30	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.50	ug/l	
127-18-4	Tetrachloroethylene	ND	1.0	0.50	ug/l	
108-88-3	Toluene	ND	1.0	0.50	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.50	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	PIN20-RW02-N001		
Lab Sample ID:	F24063-4	**Date Sampled:**	05/11/04
Matrix:	AQ - Ground Water	**Date Received:**	05/12/04
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	STAR Center- 4.5 Acre Site, Largo, FL		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-69-4	Trichlorofluoromethane	ND	1.0	0.60	ug/l	
75-01-4	Vinyl chloride	3.4	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	104%		86-115%
17060-07-0	1,2-Dichloroethane-D4	91%		73-126%
2037-26-5	Toluene-D8	95%		86-112%
460-00-4	4-Bromofluorobenzene	103%		83-119%

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

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	PIN20-RW03-N001		
Lab Sample ID:	F24063-5	**Date Sampled:**	05/11/04
Matrix:	AQ - Ground Water	**Date Received:**	05/12/04
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	STAR Center- 4.5 Acre Site, Largo, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	C0023307.D	1	05/13/04	KW	n/a	n/a	VC1003
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	1.0	1.0	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
110-75-8	2-Chloroethyl vinyl ether	ND	5.0	2.5	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.50	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.50	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.50	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.50	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.50	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.40	ug/l	
75-71-8	Dichlorodifluoromethane	ND	1.0	0.50	ug/l	
156-59-2	cis-1,2-Dichloroethylene	0.58	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	3.0	1.0	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.50	ug/l	
74-83-9	Methyl bromide	ND	1.0	1.0	ug/l	
74-87-3	Methyl chloride	ND	1.0	1.0	ug/l	
75-09-2	Methylene chloride	ND	1.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.50	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.30	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.50	ug/l	
127-18-4	Tetrachloroethylene	ND	1.0	0.50	ug/l	
108-88-3	Toluene	ND	1.0	0.50	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.50	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	PIN20-RW03-N001		
Lab Sample ID:	F24063-5	**Date Sampled:**	05/11/04
Matrix:	AQ - Ground Water	**Date Received:**	05/12/04
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	STAR Center- 4.5 Acre Site, Largo, FL		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-69-4	Trichlorofluoromethane	ND	1.0	0.60	ug/l	
75-01-4	Vinyl chloride	21.5	1.0	0.50	ug/l	
	m,p-Xylene	ND	2.0	0.50	ug/l	
95-47-6	o-Xylene	ND	1.0	0.50	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	105%		86-115%
17060-07-0	1,2-Dichloroethane-D4	91%		73-126%
2037-26-5	Toluene-D8	95%		86-112%
460-00-4	4-Bromofluorobenzene	106%		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

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

CHAIN OF CUSTODY

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

ACCUTEST JOB #:
ACCUTEST QUOTE #: F24063

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 - 4.5 Acre startup
LOCATION: 110406202
PROJECT NO.:
FAX #:

ANALYTICAL INFORMATION

MATRIX CODES

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

ACCUTEST SAMPLE #	FIELD ID / POINT OF COLLECTION	COLLECTION DATE	COLLECTION TIME	SAMPLED BY:	MATRIX	# OF BOTTLES	PRESERVATION HCl	PRESERVATION HNO3	PRESERVATION H2SO4	PRESERVATION NONE	VOCs - 8260	VOCs - 624	SVOCs - 625	Fe + Hardness	LAB USE ONLY
1	PIN20-TRTI-N001	5-11-04	1053	JPC	GW	4	3		1			3		1	
2	PIN20-TRTE-N001		1110			6	3		1	2		3	2	1	
3	PIN20-RW01-N001		1041			3	3				3				
4	PIN20-RW02-N001		1046			3	3				3				
5	PIN20-RW03-N001		1049			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

Week 2 of 4

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:
J.P.C.	5-11-04	1.	2.	5/11/04 1730	2. 5/12/04 08:00
RELINQUISHED BY:	DATE TIME:	RECEIVED BY:	RELINQUISHED BY:	DATE TIME:	RECEIVED BY:
3.		3.	4.		4.
RELINQUISHED BY:	DATE TIME:	RECEIVED BY:	SEAL #	PRESERVE WHERE APPLICABLE ☐	ON ICE ☐ TEMPERATURE ____ C
5.		5.			

F24063: Chain of Custody
Page 1 of 2

ACCUTEST LABORATORIES SOUTHEAST SAMPLE RECEIPT CONFIRMATION

Accutest's Job Number: F24063

Client: S.M. Stoller **Project:** STAR Center - 4.5 Acre Startup

Date Received: 5/12/04 **Time Received:** 08:00

# of Coolers Received: 1 **Cooler Temperatures:** 2.6°C

Delivery Method: FedEx UPS (Accutest Courier) Greyhound Delivery Other

Air Bill Number:

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

Number of Encores ? 0

Number of Soil Field Kits ? 0

Summary of Comments:

Signature: [signature] **Date:** 5/12/04

Review Signature:

ASBD 12/30/03

F24063: Chain of Custody
Page 2 of 2

Southeast ACCUTEST Laboratories

07/19/04

Technical Report for

S M Stoller

STAR Center- 4.5 Acre Site, Largo, FL

110406202

Accutest Job Number: F24234

Sampling Date: 05/18/04

Report to:

S M Stoller

Cathy.Kelleher@gjo.doe.gov

ATTN: Cathy Kelleher

Total number of pages in report: 25

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

Sections: 1 2 3 4

Table of Contents

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Sample Summary

S M Stoller

Job No: F24234

STAR Center- 4.5 Acre Site, Largo, FL
Project No: 110406202

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
F24234-1	05/18/04	10:18	JWW	05/19/04	AQ	Ground Water	PIN20-TRTI-N001
F24234-2	05/18/04	10:08	JWW	05/19/04	AQ	Ground Water	PIN20-TRTE-N001
F24234-3	05/18/04	09:42	JWW	05/19/04	AQ	Ground Water	PIN20-RW01-N001
F24234-4	05/18/04	09:48	JWW	05/19/04	AQ	Ground Water	PIN20-RW02-N001
F24234-5	05/18/04	09:54	JWW	05/19/04	AQ	Ground Water	PIN20-RW03-N001

SAMPLE DELIVERY GROUP CASE NARRATIVE

Client: S M Stoller **Job No:** F24234

Site: STAR Center- 4.5 Acre Site, Largo, FL **Report Date** 5/24/2004

5 Samples were collected on 05/18/2004 and were received at Accutest on 05/19/2004 properly preserved, at 3.2 Deg. C and intact. These Samples received an Accutest job number of F24234.A listing of the Laboratory Sample ID, Client Sample ID and dates of collection are presented in the Results Summary Section of this report.
All Volatile samples were treated with an anti-foaming agent and are footnoted accordingly.

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:** VC1013

All samples were analyzed within the recommended method holding time.

All method blanks for this batch meet method specific criteria.

Recoveries for 2-Chloroethyl vinyl ether are outside control limits in the MS/MSD. The Blank Spike was within limits. Data not adversely affected.

Matrix: AQ **Batch ID:** VC1015

All samples were analyzed within the recommended method holding time.

Samples F24234-1MS, F24234-1MSD were used as the QC samples indicated.

All method blanks for this batch meet method specific criteria.

Recoveries for 2-Chloroethyl vinyl ether are outside control limits in the MS/MSD. The Blank Spike was within limits. Data not adversely affected.

Volatiles by GCMS By Method SW846 8260B

Matrix: AQ **Batch ID:** VB949

All samples were analyzed within the recommended method holding time.

All method blanks for this batch meet method specific criteria.

Samples F24037-2MS, F24037-2MSD were used as the QC samples indicated.

Recoveries for 2-Chloroethyl vinyl ether are outside control limits in the MS/MSD. The Blank Spike was within limits. Data not adversely affected.

Extractables by GCMS By Method EPA 625

Matrix: AQ **Batch ID:** OP10481

All samples were extracted within the recommended method holding time.

All samples were analyzed within the recommended method holding time.

All method blanks for this batch meet method specific criteria.

Samples F24213-2MS, F24213-2MSD were used as the QC samples indicated.

All method blanks for this batch meet method specific criteria.

Recoveries for Benzo(a)anthracene, Butyl benzyl phthalate, Chrysene, Phenanthrene are outside control Limits in the MS/MSD. RPDs for 1,2,4-Trichlorobenzene, 1,2-Dichlorobenzene, 1,3-Dichlorobenzene, 1,4-Dichlorobenzene, 2,4-Dichlorophenol, 2-Chlorophenol, 2-Methylnaphthalene, 2-Methylphenol, 2-Nitrophenol, 3&4-Methylphenol, 4-Bromophenyl phenyl ether, 4-Chloro-3-methyl phenol, Anthracene, Benzyl Alcohol, bis(2-Chloroethoxy)methane, bis(2-Chloroethyl)ether, bis(2-Chloroisopropyl)ether, Carbazole, Dibenzofuran, Fluoranthene, Fluorene, Hexachlorobutadiene, Hexachloroethane, Isophorone, N-Nitroso-di-n-propylamine, Naphthalene, Nitrobenzene, Phenanthrene, Phenol are outside control limits in the MS/MSD. The Blank Spike was within limits. Data not adversely affected.

Metals By Method SW846 6010B

Matrix: AQ **Batch ID:** MP6705

All samples were analyzed within the recommended method holding time.

All method blanks for this batch meet method specific criteria.

All method blanks for this batch meet method specific criteria.

Samples F23913-7DUP, F23913-7MS, F23913-7MSD, F23913-7SDL were used as the QC samples for metals.

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

Narrative prepared by:

_____ Date: May 24, 2004

Sue O. Bell, Project Manager

Report of Analysis

Client Sample ID:	PIN20-TRTI-N001		
Lab Sample ID:	F24234-1	**Date Sampled:**	05/18/04
Matrix:	AQ - Ground Water	**Date Received:**	05/19/04
Method:	EPA 624	**Percent Solids:**	n/a
Project:	STAR Center- 4.5 Acre Site, Largo, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	C0023502.D	1	05/20/04	KW	n/a	n/a	VC1013
Run #2	C0023541.D	5	05/22/04	KW	n/a	n/a	VC1015

	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	1.0	1.0	ug/l	
67-66-3	Chloroform	188 [b]	5.0	2.5	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	0.78	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	0.68	1.0	0.50	ug/l	J
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.50	ug/l	
74-83-9	Methyl bromide	ND	1.0	1.0	ug/l	
74-87-3	Methyl chloride	ND	1.0	1.0	ug/l	
75-09-2	Methylene chloride	ND	1.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.50	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.30	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.50	ug/l	
127-18-4	Tetrachloroethylene	ND	1.0	0.50	ug/l	
108-88-3	Toluene	ND	1.0	0.50	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.50	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	PIN20-TRTI-N001		
Lab Sample ID:	F24234-1	**Date Sampled:**	05/18/04
Matrix:	AQ - Ground Water	**Date Received:**	05/19/04
Method:	EPA 624	**Percent Solids:**	n/a
Project:	STAR Center- 4.5 Acre Site, Largo, FL		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-69-4	Trichlorofluoromethane	ND	1.0	0.60	ug/l	
75-01-4	Vinyl chloride	3.3	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	108%	98%	86-115%
17060-07-0	1,2-Dichloroethane-D4	94%	95%	73-126%
2037-26-5	Toluene-D8	94%	103%	86-112%
460-00-4	4-Bromofluorobenzene	99%	100%	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:	PIN20-TRTI-N001		
Lab Sample ID:	F24234-1	**Date Sampled:**	05/18/04
Matrix:	AQ - Ground Water	**Date Received:**	05/19/04
		Percent Solids:	n/a
Project:	STAR Center- 4.5 Acre Site, Largo, FL		

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Iron	5610	300	48	ug/l	1	05/20/04	05/21/04	DM	SW846 6010B [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA3812
(2) Prep QC Batch: MP6705

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:	PIN20-TRTI-N001		
Lab Sample ID:	F24234-1	**Date Sampled:**	05/18/04
Matrix:	AQ - Ground Water	**Date Received:**	05/19/04
		Percent Solids:	n/a
Project:	STAR Center- 4.5 Acre Site, Largo, FL		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Hardness, Total as CaCO3	784	4.0	mg/l	1	05/24/04	DM	SW846 6010B/SM 2340B

RL = Reporting Limit

Report of Analysis

Client Sample ID:	PIN20-TRTE-N001		
Lab Sample ID:	F24234-2	**Date Sampled:**	05/18/04
Matrix:	AQ - Ground Water	**Date Received:**	05/19/04
Method:	EPA 624	**Percent Solids:**	n/a
Project:	STAR Center- 4.5 Acre Site, Largo, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	C0023503.D	1	05/20/04	KW	n/a	n/a	VC1013
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	1.0	1.0	ug/l	
67-66-3	Chloroform	6.6	1.0	0.50	ug/l	
110-75-8	2-Chloroethyl vinyl ether	ND	5.0	2.5	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.50	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.50	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.50	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.50	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.50	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.40	ug/l	
75-71-8	Dichlorodifluoromethane	ND	1.0	0.50	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	1.0	0.50	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.30	ug/l	
541-73-1	m-Dichlorobenzene	ND	1.0	0.50	ug/l	
95-50-1	o-Dichlorobenzene	ND	1.0	0.50	ug/l	
106-46-7	p-Dichlorobenzene	ND	1.0	0.50	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.50	ug/l	
74-83-9	Methyl bromide	ND	1.0	1.0	ug/l	
74-87-3	Methyl chloride	ND	1.0	1.0	ug/l	
75-09-2	Methylene chloride	ND	1.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.50	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.30	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.50	ug/l	
127-18-4	Tetrachloroethylene	ND	1.0	0.50	ug/l	
108-88-3	Toluene	ND	1.0	0.50	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.50	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	PIN20-TRTE-N001		
Lab Sample ID:	F24234-2	**Date Sampled:**	05/18/04
Matrix:	AQ - Ground Water	**Date Received:**	05/19/04
Method:	EPA 624	**Percent Solids:**	n/a
Project:	STAR Center- 4.5 Acre Site, Largo, FL		

VOA Special List

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

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	105%		86-115%
17060-07-0	1,2-Dichloroethane-D4	94%		73-126%
2037-26-5	Toluene-D8	95%		86-112%
460-00-4	4-Bromofluorobenzene	97%		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:	PIN20-TRTE-N001		
Lab Sample ID:	F24234-2	**Date Sampled:**	05/18/04
Matrix:	AQ - Ground Water	**Date Received:**	05/19/04
Method:	EPA 625 EPA 625	**Percent Solids:**	n/a
Project:	STAR Center- 4.5 Acre Site, Largo, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	W020077.D	1	05/20/04	ME	05/20/04	OP10481	SW1056
Run #2							

	Initial Volume	Final Volume
Run #1	960 ml	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic Acid	ND	26	16	ug/l	
95-57-8	2-Chlorophenol	ND	5.2	2.1	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	5.2	2.1	ug/l	
120-83-2	2,4-Dichlorophenol	ND	5.2	2.1	ug/l	
105-67-9	2,4-Dimethylphenol	ND	5.2	2.1	ug/l	
51-28-5	2,4-Dinitrophenol	ND	26	10	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	10	5.2	ug/l	
95-48-7	2-Methylphenol	ND	5.2	2.1	ug/l	
	3&4-Methylphenol	ND	5.2	2.1	ug/l	
88-75-5	2-Nitrophenol	ND	5.2	2.1	ug/l	
100-02-7	4-Nitrophenol	ND	26	10	ug/l	
87-86-5	Pentachlorophenol	ND	26	10	ug/l	
108-95-2	Phenol	ND	5.2	2.1	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	5.2	2.1	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	5.2	2.1	ug/l	
83-32-9	Acenaphthene	ND	5.2	1.0	ug/l	
208-96-8	Acenaphthylene	ND	5.2	1.0	ug/l	
120-12-7	Anthracene	ND	5.2	1.0	ug/l	
56-55-3	Benzo(a)anthracene	ND	5.2	1.0	ug/l	
50-32-8	Benzo(a)pyrene	ND	5.2	1.0	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	5.2	1.0	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	5.2	2.1	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	5.2	1.0	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	5.2	1.0	ug/l	
85-68-7	Butyl benzyl phthalate	ND	5.2	2.1	ug/l	
100-51-6	Benzyl Alcohol	ND	5.2	1.0	ug/l	
91-58-7	2-Chloronaphthalene	ND	5.2	1.0	ug/l	
106-47-8	4-Chloroaniline	ND	10	3.1	ug/l	
86-74-8	Carbazole	ND	5.2	1.0	ug/l	
218-01-9	Chrysene	ND	5.2	1.0	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	5.2	1.0	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	5.2	2.1	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	PIN20-TRTE-N001		
Lab Sample ID:	F24234-2	**Date Sampled:**	05/18/04
Matrix:	AQ - Ground Water	**Date Received:**	05/19/04
Method:	EPA 625 EPA 625	**Percent Solids:**	n/a
Project:	STAR Center- 4.5 Acre Site, Largo, FL		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
108-60-1	bis(2-Chloroisopropyl)ether	ND	5.2	1.0	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	5.2	1.0	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	5.2	1.0	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	5.2	1.0	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	5.2	1.0	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	5.2	2.1	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	5.2	2.1	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	10	5.2	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	5.2	2.1	ug/l	
132-64-9	Dibenzofuran	ND	5.2	1.0	ug/l	
84-74-2	Di-n-butyl phthalate	ND	5.2	2.1	ug/l	
117-84-0	Di-n-octyl phthalate	ND	5.2	2.6	ug/l	
84-66-2	Diethyl phthalate	ND	5.2	2.1	ug/l	
131-11-3	Dimethyl phthalate	ND	5.2	2.1	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	5.2	2.6	ug/l	
206-44-0	Fluoranthene	ND	5.2	1.0	ug/l	
86-73-7	Fluorene	ND	5.2	1.0	ug/l	
118-74-1	Hexachlorobenzene	ND	5.2	1.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.2	2.1	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	5.2	2.1	ug/l	
67-72-1	Hexachloroethane	ND	5.2	2.1	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	5.2	2.1	ug/l	
78-59-1	Isophorone	ND	5.2	1.0	ug/l	
91-57-6	2-Methylnaphthalene	ND	5.2	1.0	ug/l	
88-74-4	2-Nitroaniline	ND	5.2	2.1	ug/l	
99-09-2	3-Nitroaniline	ND	5.2	2.1	ug/l	
100-01-6	4-Nitroaniline	ND	5.2	2.1	ug/l	
91-20-3	Naphthalene	ND	5.2	1.0	ug/l	
98-95-3	Nitrobenzene	ND	5.2	1.0	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	5.2	2.1	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	5.2	2.1	ug/l	
85-01-8	Phenanthrene	ND	5.2	1.0	ug/l	
129-00-0	Pyrene	ND	5.2	1.0	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.2	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	42%		19-90%
4165-62-2	Phenol-d5	26%		10-68%
118-79-6	2,4,6-Tribromophenol	75%		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:	PIN20-TRTE-N001		
Lab Sample ID:	F24234-2	**Date Sampled:**	05/18/04
Matrix:	AQ - Ground Water	**Date Received:**	05/19/04
Method:	EPA 625 EPA 625	**Percent Solids:**	n/a
Project:	STAR Center- 4.5 Acre Site, Largo, FL		

ABN TCL List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	74%		49-119%
321-60-8	2-Fluorobiphenyl	72%		45-118%
1718-51-0	Terphenyl-d14	75%		46-135%

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

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

Report of Analysis

Client Sample ID:	PIN20-TRTE-N001		
Lab Sample ID:	F24234-2	**Date Sampled:**	05/18/04
Matrix:	AQ - Ground Water	**Date Received:**	05/19/04
		Percent Solids:	n/a
Project:	STAR Center- 4.5 Acre Site, Largo, FL		

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Iron	5620	300	48	ug/l	1	05/20/04	05/21/04	DM	SW846 6010B [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA3812
(2) Prep QC Batch: MP6705

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:	PIN20-TRTE-N001		
Lab Sample ID:	F24234-2	**Date Sampled:**	05/18/04
Matrix:	AQ - Ground Water	**Date Received:**	05/19/04
		Percent Solids:	n/a
Project:	STAR Center- 4.5 Acre Site, Largo, FL		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Hardness, Total as CaCO3	760	4.0	mg/l	1	05/24/04	DM	SW846 6010B/SM 2340B

RL = Reporting Limit

Report of Analysis

Client Sample ID:	PIN20-RW01-N001		
Lab Sample ID:	F24234-3	**Date Sampled:**	05/18/04
Matrix:	AQ - Ground Water	**Date Received:**	05/19/04
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	STAR Center- 4.5 Acre Site, Largo, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	B021886.D	1	05/20/04	KW	n/a	n/a	VB949
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	1.0	1.0	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
110-75-8	2-Chloroethyl vinyl ether	ND	5.0	2.5	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.50	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.50	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.50	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.50	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.50	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.40	ug/l	
75-71-8	Dichlorodifluoromethane	ND	1.0	0.50	ug/l	
156-59-2	cis-1,2-Dichloroethylene	1.7	1.0	0.50	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.30	ug/l	
541-73-1	m-Dichlorobenzene	ND	1.0	0.50	ug/l	
95-50-1	o-Dichlorobenzene	ND	1.0	0.50	ug/l	
106-46-7	p-Dichlorobenzene	ND	1.0	0.50	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.50	ug/l	
74-83-9	Methyl bromide	ND	1.0	1.0	ug/l	
74-87-3	Methyl chloride	ND	1.0	1.0	ug/l	
75-09-2	Methylene chloride	ND	1.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.50	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.30	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.50	ug/l	
127-18-4	Tetrachloroethylene	ND	1.0	0.50	ug/l	
108-88-3	Toluene	ND	1.0	0.50	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.50	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	PIN20-RW01-N001		
Lab Sample ID:	F24234-3	**Date Sampled:**	05/18/04
Matrix:	AQ - Ground Water	**Date Received:**	05/19/04
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	STAR Center- 4.5 Acre Site, Largo, FL		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-69-4	Trichlorofluoromethane	ND	1.0	0.60	ug/l	
75-01-4	Vinyl chloride	6.4	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	98%		86-115%
17060-07-0	1,2-Dichloroethane-D4	90%		73-126%
2037-26-5	Toluene-D8	100%		86-112%
460-00-4	4-Bromofluorobenzene	105%		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:	PIN20-RW02-N001		
Lab Sample ID:	F24234-4	**Date Sampled:**	05/18/04
Matrix:	AQ - Ground Water	**Date Received:**	05/19/04
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	STAR Center- 4.5 Acre Site, Largo, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	B021887.D	1	05/21/04	KW	n/a	n/a	VB949
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	1.0	1.0	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
110-75-8	2-Chloroethyl vinyl ether	ND	5.0	2.5	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.50	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.50	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.50	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.50	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.50	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.40	ug/l	
75-71-8	Dichlorodifluoromethane	ND	1.0	0.50	ug/l	
156-59-2	cis-1,2-Dichloroethylene	0.70	1.0	0.50	ug/l	J
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.30	ug/l	
541-73-1	m-Dichlorobenzene	ND	1.0	0.50	ug/l	
95-50-1	o-Dichlorobenzene	ND	1.0	0.50	ug/l	
106-46-7	p-Dichlorobenzene	ND	1.0	0.50	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.50	ug/l	
74-83-9	Methyl bromide	ND	1.0	1.0	ug/l	
74-87-3	Methyl chloride	ND	1.0	1.0	ug/l	
75-09-2	Methylene chloride	ND	1.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.50	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.30	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.50	ug/l	
127-18-4	Tetrachloroethylene	ND	1.0	0.50	ug/l	
108-88-3	Toluene	ND	1.0	0.50	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.50	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	PIN20-RW02-N001		
Lab Sample ID:	F24234-4	**Date Sampled:**	05/18/04
Matrix:	AQ - Ground Water	**Date Received:**	05/19/04
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	STAR Center- 4.5 Acre Site, Largo, FL		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-69-4	Trichlorofluoromethane	ND	1.0	0.60	ug/l	
75-01-4	Vinyl chloride	3.6	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	97%		86-115%
17060-07-0	1,2-Dichloroethane-D4	88%		73-126%
2037-26-5	Toluene-D8	101%		86-112%
460-00-4	4-Bromofluorobenzene	106%		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:	PIN20-RW03-N001		
Lab Sample ID:	F24234-5	**Date Sampled:**	05/18/04
Matrix:	AQ - Ground Water	**Date Received:**	05/19/04
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	STAR Center- 4.5 Acre Site, Largo, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	B021888.D	1	05/21/04	KW	n/a	n/a	VB949
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	1.0	1.0	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
110-75-8	2-Chloroethyl vinyl ether	ND	5.0	2.5	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.50	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.50	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.50	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.50	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.50	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.40	ug/l	
75-71-8	Dichlorodifluoromethane	ND	1.0	0.50	ug/l	
156-59-2	cis-1,2-Dichloroethylene	0.72	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	3.6	1.0	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.50	ug/l	
74-83-9	Methyl bromide	ND	1.0	1.0	ug/l	
74-87-3	Methyl chloride	ND	1.0	1.0	ug/l	
75-09-2	Methylene chloride	ND	1.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.50	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.30	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.50	ug/l	
127-18-4	Tetrachloroethylene	ND	1.0	0.50	ug/l	
108-88-3	Toluene	ND	1.0	0.50	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.50	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	PIN20-RW03-N001		
Lab Sample ID:	F24234-5	**Date Sampled:**	05/18/04
Matrix:	AQ - Ground Water	**Date Received:**	05/19/04
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	STAR Center- 4.5 Acre Site, Largo, FL		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-69-4	Trichlorofluoromethane	ND	1.0	0.60	ug/l	
75-01-4	Vinyl chloride	16.2	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	97%		86-115%
17060-07-0	1,2-Dichloroethane-D4	88%		73-126%
2037-26-5	Toluene-D8	101%		86-112%
460-00-4	4-Bromofluorobenzene	105%		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

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 #: F24234 ~~F24236~~
ACCUTEST QUOTE #: 01-INT 5/19/04

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 - 4.5 Acre startup
LOCATION: Largo, FL
PROJECT NO.: 11040620Z
FAX #:

ANALYTICAL INFORMATION

VOCs - 8260
VOCs - 624
SVOCs - 625
Fe + Hardness

MATRIX CODE

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

ACCUTEST SAMPLE #	FIELD ID / POINT OF COLLECTION	COLLECTION DATE	COLLECTION TIME	SAMPLED BY:	MATRIX	# OF BOTTLES	PRESERVATION HCl	PRESERVATION NaOH	PRESERVATION HNO3	PRESERVATION H2SO4	PRESERVATION NONE	VOCs - 8260	VOCs - 624	SVOCs - 625	Fe + Hardness	LAB USE ONLY
1	PIN20-TRTI-N001	5-18-04	1018	JWW	GW	4	3		1				3		1	
2	PIN20-TRTE-N001		1008			6	3		1		2		3	2	1	
3	PIN20-RW01-N001		0942			3	3					3				
4	PIN20-RW02-N001		0948			3	3					3				
5	PIN20-RW03-N001		0954			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

Week 3 of 4

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

RELINQUISHED BY SAMPLER:	DATE TIME:	RECEIVED BY:	RELINQUISHED BY:	DATE TIME:	RECEIVED BY:
1.	5-18-04 1330	1.	2. 5/18/04	16:45	2. 5/18/04 8:00
RELINQUISHED BY:	DATE TIME:	RECEIVED BY:	RELINQUISHED BY:	DATE TIME:	RECEIVED BY:
3.		3.	4.		4.
RELINQUISHED BY:	DATE TIME:	RECEIVED BY:	SEAL #	PRESERVE WHERE APPLICABLE ☐	ON ICE ☐	TEMPERATURE 2.2
5.		5.				

F24234: Chain of Custody
Page 1 of 2

ACCUTEST LABORATORIES SOUTHEAST SAMPLE RECEIPT CONFIRMATION

Accutest's Job Number: F24234

Client: S.M. Stoller Project: Star Center - 4.5 Acre

Date Received: 5/19/04 Time Received: 8:00

# of Coolers Received: 1 Cooler Temperatures: 3.2

Delivery Method: FedEx UPS (Accutest Courier) Greyhound Delivery Other

Air Bill Number:

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

Summary of Comments:

Signature: Date: 5/19/04

Review Signature:

ASBD 12/30/03

F24234: Chain of Custody
Page 2 of 2

Southeast ACCUTEST Laboratories

07/19/04

Technical Report for

S M Stoller

STAR Center- 4.5 Acre Site, Largo, FL

110406202

Accutest Job Number: F24381

Sampling Date: 05/25/04

Report to:

S M Stoller

Cathy.Kelleher@gjo.doe.gov

ATTN: Cathy Kelleher

Total number of pages in report: 25

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

Sections: 1 2 3 4

Table of Contents

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Sample Summary

S M Stoller

Job No: F24381

STAR Center- 4.5 Acre Site, Largo, FL
Project No: 110406202

Sample Number	Collected Date	Time	By	Received	Matrix Code	Matrix Type	Client Sample ID
F24381-1	05/25/04	10:55	JPC	05/25/04	AQ	Ground Water	PIN20-TRTI-N001
F24381-2	05/25/04	11:00	JPC	05/25/04	AQ	Ground Water	PIN20-TRTE-N001
F24381-3	05/25/04	10:45	JPC	05/25/04	AQ	Ground Water	PIN20-RW01-N001
F24381-4	05/25/04	10:48	JPC	05/25/04	AQ	Ground Water	PIN20-RW02-N001
F24381-5	05/25/04	10:50	JPC	05/25/04	AQ	Ground Water	PIN20-RW03-N001

SAMPLE DELIVERY GROUP CASE NARRATIVE

Client: S M Stoller **Job No:** F24381

Site: STAR Center- 4.5 Acre Site, Largo, FL **Report Date** 6/11/2004

5 Sample were collected on 05/25/2004 and were received at Accutest on 05/25/2004 properly preserved, at 1.2 Deg. C and intact. These Samples received an Accutest job number of F24381.A listing of the Laboratory Sample ID, Client Sample ID and dates of collection are presented in the Results Summary Section of this report.
Volatile samples treated with a foaming agent are footnoted accordingly.

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:** VB965

All samples were analyzed within the recommended method holding time.

Samples F24381-1MS, F24381-1MSD were used as the QC samples indicated.

All method blanks for this batch meet method specific criteria.

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

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

Matrix: AQ **Batch ID:** VC1027

All samples were analyzed within the recommended method holding time.

Samples F24474-1MS, F24474-1MSD were used as the QC samples indicated.

All method blanks for this batch meet method specific criteria.

Recoveries for 2-Chloroethyl vinyl ether are outside control limits in the MS/MSD. The Blank Spike was within limits. Data not adversely affected.

Volatiles by GCMS By Method SW846 8260B

Matrix: AQ **Batch ID:** VB963

All samples were analyzed within the recommended method holding time.

Samples F24324-8MS, F24324-8MSD were used as the QC samples indicated.

All method blanks for this batch meet method specific criteria.

Recoveries for 2-Chloroethyl vinyl ether, Bromoform are outside control limits in the MS/MSD. The Blank Spike was within limits. Data not adversely affected.

Extractables by GCMS By Method EPA 625

Matrix: AQ **Batch ID:** OP10558

All samples were analyzed within the recommended method holding time.

All samples were extracted within the recommended method holding time.

All method blanks for this batch meet method specific criteria.

Samples F24381-2MS, F24381-2MSD were used as the QC samples indicated.

Recoveries for 2,4,6-Trichlorophenol, Benzo(a)anthracene, Chrysene, Phenanthrene, Pyrene are outside control limits in the MS/MSD. The Blank Spike was within limits. Data not adversely affected.

Metals By Method SW846 6010B

Matrix: AQ **Batch ID:** MP6746

All samples were analyzed within the recommended method holding time.

All method blanks for this batch meet method specific criteria.

Samples F24497-2DUP, F24497-2MS, F24497-2MSD, F24497-2SDL were used as the QC samples for metals.

RPD for Serial Dilution for Iron is outside control limits. The Blank Spike was within limits. Data not adversely affected.

Accutest Laboratories Southeast (ALSE) certifies that this report meets the project requirements for analytical data produced for the samples as received at ALSE and as stated on the COC. ALSE certifies that the data meets the Data 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 14, 2004

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

Report of Analysis

Client Sample ID:	PIN20-TRTI-N001		
Lab Sample ID:	F24381-1	**Date Sampled:**	05/25/04
Matrix:	AQ - Ground Water	**Date Received:**	05/25/04
Method:	EPA 624	**Percent Solids:**	n/a
Project:	STAR Center- 4.5 Acre Site, Largo, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	C0023827.D	1	06/03/04	KW	n/a	n/a	VC1027
Run #2	B022246.D	50	06/03/04	KW	n/a	n/a	VB965

	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	0.61	1.0	0.50	ug/l	J
75-25-2	Bromoform	ND	1.0	0.50	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.50	ug/l	
75-00-3	Chloroethane	ND	1.0	1.0	ug/l	
67-66-3	Chloroform	2460 [b]	50	25	ug/l	
110-75-8	2-Chloroethyl vinyl ether	ND	5.0	2.5	ug/l	
56-23-5	Carbon tetrachloride	0.59	1.0	0.50	ug/l	J
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	0.72	1.0	0.50	ug/l	J
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.30	ug/l	
541-73-1	m-Dichlorobenzene	ND	1.0	0.50	ug/l	
95-50-1	o-Dichlorobenzene	ND	1.0	0.50	ug/l	
106-46-7	p-Dichlorobenzene	ND	1.0	0.50	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.50	ug/l	
74-83-9	Methyl bromide	ND	1.0	1.0	ug/l	
74-87-3	Methyl chloride	ND	1.0	1.0	ug/l	
75-09-2	Methylene chloride	ND	1.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.50	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.30	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.50	ug/l	
127-18-4	Tetrachloroethylene	ND	1.0	0.50	ug/l	
108-88-3	Toluene	ND	1.0	0.50	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.50	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	PIN20-TRTI-N001		
Lab Sample ID:	F24381-1	**Date Sampled:**	05/25/04
Matrix:	AQ - Ground Water	**Date Received:**	05/25/04
Method:	EPA 624	**Percent Solids:**	n/a
Project:	STAR Center- 4.5 Acre Site, Largo, FL		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-69-4	Trichlorofluoromethane	ND	1.0	0.60	ug/l	
75-01-4	Vinyl chloride	4.5	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%	96%	86-115%
17060-07-0	1,2-Dichloroethane-D4	94%	88%	73-126%
2037-26-5	Toluene-D8	104%	103%	86-112%
460-00-4	4-Bromofluorobenzene	95%	107%	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:	PIN20-TRTI-N001		
Lab Sample ID:	F24381-1	**Date Sampled:**	05/25/04
Matrix:	AQ - Ground Water	**Date Received:**	05/25/04
		Percent Solids:	n/a
Project:	STAR Center- 4.5 Acre Site, Largo, FL		

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Iron	5860	300	48	ug/l	1	06/03/04	06/04/04	DM	SW846 6010B [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA3831
(2) Prep QC Batch: MP6746

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:	PIN20-TRTI-N001		
Lab Sample ID:	F24381-1	**Date Sampled:**	05/25/04
Matrix:	AQ - Ground Water	**Date Received:**	05/25/04
		Percent Solids:	n/a
Project:	STAR Center- 4.5 Acre Site, Largo, FL		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Hardness, Total as CaCO3	779	4.0	mg/l	1	06/07/04	DM	SW846 6010B/SM 2340B

RL = Reporting Limit

Report of Analysis

Client Sample ID:	PIN20-TRTE-N001		
Lab Sample ID:	F24381-2	**Date Sampled:**	05/25/04
Matrix:	AQ - Ground Water	**Date Received:**	05/25/04
Method:	EPA 624	**Percent Solids:**	n/a
Project:	STAR Center- 4.5 Acre Site, Largo, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	B022249.D	1	06/03/04	KW	n/a	n/a	VB965
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	1.0	1.0	ug/l	
67-66-3	Chloroform	13.6	1.0	0.50	ug/l	
110-75-8	2-Chloroethyl vinyl ether	ND	5.0	2.5	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.50	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.50	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.50	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.50	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.50	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.40	ug/l	
75-71-8	Dichlorodifluoromethane	ND	1.0	0.50	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	1.0	0.50	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.30	ug/l	
541-73-1	m-Dichlorobenzene	ND	1.0	0.50	ug/l	
95-50-1	o-Dichlorobenzene	ND	1.0	0.50	ug/l	
106-46-7	p-Dichlorobenzene	ND	1.0	0.50	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.50	ug/l	
74-83-9	Methyl bromide	ND	1.0	1.0	ug/l	
74-87-3	Methyl chloride	ND	1.0	1.0	ug/l	
75-09-2	Methylene chloride	ND	1.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.50	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.30	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.50	ug/l	
127-18-4	Tetrachloroethylene	ND	1.0	0.50	ug/l	
108-88-3	Toluene	ND	1.0	0.50	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.50	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	PIN20-TRTE-N001		
Lab Sample ID:	F24381-2	**Date Sampled:**	05/25/04
Matrix:	AQ - Ground Water	**Date Received:**	05/25/04
Method:	EPA 624	**Percent Solids:**	n/a
Project:	STAR Center- 4.5 Acre Site, Largo, FL		

VOA Special List

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

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	96%		86-115%
17060-07-0	1,2-Dichloroethane-D4	87%		73-126%
2037-26-5	Toluene-D8	101%		86-112%
460-00-4	4-Bromofluorobenzene	108%		83-119%

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

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	PIN20-TRTE-N001		
Lab Sample ID:	F24381-2	**Date Sampled:**	05/25/04
Matrix:	AQ - Ground Water	**Date Received:**	05/25/04
Method:	EPA 625 EPA 625	**Percent Solids:**	n/a
Project:	STAR Center- 4.5 Acre Site, Largo, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L021729.D	1	06/03/04	ME	06/01/04	OP10558	SL1168
Run #2							

	Initial Volume	Final Volume
Run #1	960 ml	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic Acid	ND	26	16	ug/l	
95-57-8	2-Chlorophenol	ND	5.2	2.1	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	5.2	2.1	ug/l	
120-83-2	2,4-Dichlorophenol	ND	5.2	2.1	ug/l	
105-67-9	2,4-Dimethylphenol	ND	5.2	2.1	ug/l	
51-28-5	2,4-Dinitrophenol	ND	26	10	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	10	5.2	ug/l	
95-48-7	2-Methylphenol	ND	5.2	2.1	ug/l	
	3&4-Methylphenol	ND	5.2	2.1	ug/l	
88-75-5	2-Nitrophenol	ND	5.2	2.1	ug/l	
100-02-7	4-Nitrophenol	ND	26	10	ug/l	
87-86-5	Pentachlorophenol	ND	26	10	ug/l	
108-95-2	Phenol	ND	5.2	2.1	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	5.2	2.1	ug/l	
88-06-2	2,4,6-Trichlorophenol	26.4	5.2	2.1	ug/l	
83-32-9	Acenaphthene	ND	5.2	1.0	ug/l	
208-96-8	Acenaphthylene	ND	5.2	1.0	ug/l	
120-12-7	Anthracene	ND	5.2	1.0	ug/l	
56-55-3	Benzo(a)anthracene	ND	5.2	1.0	ug/l	
50-32-8	Benzo(a)pyrene	ND	5.2	1.0	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	5.2	1.0	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	5.2	2.1	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	5.2	1.0	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	5.2	1.0	ug/l	
85-68-7	Butyl benzyl phthalate	ND	5.2	2.1	ug/l	
100-51-6	Benzyl Alcohol	ND	5.2	1.0	ug/l	
91-58-7	2-Chloronaphthalene	ND	5.2	1.0	ug/l	
106-47-8	4-Chloroaniline	ND	10	3.1	ug/l	
86-74-8	Carbazole	ND	5.2	1.0	ug/l	
218-01-9	Chrysene	ND	5.2	1.0	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	5.2	1.0	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	5.2	2.1	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	PIN20-TRTE-N001		
Lab Sample ID:	F24381-2	**Date Sampled:**	05/25/04
Matrix:	AQ - Ground Water	**Date Received:**	05/25/04
Method:	EPA 625 EPA 625	**Percent Solids:**	n/a
Project:	STAR Center- 4.5 Acre Site, Largo, FL		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
108-60-1	bis(2-Chloroisopropyl)ether	ND	5.2	1.0	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	5.2	1.0	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	5.2	1.0	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	5.2	1.0	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	5.2	1.0	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	5.2	2.1	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	5.2	2.1	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	10	5.2	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	5.2	2.1	ug/l	
132-64-9	Dibenzofuran	ND	5.2	1.0	ug/l	
84-74-2	Di-n-butyl phthalate	ND	5.2	2.1	ug/l	
117-84-0	Di-n-octyl phthalate	ND	5.2	2.6	ug/l	
84-66-2	Diethyl phthalate	ND	5.2	2.1	ug/l	
131-11-3	Dimethyl phthalate	ND	5.2	2.1	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	5.2	2.6	ug/l	
206-44-0	Fluoranthene	ND	5.2	1.0	ug/l	
86-73-7	Fluorene	ND	5.2	1.0	ug/l	
118-74-1	Hexachlorobenzene	ND	5.2	1.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.2	2.1	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	5.2	2.1	ug/l	
67-72-1	Hexachloroethane	ND	5.2	2.1	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	5.2	2.1	ug/l	
78-59-1	Isophorone	ND	5.2	1.0	ug/l	
91-57-6	2-Methylnaphthalene	ND	5.2	1.0	ug/l	
88-74-4	2-Nitroaniline	ND	5.2	2.1	ug/l	
99-09-2	3-Nitroaniline	ND	5.2	2.1	ug/l	
100-01-6	4-Nitroaniline	ND	5.2	2.1	ug/l	
91-20-3	Naphthalene	ND	5.2	1.0	ug/l	
98-95-3	Nitrobenzene	ND	5.2	1.0	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	5.2	2.1	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	5.2	2.1	ug/l	
85-01-8	Phenanthrene	ND	5.2	1.0	ug/l	
129-00-0	Pyrene	ND	5.2	1.0	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.2	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	53%		19-90%
4165-62-2	Phenol-d5	35%		10-68%
118-79-6	2,4,6-Tribromophenol	92%		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:	PIN20-TRTE-N001		
Lab Sample ID:	F24381-2	**Date Sampled:**	05/25/04
Matrix:	AQ - Ground Water	**Date Received:**	05/25/04
Method:	EPA 625 EPA 625	**Percent Solids:**	n/a
Project:	STAR Center- 4.5 Acre Site, Largo, FL		

ABN TCL List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	85%		49-119%
321-60-8	2-Fluorobiphenyl	86%		45-118%
1718-51-0	Terphenyl-d14	88%		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:	PIN20-TRTE-N001		
Lab Sample ID:	F24381-2	**Date Sampled:**	05/25/04
Matrix:	AQ - Ground Water	**Date Received:**	05/25/04
		Percent Solids:	n/a
Project:	STAR Center- 4.5 Acre Site, Largo, FL		

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Iron	5570	300	48	ug/l	1	06/03/04	06/04/04	DM	SW846 6010B [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA3831
(2) Prep QC Batch: MP6746

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:	PIN20-TRTE-N001		
Lab Sample ID:	F24381-2	**Date Sampled:**	05/25/04
Matrix:	AQ - Ground Water	**Date Received:**	05/25/04
		Percent Solids:	n/a
Project:	STAR Center- 4.5 Acre Site, Largo, FL		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Hardness, Total as CaCO3	749	4.0	mg/l	1	06/07/04	DM	SW846 6010B/SM 2340B

RL = Reporting Limit

Report of Analysis

Client Sample ID:	PIN20-RW01-N001		
Lab Sample ID:	F24381-3	**Date Sampled:**	05/25/04
Matrix:	AQ - Ground Water	**Date Received:**	05/25/04
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	STAR Center- 4.5 Acre Site, Largo, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	B022207.D	1	06/02/04	KW	n/a	n/a	VB963
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	1.0	1.0	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
110-75-8	2-Chloroethyl vinyl ether	ND	5.0	2.5	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.50	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.50	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.50	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.50	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.50	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.40	ug/l	
75-71-8	Dichlorodifluoromethane	ND	1.0	0.50	ug/l	
156-59-2	cis-1,2-Dichloroethylene	1.9	1.0	0.50	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.30	ug/l	
541-73-1	m-Dichlorobenzene	ND	1.0	0.50	ug/l	
95-50-1	o-Dichlorobenzene	ND	1.0	0.50	ug/l	
106-46-7	p-Dichlorobenzene	ND	1.0	0.50	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.50	ug/l	
74-83-9	Methyl bromide	ND	1.0	1.0	ug/l	
74-87-3	Methyl chloride	ND	1.0	1.0	ug/l	
75-09-2	Methylene chloride	ND	1.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.50	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.30	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.50	ug/l	
127-18-4	Tetrachloroethylene	ND	1.0	0.50	ug/l	
108-88-3	Toluene	ND	1.0	0.50	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.50	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	PIN20-RW01-N001		
Lab Sample ID:	F24381-3	**Date Sampled:**	05/25/04
Matrix:	AQ - Ground Water	**Date Received:**	05/25/04
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	STAR Center- 4.5 Acre Site, Largo, FL		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-69-4	Trichlorofluoromethane	ND	1.0	0.60	ug/l	
75-01-4	Vinyl chloride	7.0	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	96%		86-115%
17060-07-0	1,2-Dichloroethane-D4	86%		73-126%
2037-26-5	Toluene-D8	101%		86-112%
460-00-4	4-Bromofluorobenzene	108%		83-119%

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

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	PIN20-RW02-N001		
Lab Sample ID:	F24381-4	**Date Sampled:**	05/25/04
Matrix:	AQ - Ground Water	**Date Received:**	05/25/04
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	STAR Center- 4.5 Acre Site, Largo, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	B022208.D	1	06/02/04	KW	n/a	n/a	VB963
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	1.0	1.0	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
110-75-8	2-Chloroethyl vinyl ether	ND	5.0	2.5	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.50	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.50	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.50	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.50	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.50	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.40	ug/l	
75-71-8	Dichlorodifluoromethane	ND	1.0	0.50	ug/l	
156-59-2	cis-1,2-Dichloroethylene	0.74	1.0	0.50	ug/l	J
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.30	ug/l	
541-73-1	m-Dichlorobenzene	ND	1.0	0.50	ug/l	
95-50-1	o-Dichlorobenzene	ND	1.0	0.50	ug/l	
106-46-7	p-Dichlorobenzene	ND	1.0	0.50	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.50	ug/l	
74-83-9	Methyl bromide	ND	1.0	1.0	ug/l	
74-87-3	Methyl chloride	ND	1.0	1.0	ug/l	
75-09-2	Methylene chloride	ND	1.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.50	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.30	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.50	ug/l	
127-18-4	Tetrachloroethylene	ND	1.0	0.50	ug/l	
108-88-3	Toluene	ND	1.0	0.50	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.50	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	PIN20-RW02-N001		
Lab Sample ID:	F24381-4	**Date Sampled:**	05/25/04
Matrix:	AQ - Ground Water	**Date Received:**	05/25/04
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	STAR Center- 4.5 Acre Site, Largo, FL		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-69-4	Trichlorofluoromethane	ND	1.0	0.60	ug/l	
75-01-4	Vinyl chloride	5.1	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	96%		86-115%
17060-07-0	1,2-Dichloroethane-D4	88%		73-126%
2037-26-5	Toluene-D8	103%		86-112%
460-00-4	4-Bromofluorobenzene	108%		83-119%

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

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	PIN20-RW03-N001		
Lab Sample ID:	F24381-5	**Date Sampled:**	05/25/04
Matrix:	AQ - Ground Water	**Date Received:**	05/25/04
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	STAR Center- 4.5 Acre Site, Largo, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	B022209.D	1	06/02/04	KW	n/a	n/a	VB963
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	1.0	1.0	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
110-75-8	2-Chloroethyl vinyl ether	ND	5.0	2.5	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.50	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.50	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.50	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.50	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.50	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.40	ug/l	
75-71-8	Dichlorodifluoromethane	ND	1.0	0.50	ug/l	
156-59-2	cis-1,2-Dichloroethylene	0.69	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	2.5	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	1.0	1.0	ug/l	
74-87-3	Methyl chloride	ND	1.0	1.0	ug/l	
75-09-2	Methylene chloride	ND	1.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.50	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.30	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.50	ug/l	
127-18-4	Tetrachloroethylene	ND	1.0	0.50	ug/l	
108-88-3	Toluene	ND	1.0	0.50	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.50	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	PIN20-RW03-N001		
Lab Sample ID:	F24381-5	**Date Sampled:**	05/25/04
Matrix:	AQ - Ground Water	**Date Received:**	05/25/04
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	STAR Center- 4.5 Acre Site, Largo, FL		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-69-4	Trichlorofluoromethane	ND	1.0	0.60	ug/l	
75-01-4	Vinyl chloride	12.5	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	95%		86-115%
17060-07-0	1,2-Dichloroethane-D4	87%		73-126%
2037-26-5	Toluene-D8	103%		86-112%
460-00-4	4-Bromofluorobenzene	106%		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

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

CHAIN OF CUSTODY

ACCUTEST

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

ACCUTEST JOB #:
ACCUTEST QUOTE #: F24381

CLIENT INFORMATION

NAME: B.M. Stoller
ADDRESS: 7887 Bryan Dairy Rd
CITY: Largo STATE: FL ZIP: 33777
SEND REPORT TO:
PHONE #: 727-541-8103

FACILITY INFORMATION

PROJECT NAME: STAR Center - 4.5 Acre Startup Sampling
LOCATION: Largo, FL
PROJECT NO.: 110406202
FAX #:

ANALYTICAL INFORMATION

VOCs - 624
SVOCs - 625
Iron + Hardness
VOCs - 8260

MATRIX CODES

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

ACCUTEST SAMPLE #	FIELD ID / POINT OF COLLECTION	COLLECTION DATE	COLLECTION TIME	SAMPLED BY:	MATRIX	# OF BOTTLES	PRESERVATION HCl	PRESERVATION NaOH	PRESERVATION HNO3	PRESERVATION H2SO4	PRESERVATION NONE	VOCs - 624	SVOCs - 625	Iron + Hardness	VOCs - 8260	LAB USE ONLY
1	PIN30-TRTI-N001	5/25/04	1055	JPC	GW	4	✓		✓			✓	✓	✓		
2	PIN30-TRTE-N001		1100			6	✓				✓	✓	✓	✓		
3	PIN30-RW01-N001		1045			3									✓	
4	PIN30-RW02-N001		1048			3									✓	
5	PIN30-RW03-N001		1050			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

Week 4 of 4

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.	5-25-04 / 1446	1.	2.	19:40	2.
RELINQUISHED BY: 3.	DATE TIME:	RECEIVED BY: 3.	RELINQUISHED BY: 4.	DATE TIME:	RECEIVED BY: 4.
RELINQUISHED BY: 5.	DATE TIME:	RECEIVED BY: 5.	SEAL #	PRESERVE WHERE APPLICABLE ☐	ON ICE ☐ TEMPERATURE 1.2° C

F24381: Chain of Custody
Page 1 of 2

ACCUTEST LABORATORIES SOUTHEAST SAMPLE RECEIPT CONFIRMATION

Accutest's Job Number: F24381

Client: S.M. Stoller **Project:** STAR Center - 4.5 Acre Startup Sampling

Date Received: 5/25/04 **Time Received:** 19:40

# of Coolers Received: 1 **Cooler Temperatures:** 1.2°C

Delivery Method: FedEx UPS (Accutest Courier) Greyhound Delivery Other

Air Bill Number:

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

Number of Encores ? Ø

Number of Soil Field Kits ? Ø

Summary of Comments: 1 625 bottle received for samples 1+2. COC does not have 625 analysis for sample 1. According to times Both Bottles Belong to #2

Signature: Jeff Mitchell **Date:** 5/25/04

Review Signature:

ASBD 12/30/03

F24381: Chain of Custody
Page 2 of 2

Southeast ACCUTEST Laboratories

07/19/04

Technical Report for

S M Stoller

STAR Center- 4.5 Acre Site, Largo, FL

110406202

Accutest Job Number: F24498

Sampling Date: 06/01/04

Report to:

S M Stoller

Cathy.Kelleher@gjo.doe.gov

ATTN: Cathy Kelleher

Total number of pages in report: 25

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

Sections: 1 2 3 4

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Sample Summary

S M Stoller

Job No: F24498

STAR Center- 4.5 Acre Site, Largo, FL
Project No: 110406202

Sample Number	Collected Date	Time	By	Received	Matrix Code	Matrix Type	Client Sample ID
F24498-1	06/01/04	11:01	JPC	06/01/04	AQ	Ground Water	PIN20-RW01-N001
F24498-2	06/01/04	11:03	JPC	06/01/04	AQ	Ground Water	PIN20-RW02-N001
F24498-3	06/01/04	11:06	JPC	06/01/04	AQ	Ground Water	PIN20-RW03-N001
F24498-4	06/01/04	11:08	JPC	06/01/04	AQ	Ground Water	PIN20-TRTI-N001
F24498-5	06/01/04	11:10	JPC	06/01/04	AQ	Ground Water	PIN20-TRTE-N001

SAMPLE DELIVERY GROUP CASE NARRATIVE

Client: S M Stoller **Job No:** F24498

Site: STAR Center- 4.5 Acre Site, Largo, FL **Report Date** 6/16/2004

5 Samples were collected on 06/01/2004 and were received at Accutest on 06/01/2004 properly preserved, at 3.6 Deg. C and intact. These Samples received an Accutest job number of F24498.A listing of the Laboratory Sample ID, Client Sample ID and dates of collection are presented in the Results Summary Section of this report.
Volatile samples treated with a foaming agent are footnoted accordingly.

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:** VB965

All samples were analyzed within the recommended method holding time.

Samples F24381-1MS, F24381-1MSD were used as the QC samples indicated.

All method blanks for this batch meet method specific criteria.

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

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

Matrix: AQ **Batch ID:** VC1027

All samples were analyzed within the recommended method holding time.

Samples F24474-1MS, F24474-1MSD were used as the QC samples indicated.

All method blanks for this batch meet method specific criteria.

Recoveries for 2-Chloroethyl vinyl ether are outside control limits. The Blank Spike was within limits. Data not adversely affected.

Volatiles by GCMS By Method SW846 8260B

Matrix: AQ **Batch ID:** VJ357

All samples were analyzed within the recommended method holding time.

All method blanks for this batch meet method specific criteria.

Samples F24511-6MS, F24511-6MSD were used as the QC samples indicated.

Recoveries for 2-Chloroethyl vinyl ether are outside control limits. The Blank Spike was within limits. Data not adversely affected.

RPDs for MSD for 1,1,1-Trichloroethane, Benzene, Ethylbenzene, m,p-Xylene, Tetrachloroethylene, Toluene, trans-1,2-Dichloroethylene, Trichloroethylene are outside control limits for sample. Recoveries for 2-Chloroethyl vinyl ether are outside control limits. The Blank Spike was within limits. Data not adversely affected.

Extractables by GCMS By Method EPA 625

Matrix: AQ **Batch ID:** OP10608

All samples were analyzed within the recommended method holding time.

All samples were extracted within the recommended method holding time.

Samples F24498-5MS, F24498-5MSD were used as the QC samples indicated.

All method blanks for this batch meet method specific criteria.

Recoveries for Anthracene, Benzo(a)anthracene, Benzo(k)fluoranthene, Chrysene, Phenanthrene, Pyrene are outside control limits in the MS/MSD. The Blank Spike was within limits. Data not adversely affected.

Metals By Method SW846 6010B

Matrix: AQ **Batch ID:** MP6754

All samples were analyzed within the recommended method holding time.

All samples were digested within the recommended method holding time.

All method blanks for this batch meet method specific criteria.

Samples F24552-11DUP, F24552-11MS, F24552-11MSD, F24552-11SDL were used as the QC samples for metals.

All method blanks for this batch meet method specific criteria.

RPD for Serial Dilution for Iron is outside control limits. The Blank Spike was within limits. Data not adversely affected.

Accutest Laboratories Southeast (ALSE) certifies that this report meets the project requirements for analytical data produced for the samples as received at ALSE and as stated on the COC. ALSE certifies that the data meets the Data 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 16, 2004

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

Report of Analysis

Client Sample ID:	PIN20-RW01-N001		
Lab Sample ID:	F24498-1	**Date Sampled:**	06/01/04
Matrix:	AQ - Ground Water	**Date Received:**	06/01/04
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	STAR Center- 4.5 Acre Site, Largo, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	J008946.D	1	06/10/04	RA	n/a	n/a	VJ357
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	1.0	1.0	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
110-75-8	2-Chloroethyl vinyl ether	ND	5.0	2.5	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.50	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.50	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.50	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.50	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.50	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.40	ug/l	
75-71-8	Dichlorodifluoromethane	ND	1.0	0.50	ug/l	
156-59-2	cis-1,2-Dichloroethylene	1.4	1.0	0.50	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.30	ug/l	
541-73-1	m-Dichlorobenzene	ND	1.0	0.50	ug/l	
95-50-1	o-Dichlorobenzene	ND	1.0	0.50	ug/l	
106-46-7	p-Dichlorobenzene	ND	1.0	0.50	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.50	ug/l	
74-83-9	Methyl bromide	ND	1.0	1.0	ug/l	
74-87-3	Methyl chloride	ND	1.0	1.0	ug/l	
75-09-2	Methylene chloride	ND	1.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.50	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.30	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.50	ug/l	
127-18-4	Tetrachloroethylene	ND	1.0	0.50	ug/l	
108-88-3	Toluene	ND	1.0	0.50	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.50	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	PIN20-RW01-N001		
Lab Sample ID:	F24498-1	**Date Sampled:**	06/01/04
Matrix:	AQ - Ground Water	**Date Received:**	06/01/04
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	STAR Center- 4.5 Acre Site, Largo, FL		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-69-4	Trichlorofluoromethane	ND	1.0	0.60	ug/l	
75-01-4	Vinyl chloride	5.6	1.0	0.50	ug/l	
	m,p-Xylene	ND	2.0	0.50	ug/l	
95-47-6	o-Xylene	ND	1.0	0.50	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	100%		86-115%
17060-07-0	1,2-Dichloroethane-D4	99%		73-126%
2037-26-5	Toluene-D8	99%		86-112%
460-00-4	4-Bromofluorobenzene	102%		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:	PIN20-RW02-N001		
Lab Sample ID:	F24498-2	**Date Sampled:**	06/01/04
Matrix:	AQ - Ground Water	**Date Received:**	06/01/04
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	STAR Center- 4.5 Acre Site, Largo, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	J008947.D	1	06/10/04	RA	n/a	n/a	VJ357
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	1.0	1.0	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
110-75-8	2-Chloroethyl vinyl ether	ND	5.0	2.5	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.50	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.50	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.50	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.50	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.50	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.40	ug/l	
75-71-8	Dichlorodifluoromethane	ND	1.0	0.50	ug/l	
156-59-2	cis-1,2-Dichloroethylene	0.51	1.0	0.50	ug/l	J
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.30	ug/l	
541-73-1	m-Dichlorobenzene	ND	1.0	0.50	ug/l	
95-50-1	o-Dichlorobenzene	ND	1.0	0.50	ug/l	
106-46-7	p-Dichlorobenzene	ND	1.0	0.50	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.50	ug/l	
74-83-9	Methyl bromide	ND	1.0	1.0	ug/l	
74-87-3	Methyl chloride	ND	1.0	1.0	ug/l	
75-09-2	Methylene chloride	ND	1.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.50	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.30	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.50	ug/l	
127-18-4	Tetrachloroethylene	ND	1.0	0.50	ug/l	
108-88-3	Toluene	ND	1.0	0.50	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.50	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	PIN20-RW02-N001		
Lab Sample ID:	F24498-2	**Date Sampled:**	06/01/04
Matrix:	AQ - Ground Water	**Date Received:**	06/01/04
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	STAR Center- 4.5 Acre Site, Largo, FL		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-69-4	Trichlorofluoromethane	ND	1.0	0.60	ug/l	
75-01-4	Vinyl chloride	4.7	1.0	0.50	ug/l	
	m,p-Xylene	ND	2.0	0.50	ug/l	
95-47-6	o-Xylene	ND	1.0	0.50	ug/l	

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

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

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	PIN20-RW03-N001		
Lab Sample ID:	F24498-3	**Date Sampled:**	06/01/04
Matrix:	AQ - Ground Water	**Date Received:**	06/01/04
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	STAR Center- 4.5 Acre Site, Largo, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	J008948.D	1	06/10/04	RA	n/a	n/a	VJ357
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	1.0	1.0	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
110-75-8	2-Chloroethyl vinyl ether	ND	5.0	2.5	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.50	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.50	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.50	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.50	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.50	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.40	ug/l	
75-71-8	Dichlorodifluoromethane	ND	1.0	0.50	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	1.0	0.50	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.30	ug/l	
541-73-1	m-Dichlorobenzene	ND	1.0	0.50	ug/l	
95-50-1	o-Dichlorobenzene	ND	1.0	0.50	ug/l	
106-46-7	p-Dichlorobenzene	ND	1.0	0.50	ug/l	
156-60-5	trans-1,2-Dichloroethylene	2.7	1.0	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.50	ug/l	
74-83-9	Methyl bromide	ND	1.0	1.0	ug/l	
74-87-3	Methyl chloride	ND	1.0	1.0	ug/l	
75-09-2	Methylene chloride	ND	1.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.50	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.30	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.50	ug/l	
127-18-4	Tetrachloroethylene	ND	1.0	0.50	ug/l	
108-88-3	Toluene	ND	1.0	0.50	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.50	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	PIN20-RW03-N001		
Lab Sample ID:	F24498-3	**Date Sampled:**	06/01/04
Matrix:	AQ - Ground Water	**Date Received:**	06/01/04
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	STAR Center- 4.5 Acre Site, Largo, FL		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-69-4	Trichlorofluoromethane	ND	1.0	0.60	ug/l	
75-01-4	Vinyl chloride	13.6	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	99%		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	103%		83-119%

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

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	PIN20-TRTI-N001		
Lab Sample ID:	F24498-4	**Date Sampled:**	06/01/04
Matrix:	AQ - Ground Water	**Date Received:**	06/01/04
Method:	EPA 624	**Percent Solids:**	n/a
Project:	STAR Center- 4.5 Acre Site, Largo, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	C0023837.D	1	06/03/04	KW	n/a	n/a	VC1027
Run #2	B022251.D	50	06/04/04	KW	n/a	n/a	VB965

	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	1.5	1.0	0.50	ug/l	
75-25-2	Bromoform	ND	1.0	0.50	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.50	ug/l	
75-00-3	Chloroethane	ND	1.0	1.0	ug/l	
67-66-3	Chloroform	2600 [b]	50	25	ug/l	
110-75-8	2-Chloroethyl vinyl ether	ND	5.0	2.5	ug/l	
56-23-5	Carbon tetrachloride	1.2	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	0.86	1.0	0.50	ug/l	J
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.30	ug/l	
541-73-1	m-Dichlorobenzene	ND	1.0	0.50	ug/l	
95-50-1	o-Dichlorobenzene	ND	1.0	0.50	ug/l	
106-46-7	p-Dichlorobenzene	ND	1.0	0.50	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.50	ug/l	
74-83-9	Methyl bromide	ND	1.0	1.0	ug/l	
74-87-3	Methyl chloride	ND	1.0	1.0	ug/l	
75-09-2	Methylene chloride	ND	1.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.50	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.30	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.50	ug/l	
127-18-4	Tetrachloroethylene	ND	1.0	0.50	ug/l	
108-88-3	Toluene	ND	1.0	0.50	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.50	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	PIN20-TRTI-N001		
Lab Sample ID:	F24498-4	**Date Sampled:**	06/01/04
Matrix:	AQ - Ground Water	**Date Received:**	06/01/04
Method:	EPA 624	**Percent Solids:**	n/a
Project:	STAR Center- 4.5 Acre Site, Largo, FL		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-69-4	Trichlorofluoromethane	ND	1.0	0.60	ug/l	
75-01-4	Vinyl chloride	4.1	1.0	0.50	ug/l	
	m,p-Xylene	ND	2.0	0.50	ug/l	
95-47-6	o-Xylene	ND	1.0	0.50	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%	97%	86-115%
17060-07-0	1,2-Dichloroethane-D4	92%	88%	73-126%
2037-26-5	Toluene-D8	103%	102%	86-112%
460-00-4	4-Bromofluorobenzene	98%	107%	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:	PIN20-TRTI-N001		
Lab Sample ID:	F24498-4	**Date Sampled:**	06/01/04
Matrix:	AQ - Ground Water	**Date Received:**	06/01/04
		Percent Solids:	n/a
Project:	STAR Center- 4.5 Acre Site, Largo, FL		

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Iron	5280	300	48	ug/l	1	06/07/04	06/08/04	DM	SW846 6010B [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA3834
(2) Prep QC Batch: MP6754

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:	PIN20-TRTI-N001		
Lab Sample ID:	F24498-4	**Date Sampled:**	06/01/04
Matrix:	AQ - Ground Water	**Date Received:**	06/01/04
		Percent Solids:	n/a
Project:	STAR Center- 4.5 Acre Site, Largo, FL		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Hardness, Total as CaCO3	734	4.0	mg/l	1	06/14/04	DM	SW846 6010B/SM 2340B

RL = Reporting Limit

Report of Analysis

Client Sample ID:	PIN20-TRTE-N001		
Lab Sample ID:	F24498-5	**Date Sampled:**	06/01/04
Matrix:	AQ - Ground Water	**Date Received:**	06/01/04
Method:	EPA 624	**Percent Solids:**	n/a
Project:	STAR Center- 4.5 Acre Site, Largo, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	B022250.D	1	06/03/04	KW	n/a	n/a	VB965
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	1.0	1.0	ug/l	
67-66-3	Chloroform	12.6	1.0	0.50	ug/l	
110-75-8	2-Chloroethyl vinyl ether	ND	5.0	2.5	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.50	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.50	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.50	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.50	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.50	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.40	ug/l	
75-71-8	Dichlorodifluoromethane	ND	1.0	0.50	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	1.0	0.50	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.30	ug/l	
541-73-1	m-Dichlorobenzene	ND	1.0	0.50	ug/l	
95-50-1	o-Dichlorobenzene	ND	1.0	0.50	ug/l	
106-46-7	p-Dichlorobenzene	ND	1.0	0.50	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.50	ug/l	
74-83-9	Methyl bromide	ND	1.0	1.0	ug/l	
74-87-3	Methyl chloride	ND	1.0	1.0	ug/l	
75-09-2	Methylene chloride	ND	1.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.50	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.30	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.50	ug/l	
127-18-4	Tetrachloroethylene	ND	1.0	0.50	ug/l	
108-88-3	Toluene	ND	1.0	0.50	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.50	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	PIN20-TRTE-N001		
Lab Sample ID:	F24498-5	**Date Sampled:**	06/01/04
Matrix:	AQ - Ground Water	**Date Received:**	06/01/04
Method:	EPA 624	**Percent Solids:**	n/a
Project:	STAR Center- 4.5 Acre Site, Largo, FL		

VOA Special List

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

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	97%		86-115%
17060-07-0	1,2-Dichloroethane-D4	88%		73-126%
2037-26-5	Toluene-D8	102%		86-112%
460-00-4	4-Bromofluorobenzene	109%		83-119%

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

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: PIN20-TRTE-N001
Lab Sample ID: F24498-5
Matrix: AQ - Ground Water
Method: EPA 625 EPA 625
Project: STAR Center- 4.5 Acre Site, Largo, FL

Date Sampled: 06/01/04
Date Received: 06/01/04
Percent Solids: n/a

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L021825.D	1	06/08/04	ME	06/07/04	OP10608	SL1172
Run #2							

	Initial Volume	Final Volume
Run #1	920 ml	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic Acid	ND	27	16	ug/l	
95-57-8	2-Chlorophenol	ND	5.4	2.2	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	5.4	2.2	ug/l	
120-83-2	2,4-Dichlorophenol	ND	5.4	2.2	ug/l	
105-67-9	2,4-Dimethylphenol	ND	5.4	2.2	ug/l	
51-28-5	2,4-Dinitrophenol	ND	27	11	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	11	5.4	ug/l	
95-48-7	2-Methylphenol	ND	5.4	2.2	ug/l	
	3&4-Methylphenol	ND	5.4	2.2	ug/l	
88-75-5	2-Nitrophenol	ND	5.4	2.2	ug/l	
100-02-7	4-Nitrophenol	ND	27	11	ug/l	
87-86-5	Pentachlorophenol	ND	27	11	ug/l	
108-95-2	Phenol	ND	5.4	2.2	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	5.4	2.2	ug/l	
88-06-2	2,4,6-Trichlorophenol	18.6	5.4	2.2	ug/l	
83-32-9	Acenaphthene	ND	5.4	1.1	ug/l	
208-96-8	Acenaphthylene	ND	5.4	1.1	ug/l	
120-12-7	Anthracene	ND	5.4	1.1	ug/l	
56-55-3	Benzo(a)anthracene	ND	5.4	1.1	ug/l	
50-32-8	Benzo(a)pyrene	ND	5.4	1.1	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	5.4	1.1	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	5.4	2.2	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	5.4	1.1	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	5.4	1.1	ug/l	
85-68-7	Butyl benzyl phthalate	ND	5.4	2.2	ug/l	
100-51-6	Benzyl Alcohol	ND	5.4	1.1	ug/l	
91-58-7	2-Chloronaphthalene	ND	5.4	1.1	ug/l	
106-47-8	4-Chloroaniline	ND	11	3.3	ug/l	
86-74-8	Carbazole	ND	5.4	1.1	ug/l	
218-01-9	Chrysene	ND	5.4	1.1	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	5.4	1.1	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	5.4	2.2	ug/l	

ND = Not detected MDL - Method Detection Limit
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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:	PIN20-TRTE-N001		
Lab Sample ID:	F24498-5	**Date Sampled:**	06/01/04
Matrix:	AQ - Ground Water	**Date Received:**	06/01/04
Method:	EPA 625 EPA 625	**Percent Solids:**	n/a
Project:	STAR Center- 4.5 Acre Site, Largo, FL		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
108-60-1	bis(2-Chloroisopropyl)ether	ND	5.4	1.1	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	5.4	1.1	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	5.4	1.1	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	5.4	1.1	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	5.4	1.1	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	5.4	2.2	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	5.4	2.2	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	11	5.4	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	5.4	2.2	ug/l	
132-64-9	Dibenzofuran	ND	5.4	1.1	ug/l	
84-74-2	Di-n-butyl phthalate	ND	5.4	2.2	ug/l	
117-84-0	Di-n-octyl phthalate	ND	5.4	2.7	ug/l	
84-66-2	Diethyl phthalate	ND	5.4	2.2	ug/l	
131-11-3	Dimethyl phthalate	ND	5.4	2.2	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	5.4	2.7	ug/l	
206-44-0	Fluoranthene	ND	5.4	1.1	ug/l	
86-73-7	Fluorene	ND	5.4	1.1	ug/l	
118-74-1	Hexachlorobenzene	ND	5.4	1.1	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.4	2.2	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	5.4	2.2	ug/l	
67-72-1	Hexachloroethane	ND	5.4	2.2	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	5.4	2.2	ug/l	
78-59-1	Isophorone	ND	5.4	1.1	ug/l	
91-57-6	2-Methylnaphthalene	ND	5.4	1.1	ug/l	
88-74-4	2-Nitroaniline	ND	5.4	2.2	ug/l	
99-09-2	3-Nitroaniline	ND	5.4	2.2	ug/l	
100-01-6	4-Nitroaniline	ND	5.4	2.2	ug/l	
91-20-3	Naphthalene	ND	5.4	1.1	ug/l	
98-95-3	Nitrobenzene	ND	5.4	1.1	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	5.4	2.2	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	5.4	2.2	ug/l	
85-01-8	Phenanthrene	ND	5.4	1.1	ug/l	
129-00-0	Pyrene	ND	5.4	1.1	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.4	1.1	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	50%		19-90%
4165-62-2	Phenol-d5	34%		10-68%
118-79-6	2,4,6-Tribromophenol	88%		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:	PIN20-TRTE-N001		
Lab Sample ID:	F24498-5	**Date Sampled:**	06/01/04
Matrix:	AQ - Ground Water	**Date Received:**	06/01/04
Method:	EPA 625 EPA 625	**Percent Solids:**	n/a
Project:	STAR Center- 4.5 Acre Site, Largo, FL		

ABN TCL List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	79%		49-119%
321-60-8	2-Fluorobiphenyl	81%		45-118%
1718-51-0	Terphenyl-d14	84%		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:	PIN20-TRTE-N001		
Lab Sample ID:	F24498-5	**Date Sampled:**	06/01/04
Matrix:	AQ - Ground Water	**Date Received:**	06/01/04
		Percent Solids:	n/a
Project:	STAR Center- 4.5 Acre Site, Largo, FL		

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Iron	5380	300	48	ug/l	1	06/07/04	06/08/04	DM	SW846 6010B [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA3834
(2) Prep QC Batch: MP6754

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:	PIN20-TRTE-N001		
Lab Sample ID:	F24498-5	**Date Sampled:**	06/01/04
Matrix:	AQ - Ground Water	**Date Received:**	06/01/04
		Percent Solids:	n/a
Project:	STAR Center- 4.5 Acre Site, Largo, FL		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Hardness, Total as CaCO3	748	4.0	mg/l	1	06/14/04	DM	SW846 6010B/SM 2340B

RL = Reporting Limit

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

CHAIN OF CUSTODY

ACCUTEST

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

ACCUTEST JOB #:
ACCUTEST QUOTE #: F24498

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 - 4.5 Acre startup
LOCATION: Largo, FL
PROJECT NO.: 110406202
FAX #:

ANALYTICAL INFORMATION

VOCs - 8260 | VOCs - 624 | SVOCs - 625 | Fe + Hardness

MATRIX CODES

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

LAB USE ONLY

ACCUTEST SAMPLE #	FIELD ID / POINT OF COLLECTION	COLLECTION DATE	COLLECTION TIME	SAMPLED BY:	MATRIX	# OF BOTTLES	PRESERVATION HCl	PRESERVATION HNO3	PRESERVATION H2SO4	PRESERVATION NONE	VOCs - 8260	VOCs - 624	SVOCs - 625	Fe + Hardness
1	PIN20-RW01-N001	6-1-04	1101	JPC	GW	3	3				3			
2	PIN20-RW02-N001	↓	1103	↓	↓	3	3				3			
3	PIN20-RW03-N001		1106			3	3				3			
4	PIN20-TRIP-N001		1108			4	3	1				3		1
5	PIN20-TRTE-N001	↓	1110	↓	↓	6	3	1	2			3	2	1

DATA TURNAROUND INFORMATION

☑ STANDARD
☐ 48 HOUR RUSH
☐ 24 HOUR EMERGENCY
☐ OTHER
APPROVED BY:
EMERGENCY OR RUSH IS FAX DATA UNLESS PREVIOUSLY APPROVED

DATA DELIVERABLE INFORMATION

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

COMMENTS/REMARKS

First monthly sampling event

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:
Jpc	6-1-04	1.	2.	6/1/04	2.
RELINQUISHED BY: 3.	DATE TIME:	RECEIVED BY: 3.	RELINQUISHED BY: 4.	DATE TIME:	RECEIVED BY: 4.
RELINQUISHED BY: 5.	DATE TIME:	RECEIVED BY: 5.	SEAL #	PRESERVE WHERE APPLICABLE ☐	ON ICE ☐ TEMPERATURE

F24498: Chain of Custody
Page 1 of 2

ACCUTEST LABORATORIES SOUTHEAST SAMPLE RECEIPT CONFIRMATION

Accutest's Job Number: F24498

Client: S.M. Stoller Project: STAR Center - 4.5 Acre Startup

Date Received: 6/1/04 Time Received: 17:20

# of Coolers Received: 1 Cooler Temperatures: 3.6°C

Delivery Method: FedEx UPS (Accutest Courier) Greyhound Delivery Other

Air Bill Number:

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

Summary of Comments:

Signature: Jeff Mattioff Date: 6/1/04

Review Signature:

ASBD 12/30/03

F24498: Chain of Custody
Page 2 of 2

Southeast ACCUTEST Laboratories

07/19/04

Technical Report for

S M Stoller

Star Center-4.5 Acre Monthly /Effluent, FL

110406202

Accutest Job Number: F24499

Sampling Date: 06/01/04

Report to:

S M Stoller

Cathy.Kelleher@gjo.doe.gov

ATTN: Cathy Kelleher

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

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

Sections: 1 2 3 4

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Sample Summary

S M Stoller

Job No: F24499

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

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
F24499-1	06/01/04	11:13	JPC	06/01/04	AQ	Ground Water	PIN20-TRTE-N001*4.5 ACRE

SAMPLE DELIVERY GROUP CASE NARRATIVE

Client: S M Stoller **Job No:** F24499

Site: Star Center-4.5 Acre Monthly /Effluent, FL **Report Date** 6/4/2004

1 Sample was collected on 06/01/2004 and were received at Accutest on 06/01/2004 properly preserved, at 3.6 Deg. C and intact. These Samples received an Accutest job number of F24499.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:** VC1027

All samples were analyzed within the recommended method holding time.

All method blanks for this batch meet method specific criteria.

Samples F24474-1MS, F24474-1MSD were used as the QC samples indicated.

F24499-1(PIN20-TRTE-N001*4.5 ACRE): 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 04, 20044

Sue O. Bell, Project Manager

Report of Analysis

Client Sample ID:	PIN20-TRTE-N001*4.5 ACRE		
Lab Sample ID:	F24499-1	**Date Sampled:**	06/01/04
Matrix:	AQ - Ground Water	**Date Received:**	06/01/04
Method:	EPA 624	**Percent Solids:**	n/a
Project:	Star Center-4.5 Acre Monthly /Effluent, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	C0023839.D	1	06/03/04	KW	n/a	n/a	VC1027
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	98%		86-115%
17060-07-0	1,2-Dichloroethane-D4	93%		73-126%
2037-26-5	Toluene-D8	103%		86-112%
460-00-4	4-Bromofluorobenzene	99%		83-119%

(a) Sample collected on 06/01/04 at 11:13.
(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

CHAIN OF CUSTODY

ACCUTEST

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

ACCUTEST JOB #:

ACCUTEST QUOTE #: F24499

CLIENT INFORMATION

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

FACILITY INFORMATION

PROJECT NAME: STAR Center - 4.5 Acre monthly effluent
LOCATION: Largo, FL
PROJECT NO.: 110406202
Onsite contact: Barry Rice
FAX #: 727-549-1121

ANALYTICAL INFORMATION

BTEX, Total VOAs

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	LAB USE ONLY
1	PIN20-TRTE-N001 * 4.5 Acre	6-1-04	1113	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. JPC	6-1-04	1.	2.	6/1/04 1720	2. 6/1/04 17:20
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 3.6° C

F24499: Chain of Custody
Page 1 of 2

ACCUTEST LABORATORIES SOUTHEAST SAMPLE RECEIPT CONFIRMATION

Accutest's Job Number: F24499

Client: S.M. Stoller Project: STAR Center – 4.5 Acre Monthly Eff.

Date Received: 6/1/04 Time Received: 17:20

# of Coolers Received: 1 Cooler Temperatures: 3.6°C

Delivery Method: FedEx UPS (Accutest Courier) Greyhound Delivery Other

Air Bill Number:

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

Summary of Comments:

Signature: [signature] Date: 6/1/04

Review Signature:

ASBD 12/30/03

F24499: Chain of Custody
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