N00204.AR.002056
NAS PENSACOLA
5090.3a

REMEDIAL INVESTIGATION ADDENDUM

OPERABLE UNIT 2

NAVAL AIR STATION PENSACOLA

Contract No. N62467-89-D-0318

Contract Task Order 059

Volume III of IV
Appendix D

Prepared for:

Department of the Navy
Southern Division
Naval Facilities Engineering Command
North Charleston, South Carolina

Prepared by:

EnSafe Inc.
5724 Summer Trees Drive
Memphis, Tennessee 38134
(901) 372-7962
www.ensafe.com

April 2005

REMEDIAL INVESTIGATION ADDENDUM

OPERABLE UNIT 2

NAS PENSACOLA

Contract No.
N62467-89-D-0318

Contract Task Order 059

Volume III of IV
Appendix D

Prepared for:

Department of the Navy
Southern Division
NAVFAC
North Charleston, SC

Prepared by:

EnSafe Inc.
5724 Summer Trees DR.
Memphis, TN 38134
(901) 372-7962
www.ensafe.com

April 2005

Appendix D

Laboratory Analytical Reports

MICROSEEPS

Client Name: Ensafe, Inc.
Contact: Allison Harris
Address: 5724 Summer Trees Drive

Memphis, TN 38134

Order #: P0303219
Report Date: 03/24/03
Client Proj Name: Site 38 PNAS
Client Proj #: 0059.001-08-600-00

Laboratory Results

Lab Sample #	Client Sample ID
P0303219-01	30GN17003
P0303219-02	30GI17003
P0303219-03	11GS00503
P0303219-04	011GS477003
P0303219-05	012GS00103
P0303219-06	011GS00703
P0303219-07	011GI00803

Approved By: Thomas W. Lee

NOTES:

P0303219 #4

CHAIN - OF - CUSTODY RECORD

Phone: (412) 826-5245 | **Microseeps, Inc. - 220 William Pitt Way - Pittsburgh, PA 15238** | Fax No. : (412) 826-3433

Company : EnSafe
Co. Address :
Proj. Manager: Allison Harris
Proj. Location: PNAS - Pensacola
Proj. Number: 0059-001-OR-600-00
Phone # : 901-372-2454 **Fax # :**
Sampler's signature :

Results to : Allison Harris
Invoice to : Allison Harris

Cooler ID	Cooler Temp.

Sample ID	Sample Description	Date	Time	Comp.	Grab	# Cont.	CH4	CO2	O2	N2	H2				Remarks
30N1700	3 Gases	3-13-03	1600				X	X	X	X	X				
30I1700	3 "	3-13-03	1620				X	X	X	X	X				
1165005	"	"	1140				X	X	X	X	X				
0116I0770	"	"	1225				X	X	X	X	X				
0126I0010	3 "	"	1400				X	X	X	X	X				
0116I0170	3 "	"	1100				X	X	X	X	X				
0116I0080	3 "	3-12-03	1515				X	X	X	X	X				

Relinquished by :	Company :	Date :	Time :	Received by :	Company :	Date :	Time :
R Allbright	EnSafe	13 Mar 03	1800	R Welch	Microseeps	3/14/03	1537
Relinquished by :	Company :	Date :	Time :	Received by :	Company :	Date :	Time :
Relinquished by :	Company :	Date :	Time :	Received by :	Company :	Date :	Time :

WHITE COPY : Accompany Samples YELLOW COPY : Laboratory File PINK COPY : Submitter

Order #: P0303219
Report Date: 03/24/03
Client Proj Name: Site 38 PNAS
Client Proj #: 0059.001-08-600-00

Client Name: Ensafe, Inc.
Contact: Allison Harris
Address: 5724 Summer Trees Drive
Memphis, TN 38134

Lab Sample #: P0303219-01

Sample Description	Matrix	Sampled Date/Time	Received
30GN17003	Vapor	13 Mar. 03 16:00	14 Mar. 03

Analyte(s)	Result	PQL	Units	Method #	Analyst	Analysis Date
RiskAnalysis						
Vapor						
Carbon dioxide	21	0.60	mg/L	AM20GAX	bc	3/21/03
Hydrogen	0.54	0.030	nM	AM20GAX	bc	3/21/03
Methane	2.8	0.02	ug/L	AM20GAX	bc	3/21/03
Nitrogen	16	0.40	mg/L	AM20GAX	bc	3/21/03
Oxygen	4.2	0.15	mg/L	AM20GAX	bc	3/21/03

Order #: P0303219
Report Date: 03/24/03
Client Proj Name: Site 38 PNAS
Client Proj #: 0059.001-08-600-00

Client Name: Ensafe, Inc.
Contact: Allison Harris
Address: 5724 Summer Trees Drive
Memphis, TN 38134

Lab Sample #: P0303219-02

Sample Description	Matrix	Sampled Date/Time	Received
30GI17003	Vapor	13 Mar. 03 16:30	14 Mar. 03

Analyte(s)	Result	PQL	Units	Method #	Analyst	Analysis Date
RiskAnalysis						
Vapor						
Carbon dioxide	31	0.60	mg/L	AM20GAX	bc	3/21/03
Hydrogen	0.81	0.030	nM	AM20GAX	bc	3/21/03
Methane	99	0.02	ug/L	AM20GAX	bc	3/21/03
Nitrogen	14	0.40	mg/L	AM20GAX	bc	3/21/03
Oxygen	2.0	0.15	mg/L	AM20GAX	bc	3/21/03

Order #: P0303219
Report Date: 03/24/03
Client Proj Name: Site 38 PNAS
Client Proj #: 0059.001-08-600-00

Client Name: Ensafe, Inc.
Contact: Allison Harris
Address: 5724 Summer Trees Drive
Memphis, TN 38134

Lab Sample #: P0303219-03

Sample Description	Matrix	Sampled Date/Time	Received
11GS00503	Vapor	13 Mar. 03 11:40	14 Mar. 03

Analyte(s)	Result	PQL	Units	Method #	Analyst	Analysis Date
RiskAnalysis						
Vapor						
Carbon dioxide	74	0.60	mg/L	AM20GAX	bc	3/21/03
Hydrogen	0.69	0.030	nM	AM20GAX	bc	3/21/03
Methane	1400	0.02	ug/L	AM20GAX	bc	3/21/03
Nitrogen	15	0.40	mg/L	AM20GAX	bc	3/21/03
Oxygen	2.0	0.15	mg/L	AM20GAX	bc	3/21/03

Order #: P0303219
Report Date: 03/24/03
Client Proj Name: Site 38 PNAS
Client Proj #: 0059.001-08-600-00

Client Name: Ensafe, Inc.
Contact: Allison Harris
Address: 5724 Summer Trees Drive
Memphis, TN 38134

Lab Sample #: P0303219-04

Sample Description	Matrix	Sampled Date/Time	Received
011GS477003	Vapor	13 Mar. 03 12:25	14 Mar. 03

Analyte(s)	Result	PQL	Units	Method #	Analyst	Analysis Date
RiskAnalysis						
Vapor						
Carbon dioxide	78	0.60	mg/L	AM20GAX	bc	3/21/03
Hydrogen	2.8	0.030	nM	AM20GAX	bc	3/21/03
Methane	8700	0.02	ug/L	AM20GAX	bc	3/21/03
Nitrogen	7.2	0.40	mg/L	AM20GAX	bc	3/21/03
Oxygen	5.9	0.15	mg/L	AM20GAX	bc	3/21/03

Order #: P0303219
Report Date: 03/24/03
Client Proj Name: Site 38 PNAS
Client Proj #: 0059.001-08-600-00

Client Name: Ensafe, Inc.
Contact: Allison Harris
Address: 5724 Summer Trees Drive
Memphis, TN 38134

Lab Sample #: P0303219-05

Sample Description	Matrix	Sampled Date/Time	Received
012GS00103	Vapor	13 Mar. 03 14:00	14 Mar. 03

Analyte(s)	Result	PQL	Units	Method #	Analyst	Analysis Date
RiskAnalysis						
Vapor						
Carbon dioxide	21	0.60	mg/L	AM20GAX	bc	3/21/03
Hydrogen	0.48	0.030	nM	AM20GAX	bc	3/21/03
Methane	4.7	0.02	ug/L	AM20GAX	bc	3/21/03
Nitrogen	16	0.40	mg/L	AM20GAX	bc	3/21/03
Oxygen	4.7	0.15	mg/L	AM20GAX	bc	3/21/03

Order #: P0303219
Report Date: 03/24/03
Client Proj Name: Site 38 PNAS
Client Proj #: 0059.001-08-600-00

Client Name: Ensafe, Inc.
Contact: Allison Harris
Address: 5724 Summer Trees Drive
Memphis, TN 38134

Lab Sample #: P0303219-06

Sample Description	Matrix	Sampled Date/Time	Received
011GS00703	Vapor	13 Mar. 03 11:00	14 Mar. 03

Analyte(s)	Result	PQL	Units	Method #	Analyst	Analysis Date
RiskAnalysis						
Vapor						
Carbon dioxide	15	0.60	mg/L	AM20GAX	bc	3/21/03
Hydrogen	0.83	0.030	nM	AM20GAX	bc	3/21/03
Methane	11	0.02	ug/L	AM20GAX	bc	3/21/03
Nitrogen	17	0.40	mg/L	AM20GAX	bc	3/21/03
Oxygen	2.6	0.15	mg/L	AM20GAX	bc	3/21/03

Order #: P0303219
Report Date: 03/24/03
Client Proj Name: Site 38 PNAS
Client Proj #: 0059.001-08-600-00

Client Name: Ensafe, Inc.
Contact: Allison Harris
Address: 5724 Summer Trees Drive
Memphis, TN 38134

Lab Sample #: P0303219-07

Sample Description	Matrix	Sampled Date/Time	Received
011GI00803	Vapor	12 Mar. 03 15:15	14 Mar. 03

Analyte(s)	Result	PQL	Units	Method #	Analyst	Analysis Date
RiskAnalysis						
Vapor						
Carbon dioxide	8.4	0.60	mg/L	AM20GAX	bc	3/21/03
Hydrogen	0.40	0.030	nM	AM20GAX	bc	3/21/03
Methane	56	0.02	ug/L	AM20GAX	bc	3/21/03
Nitrogen	17	0.40	mg/L	AM20GAX	bc	3/21/03
Oxygen	1.2	0.15	mg/L	AM20GAX	bc	3/21/03

MICROSEEPS

Client Name: Ensafe, Inc.
Contact: Allison Harris
Address: 5724 Summer Trees Drive

Memphis, TN 38134

Order #: P0303263
Report Date: 03/27/03
Client Proj Name: NAS Pensacola
Client Proj #: NAS Pensacola

Laboratory Results

Lab Sample #	Client Sample ID
P0303263-01	030GS02203
P0303263-02	027GI00603
P0303263-03	030GS12303
P0303263-04	030GS02703

Approved By: Debbie Hallo

NOTES:Samples 030GS01503 and 030GI132A3 were received in incorrect containers, therefore the analysis was deleted from the COC by the client's request.

P03032263

CHAIN - OF - CUSTODY RECORD

Phone: (412) 826-5245 | **Microseeps, Inc. - 220 William Pitt Way - Pittsburgh, PA 15238** | Fax No. : (412) 826-3433

Company : Ensafe, Inc.
Co. Address : 5724 Summer Trees Dr Memphis, TN 38138
Proj. Manager: Allison Harris
Proj. Location: NAS Pensacola
Proj. Number:
Phone # : 901-372-7962 **Fax # :** 901-372-2454

Sampler's signature : _____

Results to : Allison Harris

Invoice to :

Cooler ID	Cooler Temp.

Sample ID	Sample Description	Date	Time	Comp.	Grab	# Cont.	CH_4	CO_2	O_2/N_2	H_2				Remarks
030GS02303	Gases	3/14/03	1215				X	X	X	X				Pkg PG+H_2
027GI00603	Gases		1040				X	X	X	X				
030GS01503	Gases		1545				X	X	X	X				
030GI132A3	Gases		1515				X	X	X	X				
030GS12303	Gases		1000				X	X	X	X				
030GS02703	Gases		1200				X	X	X	X				

Relinquished by :	Company :	Date :	Time :	Received by :	Company :	Date :	Time :
Emmett Liddell	Ensafe, Inc	3/14/03	1800	Mitch Lasli	Microseeps	3/15/03	0940
Relinquished by :	Company :	Date :	Time :	Received by :	Company :	Date :	Time :
Relinquished by :	Company :	Date :	Time :	Received by :	Company :	Date :	Time :

WHITE COPY : Accompany Samples YELLOW COPY : Laboratory File PINK COPY : Submitter

NON-CONFORMANCE FORM

Date: 3/15/03 Receiver: Natasha Dasilva Time of Receipt: _____

Client: EnSafe Number Samples out of Conformance: _____

Reason for Non-Conformance:

___ Samples rcvd. past holding time → Parameters _____

___ Broken Bottles → Description _____

X Incorrect containers → Description 030GS01503 & 030GI132A3 need 1-40ml VOA for analysis not H_2 vials.

___ Incorrect preservative → Description _____

___ Sample ID different from COC → Description _____

___ Labels missing or unreadable → Description _____

___ Analysis not written on COC → Description _____

___ Sample received not on COC → Description _____

___ Sample on COC not received → Description _____

___ Hold time not observed internally → Description _____

Remarks _____

Order #: P0303263
Report Date: 03/27/03
Client Proj Name: NAS Pensacola
Client Proj #: NAS Pensacola

Client Name: Ensafe, Inc.
Contact: Allison Harris
Address: 5724 Summer Trees Drive
Memphis, TN 38134

Lab Sample #: P0303263-01

Sample Description	Matrix	Sampled Date/Time	Received
030GS02203	Vapor	14 Mar. 03 12:15	18 Mar. 03

Analyte(s)	Result	PQL	Units	Method #	Analyst	Analysis Date
RiskAnalysis						
Vapor						
Carbon dioxide	130	0.60	mg/L	AM20GAX	bc	3/26/03
Hydrogen	1.1	0.030	nM	AM20GAX	bc	3/26/03
Methane	64	0.02	ug/L	AM20GAX	bc	3/26/03
Nitrogen	15	0.40	mg/L	AM20GAX	bc	3/26/03
Oxygen	3.8	0.15	mg/L	AM20GAX	bc	3/26/03

Order #: P0303263
Report Date: 03/27/03
Client Proj Name: NAS Pensacola
Client Proj #: NAS Pensacola

Client Name: Ensafe, Inc.
Contact: Allison Harris
Address: 5724 Summer Trees Drive
Memphis, TN 38134

Lab Sample #: P0303263-02

Sample Description	Matrix	Sampled Date/Time	Received
027GI00603	Vapor	14 Mar. 03 10:40	18 Mar. 03

Analyte(s)	Result	PQL	Units	Method #	Analyst	Analysis Date
RiskAnalysis						
Vapor						
Carbon dioxide	38	0.60	mg/L	AM20GAX	bc	3/26/03
Hydrogen	0.67	0.030	nM	AM20GAX	bc	3/26/03
Methane	5.0	0.02	ug/L	AM20GAX	bc	3/26/03
Nitrogen	17	0.40	mg/L	AM20GAX	bc	3/26/03
Oxygen	1.8	0.15	mg/L	AM20GAX	bc	3/26/03

Order #: P0303263
Report Date: 03/27/03
Client Proj Name: NAS Pensacola
Client Proj #: NAS Pensacola

Client Name: Ensafe, Inc.
Contact: Allison Harris
Address: 5724 Summer Trees Drive
Memphis, TN 38134

Lab Sample #: P0303263-03

Sample Description	Matrix	Sampled Date/Time	Received
030GS12303	Vapor	14 Mar. 03 10:00	18 Mar. 03

Analyte(s)	Result	PQL	Units	Method #	Analyst	Analysis Date
RiskAnalysis						
Vapor						
Carbon dioxide	41	0.60	mg/L	AM20GAX	bc	3/26/03
Hydrogen	1.1	0.030	nM	AM20GAX	bc	3/26/03
Methane	90	0.02	ug/L	AM20GAX	bc	3/26/03
Nitrogen	17	0.40	mg/L	AM20GAX	bc	3/26/03
Oxygen	1.4	0.15	mg/L	AM20GAX	bc	3/26/03

Order #: P0303263
Report Date: 03/27/03
Client Proj Name: NAS Pensacola
Client Proj #: NAS Pensacola

Client Name: Ensafe, Inc.
Contact: Allison Harris
Address: 5724 Summer Trees Drive
Memphis, TN 38134

Lab Sample #: P0303263-04

Sample Description	Matrix	Sampled Date/Time	Received
030GS02703	Vapor	14 Mar. 03 12:00	18 Mar. 03

Analyte(s)	Result	PQL	Units	Method #	Analyst	Analysis Date
RiskAnalysis						
Vapor						
Carbon dioxide	20	0.60	mg/L	AM20GAX	bc	3/26/03
Hydrogen	0.90	0.030	nM	AM20GAX	bc	3/26/03
Methane	22	0.02	ug/L	AM20GAX	bc	3/26/03
Nitrogen	16	0.40	mg/L	AM20GAX	bc	3/26/03
Oxygen	4.8	0.15	mg/L	AM20GAX	bc	3/26/03

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81709
Received: 13 MAR 03
Reported: 24 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-00-039-00

Project: OU2 Resampling/PENS01
Sampled By: Client
Code: 154830324

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81709-1	012GS01403	03-12-03/09:45	PENS01

PARAMETER	81709-1
TCL Semivolatiles (8270)	
Phenol, ug/l	1.0U
bis(2-Chloroethyl)ether, ug/l	1.0U
2-Chlorophenol, ug/l	0.79U
1,3-Dichlorobenzene, ug/l	1.0U
1,4-Dichlorobenzene, ug/l	1.0U
1,2-Dichlorobenzene, ug/l	1.0U
2-Methylphenol (o-Cresol), ug/l	0.59U
2,2'-Oxybis(1-Chloropropane) (bis-2-chloroisopropyl ether), ug/l	0.58U
3-Methylphenol/4-Methylphenol (m&p-Cresol), ug/l	1.0U
N-Nitroso-di-n-propylamine, ug/l	1.0U
Hexachloroethane, ug/l	0.70U
Nitrobenzene, ug/l	1.0U
Isophorone, ug/l	1.0U
2-Nitrophenol, ug/l	1.1U
2,4-Dimethylphenol, ug/l	1.1U
bis(2-Chloroethoxy)methane, ug/l	1.0U
2,4-Dichlorophenol, ug/l	0.76U
1,2,4-Trichlorobenzene, ug/l	0.51U
4-Chloroaniline, ug/l	1.0U

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81709
Received: 13 MAR 03
Reported: 24 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-00-039-00

Project: OU2 Resampling/PENS01
Sampled By: Client
Code: 154830324

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81709-1	012GS01403	03-12-03/09:45	PENS01

PARAMETER	81709-1
Hexachlorobutadiene, ug/l	0.50U
4-Chloro-3-methylphenol, ug/l	1.0U
Hexachlorocyclopentadiene, ug/l	1.1U
2,4,6-Trichlorophenol, ug/l	1.1U
2,4,5-Trichlorophenol, ug/l	1.1U
2-Chloronaphthalene, ug/l	1.0U
2-Nitroaniline, ug/l	0.72U
Dimethylphthalate, ug/l	0.57U
3-Nitroaniline, ug/l	0.64U
2,4-Dinitrophenol, ug/l	10U
4-Nitrophenol, ug/l	5.0U
Dibenzofuran, ug/l	1.0U
2,4-Dinitrotoluene, ug/l	1.1U
2,6-Dinitrotoluene, ug/l	0.87U
Diethylphthalate, ug/l	1.0U
4-Chlorophenylphenyl ether, ug/l	0.70U
4-Nitroaniline, ug/l	0.86U
4,6-Dinitro-2-methylphenol, ug/l	10U
N-Nitrosodiphenylamine, ug/l	1.0U
4-Bromophenylphenyl ether, ug/l	1.0U
Hexachlorobenzene, ug/l	0.61U
Pentachlorophenol, ug/l	2.0U
Di-n-butylphthalate, ug/l	1.0U

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81709
Received: 13 MAR 03
Reported: 24 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-00-039-00

Project: OU2 Resampling/PENS01
Sampled By: Client
Code: 154830324

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81709-1	012GS01403	03-12-03/09:45	PENS01

PARAMETER	81709-1
Butylbenzylphthalate, ug/l	0.74U
3,3'-Dichlorobenzidine, ug/l	1.0U
bis(2-Ethylhexyl)phthalate, ug/l	2.4U
Di-n-octylphthalate, ug/l	1.2U
Carbazole, ug/l	0.54U
Surrogate - Phenol-d5	72 %
Surrogate - 2-Fluorophenol	74 %
Surrogate - 2,4,6-Tribromophenol	87 %
Surrogate - Nitrobenzene-d5	83 %
Surrogate - 2-Fluorobiphenyl	92 %
Surrogate - Terphenyl-d14	60 %
Dilution Factor	1
Prep Date	03.14.03
Analysis Date	03.21.03
Batch ID	0314C
Initial Volume	950
Final Volume	1.00

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81709
Received: 13 MAR 03
Reported: 24 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-00-039-00

Project: OU2 Resampling/PENS01
Sampled By: Client
Code: 154830324

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81709-1	012GS01403	03-12-03/09:45	PENS01

PARAMETER	81709-1
Low Level PAH (8270)	
Naphthalene, ug/l	0.028U
Acenaphthylene, ug/l	0.024U
Acenaphthene, ug/l	0.025U
Fluorene, ug/l	0.026U
Phenanthrene, ug/l	0.025U
Anthracene, ug/l	0.031U
Fluoranthene, ug/l	0.061U
Pyrene, ug/l	0.042U
Chrysene, ug/l	0.088U
Benzo(a)anthracene, ug/l	0.070U
Benzo(b)fluoranthene, ug/l	0.074U
Benzo(k)fluoranthene, ug/l	0.058U
Benzo(a)pyrene, ug/l	0.060U
Indeno(1,2,3-cd)pyrene, ug/l	0.080U
Dibenzo(a,h)anthracene, ug/l	0.065U
Benzo(g,h,i)perylene, ug/l	0.096U
2-Methylnaphthalene, ug/l	0.022U
1-Methylnaphthalene, ug/l	0.028U
Surrogate - o-Terphenyl	90 %
Dilution Factor	1
Prep Date	03.17.03
Analysis Date	03.21.03
Batch ID	0317D
Initial Volume	1000
Final Volume	1.00

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81709
Received: 13 MAR 03
Reported: 24 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-00-039-00

Project: OU2 Resampling/PENS01
Sampled By: Client
Code: 154830324

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81709-2	012GS01003	03-12-03/10:55	PENS01
81709-3	012HS01003	03-12-03/10:55	PENS01
81709-4	012GS00603	03-12-03/11:45	PENS01
81709-5	059TG00001	03-12-03/08:00	PENS01

PARAMETER	81709-2	81709-3	81709-4	81709-5
Volatiles by GC/MS (8260)				
Chloromethane, ug/l	0.40U	0.40U	0.40U	0.40U
Bromomethane (Methyl bromide), ug/l	0.49U	0.49U	0.49U	0.49U
Vinyl chloride, ug/l	0.13U	0.13U	0.13U	0.13U
Chloroethane, ug/l	0.86U	0.86U	0.86U	0.86U
Methylene chloride (Dichloromethane), ug/l	0.61U	0.61U	0.61U	0.61U
Acetone, ug/l	5.0J	13J	3.6JB	2.3U
Carbon disulfide, ug/l	0.72U	0.72U	0.72U	0.72U
1,1-Dichloroethene, ug/l	0.31U	0.31U	0.31U	0.31U
1,1-Dichloroethane, ug/l	0.20J	0.20J	0.12U	0.12U
cis-1,2-Dichloroethene, ug/l	6.7	5.6	0.16U	0.16U
trans-1,2-Dichloroethene, ug/l	0.36U	0.36U	0.36U	0.36U
Chloroform, ug/l	0.36J	0.32J	0.64J	0.12U
1,2-Dichloroethane, ug/l	0.18U	0.18U	0.18U	0.18U
2-Butanone (MEK), ug/l	0.93J	1.1J	0.48U	0.76J
1,1,1-Trichloroethane, ug/l	0.065U	0.065U	0.065U	0.065U
Carbon tetrachloride, ug/l	0.15U	0.15U	0.15U	0.15U
Bromodichloromethane, ug/l	0.18U	0.18U	0.18U	0.18U

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81709
Received: 13 MAR 03
Reported: 24 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-00-039-00

Project: OU2 Resampling/PENS01
Sampled By: Client
Code: 154830324

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81709-2	012GS01003	03-12-03/10:55	PENS01
81709-3	012HS01003	03-12-03/10:55	PENS01
81709-4	012GS00603	03-12-03/11:45	PENS01
81709-5	059TG00001	03-12-03/08:00	PENS01

PARAMETER	81709-2	81709-3	81709-4	81709-5
1,1,2,2-Tetrachloroethane, ug/l	0.17U	0.17U	0.17U	0.17U
1,2-Dichloropropane, ug/l	0.17U	0.17U	0.17U	0.17U
trans-1,3-Dichloropropene, ug/l	0.15U	0.15U	0.15U	0.15U
Trichloroethene, ug/l	0.28J	0.33J	0.13U	0.13U
Dibromochloromethane, ug/l	0.078U	0.078U	0.078U	0.078U
1,1,2-Trichloroethane, ug/l	0.11U	0.11U	0.11U	0.11U
Benzene, ug/l	0.096U	0.14J	0.096U	0.16J
cis-1,3-Dichloropropene, ug/l	0.12U	0.12U	0.12U	0.12U
Bromoform, ug/l	0.19U	0.19U	0.19U	0.19U
2-Hexanone, ug/l	0.29U	0.29U	0.29U	0.29U
4-Methyl-2-pentanone (MIBK), ug/l	0.27U	0.27U	0.27U	0.27U
Tetrachloroethene, ug/l	1.5	1.3	0.43U	0.43U
Toluene, ug/l	0.065U	0.12J	0.065U	0.065U
Chlorobenzene, ug/l	0.10U	0.10U	0.10U	0.10U
Ethylbenzene, ug/l	0.11U	0.11U	0.11U	0.11J
Styrene, ug/l	0.31J	0.17J	0.28J	0.96J
Xylenes, Total, ug/l	0.28U	0.28U	0.28U	0.28U
Surrogate - Toluene-d8	96 %	90 %	96 %	92 %
Surrogate - 4-Bromofluorobenzene	92 %	82 %	88 %	80 %
Surrogate - Dibromofluoromethane	96 %	100 %	94 %	100 %

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81709
Received: 13 MAR 03
Reported: 24 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-00-039-00

Project: OU2 Resampling/PENS01
Sampled By: Client
Code: 154830324

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81709-2	012GS01003	03-12-03/10:55	PENS01
81709-3	012HS01003	03-12-03/10:55	PENS01
81709-4	012GS00603	03-12-03/11:45	PENS01
81709-5	059TG00001	03-12-03/08:00	PENS01

PARAMETER	81709-2	81709-3	81709-4	81709-5
Dilution Factor	1	1	1	1
Prep Date	03.18.03	03.18.03	03.19.03	03.18.03
Analysis Date	03.18.03	03.18.03	03.19.03	03.18.03
Batch ID	2P0317	2P0317	2P0319	2P0317
Initial Volume	5.00	5.00	5.00	5.00
Final Volume	5.00	5.00	5.00	5.00

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81709
Received: 13 MAR 03
Reported: 24 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-00-039-00

Project: OU2 Resampling/PENS01
Sampled By: Client
Code: 154830324

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81709-6	012GS00903	03-12-03/14:15	PENS01
81709-7	012HS00903	03-12-03/14:15	PENS01
81709-8	011GI00403	03-12-03/14:30	PENS01
81709-9	011GS01503	03-12-03/11:45	PENS01

PARAMETER	81709-6	81709-7	81709-8	81709-9
TAL Metals (6010)				
Aluminum, ug/l	25B	28B	230	18B
Antimony, ug/l	4.4B	4.0B	3.8U	3.8U
Arsenic, ug/l	3.9U	5.6B	3.9U	3.9U
Barium, ug/l	80	80	6.7B	50
Beryllium, ug/l	0.10U	0.10U	0.10U	0.10U
Cadmium, ug/l	8.5	8.6	0.40U	13
Calcium, ug/l	50000	50000	4100	44000
Chromium, ug/l	1.8B	1.4B	0.90U	3.4B
Cobalt, ug/l	2.9B	2.7B	1.2B	0.70U
Copper, ug/l	0.80U	1.2B	0.80U	2.1B
Iron, ug/l	2700	2900	280	73
Lead, ug/l	1.9U	1.9U	1.9U	1.9U
Magnesium, ug/l	3500	3500	770	3600
Manganese, ug/l	21	22	34	0.96B
Nickel, ug/l	2.3B	2.5B	1.2U	1.2U
Potassium, ug/l	2000	2100	470B	3700
Selenium, ug/l	4.3U	4.3U	4.3U	4.3U
Silver, ug/l	1.0U	1.0U	1.0U	1.0U
Sodium, ug/l	5300	5500	14000	5100

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81709
Received: 13 MAR 03
Reported: 24 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-00-039-00

Project: OU2 Resampling/PENS01
Sampled By: Client
Code: 154830324

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81709-6	012GS00903	03-12-03/14:15	PENS01
81709-7	012HS00903	03-12-03/14:15	PENS01
81709-8	011GI00403	03-12-03/14:30	PENS01
81709-9	011GS01503	03-12-03/11:45	PENS01

PARAMETER	81709-6	81709-7	81709-8	81709-9
Thallium, ug/l	6.6U	6.6U	6.6U	6.6U
Vanadium, ug/l	5.2B	6.4B	1.0U	1.0U
Zinc, ug/l	560	560	3.4B	81
Dilution Factor	1	1	1	1
Prep Date	03.14.03	03.14.03	03.14.03	03.14.03
Analysis Date	03.18.03	03.18.03	03.18.03	03.18.03
Batch ID	0314K	0314K	0314K	0314K
Initial Volume	50	50	50	50
Final Volume	50	50	50	50
Mercury (7470)				
Mercury, ug/l	0.10U	0.10U	0.10U	0.10U
Dilution Factor	1	1	1	1
Prep Date	03.18.03	03.18.03	03.18.03	03.18.03
Analysis Date	03.19.03	03.19.03	03.19.03	03.19.03
Batch ID	0318R	0318R	0318R	0318R
Initial Volume	50	50	50	50
Final Volume	50	50	50	50

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81709
Received: 13 MAR 03
Reported: 24 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-00-039-00

Project: OU2 Resampling/PENS01
Sampled By: Client
Code: 154830324

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81709-10	011GI00803	03-11-03/17:00	PENS01

PARAMETER	81709-10
TCL Semivolatiles (8270)	
Phenol, ug/l	1.0U
bis(2-Chloroethyl)ether, ug/l	1.0U
2-Chlorophenol, ug/l	0.79U
1,3-Dichlorobenzene, ug/l	1.0U
1,4-Dichlorobenzene, ug/l	1.0U
1,2-Dichlorobenzene, ug/l	1.0U
2-Methylphenol (o-Cresol), ug/l	0.59U
2,2'-Oxybis(1-Chloropropane) (bis-2-chloroisopropyl ether), ug/l	0.58U
3-Methylphenol/4-Methylphen ol (m&p-Cresol), ug/l	1.0U
N-Nitroso-di-n-propylamine, ug/l	1.0U
Hexachloroethane, ug/l	0.70U
Nitrobenzene, ug/l	1.0U
Isophorone, ug/l	1.0U
2-Nitrophenol, ug/l	1.1U
2,4-Dimethylphenol, ug/l	1.1U
bis(2-Chloroethoxy)methane, ug/l	1.0U
2,4-Dichlorophenol, ug/l	0.76U
1,2,4-Trichlorobenzene, ug/l	0.51U
4-Chloroaniline, ug/l	1.0U

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81709
Received: 13 MAR 03
Reported: 24 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-00-039-00

Project: OU2 Resampling/PENS01
Sampled By: Client
Code: 154830324

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81709-10	011GI00803	03-11-03/17:00	PENS01

PARAMETER	81709-10
Hexachlorobutadiene, ug/l	0.50U
4-Chloro-3-methylphenol, ug/l	1.0U
Hexachlorocyclopentadiene, ug/l	1.1U
2,4,6-Trichlorophenol, ug/l	1.1U
2,4,5-Trichlorophenol, ug/l	1.1U
2-Chloronaphthalene, ug/l	1.0U
2-Nitroaniline, ug/l	0.72U
Dimethylphthalate, ug/l	0.57U
3-Nitroaniline, ug/l	0.64U
2,4-Dinitrophenol, ug/l	10U
4-Nitrophenol, ug/l	5.0U
Dibenzofuran, ug/l	1.0U
2,4-Dinitrotoluene, ug/l	1.1U
2,6-Dinitrotoluene, ug/l	0.87U
Diethylphthalate, ug/l	1.0U
4-Chlorophenylphenyl ether, ug/l	0.70U
4-Nitroaniline, ug/l	0.86U
4,6-Dinitro-2-methylphenol, ug/l	10U
N-Nitrosodiphenylamine, ug/l	1.0U
4-Bromophenylphenyl ether, ug/l	1.0U
Hexachlorobenzene, ug/l	0.61U
Pentachlorophenol, ug/l	2.0U
Di-n-butylphthalate, ug/l	1.0U

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81709
Received: 13 MAR 03
Reported: 24 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-00-039-00

Project: OU2 Resampling/PENS01
Sampled By: Client
Code: 154830324

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81709-10	011GI00803	03-11-03/17:00	PENS01

PARAMETER	81709-10
Butylbenzylphthalate, ug/l	0.74U
3,3'-Dichlorobenzidine, ug/l	1.0U
bis(2-Ethylhexyl)phthalate, ug/l	2.4U
Di-n-octylphthalate, ug/l	1.2U
Carbazole, ug/l	0.54U
Surrogate - Phenol-d5	70 %
Surrogate - 2-Fluorophenol	74 %
Surrogate - 2,4,6-Tribromophenol	84 %
Surrogate - Nitrobenzene-d5	85 %
Surrogate - 2-Fluorobiphenyl	96 %
Surrogate - Terphenyl-d14	67 %
Dilution Factor	1
Prep Date	03.14.03
Analysis Date	03.21.03
Batch ID	0314C
Initial Volume	920
Final Volume	1.00

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81709
Received: 13 MAR 03
Reported: 24 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-00-039-00

Project: OU2 Resampling/PENS01
Sampled By: Client
Code: 154830324

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81709-10	011GI00803	03-11-03/17:00	PENS01

PARAMETER	81709-10
Low Level PAH (8270)	
Naphthalene, ug/l	0.028U
Acenaphthylene, ug/l	0.024U
Acenaphthene, ug/l	0.025U
Fluorene, ug/l	0.026U
Phenanthrene, ug/l	0.025U
Anthracene, ug/l	0.031U
Fluoranthene, ug/l	0.061U
Pyrene, ug/l	0.042U
Chrysene, ug/l	0.088U
Benzo(a)anthracene, ug/l	0.070U
Benzo(b)fluoranthene, ug/l	0.074U
Benzo(k)fluoranthene, ug/l	0.058U
Benzo(a)pyrene, ug/l	0.060U
Indeno(1,2,3-cd)pyrene, ug/l	0.080U
Dibenzo(a,h)anthracene, ug/l	0.065U
Benzo(g,h,i)perylene, ug/l	0.096U
2-Methylnaphthalene, ug/l	0.022U
1-Methylnaphthalene, ug/l	0.028U
Surrogate - o-Terphenyl	90 %
Dilution Factor	1
Prep Date	03.17.03
Analysis Date	03.21.03
Batch ID	0317D
Initial Volume	940
Final Volume	1.00

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81709
Received: 13 MAR 03
Reported: 24 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-00-039-00

Project: OU2 Resampling/PENS01
Sampled By: Client
Code: 154830324

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81709-10	011GI00803	03-11-03/17:00	PENS01

PARAMETER	81709-10
Volatiles by GC/MS (8260)	
Chloromethane, ug/l	0.40U
Bromomethane (Methyl bromide), ug/l	0.49U
Vinyl chloride, ug/l	0.13U
Chloroethane, ug/l	0.86U
Methylene chloride (Dichloromethane), ug/l	0.61U
Acetone, ug/l	13J
Carbon disulfide, ug/l	0.72U
1,1-Dichloroethene, ug/l	0.31U
1,1-Dichloroethane, ug/l	0.12U
cis-1,2-Dichloroethene, ug/l	0.16U
trans-1,2-Dichloroethene, ug/l	0.36U
Chloroform, ug/l	0.12U
1,2-Dichloroethane, ug/l	0.18U
2-Butanone (MEK), ug/l	1.8J
1,1,1-Trichloroethane, ug/l	0.065U
Carbon tetrachloride, ug/l	0.15U
Bromodichloromethane, ug/l	0.18U
1,1,2,2-Tetrachloroethane, ug/l	0.17U
1,2-Dichloropropane, ug/l	0.17U
trans-1,3-Dichloropropene, ug/l	0.15U

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81709
Received: 13 MAR 03
Reported: 24 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-00-039-00

Project: OU2 Resampling/PENS01
Sampled By: Client
Code: 154830324

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81709-10	011GI00803	03-11-03/17:00	PENS01

PARAMETER	81709-10
Trichloroethene, ug/l	0.13U
Dibromochloromethane, ug/l	0.078U
1,1,2-Trichloroethane, ug/l	0.11U
Benzene, ug/l	0.12J
cis-1,3-Dichloropropene, ug/l	0.12U
Bromoform, ug/l	0.19U
2-Hexanone, ug/l	0.29U
4-Methyl-2-pentanone (MIBK), ug/l	0.27U
Tetrachloroethene, ug/l	0.43U
Toluene, ug/l	0.10J
Chlorobenzene, ug/l	0.10U
Ethylbenzene, ug/l	0.11U
Styrene, ug/l	0.38J
Xylenes, Total, ug/l	0.28U
Surrogate - Toluene-d8	96 %
Surrogate - 4-Bromofluorobenzene	90 %
Surrogate - Dibromofluoromethane	96 %
Dilution Factor	1
Prep Date	03.18.03
Analysis Date	03.18.03
Batch ID	2P0317
Initial Volume	5.00
Final Volume	5.00

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81709
Received: 13 MAR 03
Reported: 24 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-00-039-00

Project: OU2 Resampling/PENS01
Sampled By: Client
Code: 154830324

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81709-10	011GI00803	03-11-03/17:00	PENS01

PARAMETER	81709-10
TAL Metals (6010)	
Aluminum, ug/l	170B
Antimony, ug/l	3.8U
Arsenic, ug/l	7.1B
Barium, ug/l	43
Beryllium, ug/l	0.10U
Cadmium, ug/l	0.40U
Calcium, ug/l	91000
Chromium, ug/l	0.96B
Cobalt, ug/l	0.70U
Copper, ug/l	0.80U
Iron, ug/l	780
Lead, ug/l	1.9U
Magnesium, ug/l	44000
Manganese, ug/l	140
Nickel, ug/l	2.4B
Potassium, ug/l	15000
Selenium, ug/l	4.3U
Silver, ug/l	1.0U
Sodium, ug/l	410000
Thallium, ug/l	6.6U
Vanadium, ug/l	1.0U
Zinc, ug/l	8.4B

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81709
Received: 13 MAR 03
Reported: 24 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-00-039-00

Project: OU2 Resampling/PENS01
Sampled By: Client
Code: 154830324

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81709-10	011GI00803	03-11-03/17:00	PENS01

PARAMETER	81709-10
Dilution Factor	1
Prep Date	03.14.03
Analysis Date	03.18.03
Batch ID	0314K
Initial Volume	50
Final Volume	50
Mercury (7470)	
Mercury, ug/l	0.10U
Dilution Factor	1
Prep Date	03.18.03
Analysis Date	03.19.03
Batch ID	0318R
Initial Volume	50
Final Volume	50

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81709
Received: 13 MAR 03
Reported: 24 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-00-039-00

Project: OU2 Resampling/PENS01
Sampled By: Client
Code: 154830324

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81709-11	011GI00203	03-12-03/11:20	PENS01
81709-12	011HS02803	03-12-03/10:00	PENS01
81709-13	011GS02803	03-12-03/10:00	PENS01

PARAMETER	81709-11	81709-12	81709-13
Volatiles by GC/MS (8260)			
Chloromethane, ug/l	0.40U	0.40U	0.40U
Bromomethane (Methyl bromide), ug/l	0.49U	0.49U	0.49U
Vinyl chloride, ug/l	0.13U	0.90J	0.88J
Chloroethane, ug/l	0.86U	0.86U	0.86U
Methylene chloride (Dichloromethane), ug/l	0.61U	0.61U	0.61U
Acetone, ug/l	17J	12J	25
Carbon disulfide, ug/l	0.72U	0.72U	0.72U
1,1-Dichloroethene, ug/l	0.58J	0.31U	0.31U
1,1-Dichloroethane, ug/l	5.2	0.12U	0.12U
cis-1,2-Dichloroethene, ug/l	38	0.47J	0.50J
trans-1,2-Dichloroethene, ug/l	0.36U	0.36U	0.36U
Chloroform, ug/l	0.12U	0.12U	0.12U
1,2-Dichloroethane, ug/l	0.18U	0.18U	0.18U
2-Butanone (MEK), ug/l	0.85J	1.2J	2.0J
1,1,1-Trichloroethane, ug/l	0.065U	0.065U	0.065U
Carbon tetrachloride, ug/l	0.15U	0.15U	0.15U
Bromodichloromethane, ug/l	0.18U	0.18U	0.18U
1,1,2,2-Tetrachloroethane, ug/l	0.17U	0.17U	0.17U

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81709
Received: 13 MAR 03
Reported: 24 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-00-039-00

Project: OU2 Resampling/PENS01
Sampled By: Client
Code: 154830324

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81709-11	011GI00203	03-12-03/11:20	PENS01
81709-12	011HS02803	03-12-03/10:00	PENS01
81709-13	011GS02803	03-12-03/10:00	PENS01

PARAMETER	81709-11	81709-12	81709-13
1,2-Dichloropropane, ug/l	0.17U	0.17U	0.17U
trans-1,3-Dichloropropene, ug/l	0.15U	0.15U	0.15U
Trichloroethene, ug/l	22	0.13U	0.13U
Dibromochloromethane, ug/l	0.078U	0.078U	0.078U
1,1,2-Trichloroethane, ug/l	0.11U	0.11U	0.11U
Benzene, ug/l	0.096U	3.3	3.2
cis-1,3-Dichloropropene, ug/l	0.12U	0.12U	0.12U
Bromoform, ug/l	0.19U	0.19U	0.19U
2-Hexanone, ug/l	0.29U	0.29U	0.29U
4-Methyl-2-pentanone (MIBK), ug/l	0.27U	0.27U	0.27U
Tetrachloroethene, ug/l	25	0.43U	0.43U
Toluene, ug/l	0.073J	0.40J	0.37J
Chlorobenzene, ug/l	0.10U	0.10U	0.10U
Ethylbenzene, ug/l	0.11U	0.95J	0.87J
Styrene, ug/l	0.22J	0.050U	0.17J
Xylenes, Total, ug/l	0.28U	0.74J	0.67J
Surrogate - Toluene-d8	90 %	98 %	92 %
Surrogate - 4-Bromofluorobenzene	80 %	90 %	82 %
Surrogate - Dibromofluoromethane	98 %	92 %	96 %
Dilution Factor	1	1	1
Prep Date	03.18.03	03.18.03	03.18.03
Analysis Date	03.18.03	03.18.03	03.18.03
Batch ID	2P0317	2P0317	2P0317
Initial Volume	5.00	5.00	5.00
Final Volume	5.00	5.00	5.00

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81709
Received: 13 MAR 03
Reported: 24 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-00-039-00

Project: OU2 Resampling/PENS01
Sampled By: Client
Code: 154830324

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81709-11	011GI00203	03-12-03/11:20	PENS01
81709-12	011HS02803	03-12-03/10:00	PENS01
81709-13	011GS02803	03-12-03/10:00	PENS01

PARAMETER	81709-11	81709-12	81709-13
TAL Metals (6010)			
Aluminum, ug/l	510	68B	62B
Antimony, ug/l	3.8U	3.8U	3.8U
Arsenic, ug/l	6.1B	3.9U	3.9U
Barium, ug/l	8.3B	16	16
Beryllium, ug/l	0.10U	0.10U	0.10U
Cadmium, ug/l	0.40U	0.40U	0.40U
Calcium, ug/l	3000	20000	20000
Chromium, ug/l	1.1B	1.0B	0.90U
Cobalt, ug/l	0.70U	0.70U	0.70U
Copper, ug/l	0.80U	0.80U	0.80U
Iron, ug/l	770	1800	1800
Lead, ug/l	1.9U	1.9U	2.8B
Magnesium, ug/l	750	3200	3200
Manganese, ug/l	11	40	41
Nickel, ug/l	1.2U	1.6B	1.2U
Potassium, ug/l	620B	910B	890B
Selenium, ug/l	4.3U	4.3U	4.3U
Silver, ug/l	1.0U	1.3B	1.0U
Sodium, ug/l	16000	3400	3300
Thallium, ug/l	6.6U	6.6U	6.6U

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81709
Received: 13 MAR 03
Reported: 24 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-00-039-00

Project: OU2 Resampling/PENS01
Sampled By: Client
Code: 154830324

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81709-11	011GI00203	03-12-03/11:20	PENS01
81709-12	011HS02803	03-12-03/10:00	PENS01
81709-13	011GS02803	03-12-03/10:00	PENS01

PARAMETER	81709-11	81709-12	81709-13
Vanadium, ug/l	1.1B	1.0U	1.0U
Zinc, ug/l	2.6B	2.6B	1.9B
Dilution Factor	1	1	1
Prep Date	03.14.03	03.14.03	03.14.03
Analysis Date	03.18.03	03.18.03	03.18.03
Batch ID	0314K	0314K	0314K
Initial Volume	50	50	50
Final Volume	50	50	50
Mercury (7470)			
Mercury, ug/l	0.10U	0.10U	0.10U
Dilution Factor	1	1	1
Prep Date	03.18.03	03.18.03	03.18.03
Analysis Date	03.19.03	03.19.03	03.19.03
Batch ID	0318R	0318R	0318R
Initial Volume	50	50	50
Final Volume	50	50	50

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81709
Received: 13 MAR 03
Reported: 24 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-00-039-00

Project: OU2 Resampling/PENS01
Sampled By: Client
Code: 154830324

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81709-14	012GS00803	03-12-03/15:20	PENS01

PARAMETER	81709-14
Volatiles by GC/MS (8260)	
Chloromethane, ug/l	0.40U
Bromomethane (Methyl bromide), ug/l	0.49U
Vinyl chloride, ug/l	0.13U
Chloroethane, ug/l	0.86U
Methylene chloride (Dichloromethane), ug/l	0.61U
Acetone, ug/l	19J
Carbon disulfide, ug/l	0.72U
1,1-Dichloroethene, ug/l	0.31U
1,1-Dichloroethane, ug/l	0.12U
cis-1,2-Dichloroethene, ug/l	0.16U
trans-1,2-Dichloroethene, ug/l	0.36U
Chloroform, ug/l	0.12U
1,2-Dichloroethane, ug/l	0.18U
2-Butanone (MEK), ug/l	1.6J
1,1,1-Trichloroethane, ug/l	0.065U
Carbon tetrachloride, ug/l	0.15U
Bromodichloromethane, ug/l	0.18U
1,1,2,2-Tetrachloroethane, ug/l	0.17U
1,2-Dichloropropane, ug/l	0.17U
trans-1,3-Dichloropropene, ug/l	0.15U

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81709
Received: 13 MAR 03
Reported: 24 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-00-039-00

Project: OU2 Resampling/PENS01
Sampled By: Client
Code: 154830324

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81709-14	012GS00803	03-12-03/15:20	PENS01

PARAMETER	81709-14
Trichloroethene, ug/l	0.13U
Dibromochloromethane, ug/l	0.078U
1,1,2-Trichloroethane, ug/l	0.11U
Benzene, ug/l	0.096U
cis-1,3-Dichloropropene, ug/l	0.12U
Bromoform, ug/l	0.19U
2-Hexanone, ug/l	0.29U
4-Methyl-2-pentanone (MIBK), ug/l	0.27U
Tetrachloroethene, ug/l	0.43U
Toluene, ug/l	0.065U
Chlorobenzene, ug/l	0.10U
Ethylbenzene, ug/l	0.11U
Styrene, ug/l	0.20J
Xylenes, Total, ug/l	0.28U
Surrogate - Toluene-d8	98 %
Surrogate - 4-Bromofluorobenzene	92 %
Surrogate - Dibromofluoromethane	98 %
Dilution Factor	1
Prep Date	03.18.03
Analysis Date	03.18.03
Batch ID	2P0317
Initial Volume	5.00
Final Volume	5.00

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81709
Received: 13 MAR 03
Reported: 24 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-00-039-00

Project: OU2 Resampling/PENS01
Sampled By: Client
Code: 154830324

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81709-14	012GS00803	03-12-03/15:20	PENS01

PARAMETER	81709-14
TAL Metals (6010)	
Aluminum, ug/l	190B
Antimony, ug/l	3.8U
Arsenic, ug/l	3.9U
Barium, ug/l	27
Beryllium, ug/l	0.10U
Cadmium, ug/l	17
Calcium, ug/l	31000
Chromium, ug/l	0.90U
Cobalt, ug/l	0.70B
Copper, ug/l	2.3B
Iron, ug/l	2400
Lead, ug/l	6.4
Magnesium, ug/l	1400
Manganese, ug/l	1.4B
Nickel, ug/l	2.7B
Potassium, ug/l	1200
Selenium, ug/l	4.3U
Silver, ug/l	1.0U
Sodium, ug/l	13000
Thallium, ug/l	6.6U
Vanadium, ug/l	3.0B
Zinc, ug/l	540

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81709
Received: 13 MAR 03
Reported: 24 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-00-039-00

Project: OU2 Resampling/PENS01
Sampled By: Client
Code: 154830324

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81709-14	012GS00803	03-12-03/15:20	PENS01

PARAMETER	81709-14
Dilution Factor	1
Prep Date	03.14.03
Analysis Date	03.18.03
Batch ID	0314K
Initial Volume	50
Final Volume	50
Mercury (7470)	
Mercury, ug/l	0.10U
Dilution Factor	1
Prep Date	03.18.03
Analysis Date	03.19.03
Batch ID	0318R
Initial Volume	50
Final Volume	50

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81709
Received: 13 MAR 03
Reported: 24 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-00-039-00

Project: OU2 Resampling/PENS01
Sampled By: Client
Code: 154830324

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81709-14	012GS00803	03-12-03/15:20	PENS01

PARAMETER	81709-14
TCL Pesticides (8081)	
alpha-BHC, ug/l	0.0035U
beta-BHC, ug/l	0.0035U
delta-BHC, ug/l	0.0090U
gamma-BHC (Lindane), ug/l	0.0030U
Heptachlor, ug/l	0.0014U
Aldrin, ug/l	0.0086U
Heptachlor epoxide, ug/l	0.0026U
Endosulfan I, ug/l	0.0099U
Dieldrin, ug/l	0.0060U
4,4'-DDE, ug/l	0.010U
Endrin, ug/l	0.0097U
Endrin aldehyde, ug/l	0.014U
Endosulfan II, ug/l	0.0084U
4,4'-DDD, ug/l	0.016U
Endosulfan sulfate, ug/l	0.0085U
4,4'-DDT, ug/l	0.014U
Endrin ketone, ug/l	0.0072U
Methoxychlor, ug/l	0.0070U
alpha-Chlordane, ug/l	0.0084U
gamma-Chlordane, ug/l	0.0070U
Toxaphene, ug/l	0.77U
Surrogate - DCB	60 %

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • www.stl-inc.com

LOG NO: S3-81709
Received: 13 MAR 03
Reported: 24 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-00-039-00

Project: OU2 Resampling/PENS01
Sampled By: Client
Code: 154830324

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81709-14	012GS00803	03-12-03/15:20	PENS01

PARAMETER	81709-14
Surrogate - 2,4,5,6-Tetrachloro-m-xylene (TCMX)	55 %
Dilution Factor	1
Prep Date	03.14.03
Analysis Date	03.18.03
Batch ID	0314N
Initial Volume	1060
Final Volume	10.0
PCB's (8082)	
Aroclor-1016, ug/l	0.11U
Aroclor-1221, ug/l	0.50U
Aroclor-1232, ug/l	0.18U
Aroclor-1242, ug/l	0.14U
Aroclor-1248, ug/l	0.11U
Aroclor-1254, ug/l	0.20U
Aroclor-1260, ug/l	0.11U
Surrogate - TCX	55 %
Surrogate - DCB	60 %
Dilution Factor	1
Prep Date	03.14.03
Analysis Date	03.18.03
Batch ID	0314N
Initial Volume	1060
Final Volume	10.0

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81709
Received: 13 MAR 03
Reported: 24 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-00-039-00

Project: OU2 Resampling/PENS01
Sampled By: Client
Code: 154830324

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81709-15	Method Detection Limit (MDL)		PENS01
81709-16	Method Blank		PENS01
81709-17	Lab Control Standard % Recovery		PENS01
81709-21	Method Blank		PENS01
81709-22	Lab Control Standard % Recovery		PENS01

PARAMETER	81709-15	81709-16	81709-17	81709-21	81709-22
TCL Semivolatiles (8270)				---	---
Phenol, ug/l	1.0	1.0U	65 %	---	---
bis(2-Chloroethyl)ether, ug/l	1.0	1.0U	---	---	---
2-Chlorophenol, ug/l	0.79	0.79U	79 %	---	---
1,3-Dichlorobenzene, ug/l	1.0	1.0U	---	---	---
1,4-Dichlorobenzene, ug/l	1.0	1.0U	71 %	---	---
1,2-Dichlorobenzene, ug/l	1.0	1.0U	---	---	---
2-Methylphenol (o-Cresol), ug/l	0.59	0.59U	---	---	---
2,2'-Oxybis(1-Chloropropane) (bis-2-chloroisopropyl ether), ug/l	0.58	0.58U	---	---	---
3-Methylphenol/4-Methylphen ol (m&p-Cresol), ug/l	1.0	1.0U	---	---	---
N-Nitroso-di-n-propylamine, ug/l	1.0	1.0U	74 %	---	---
Hexachloroethane, ug/l	0.70	0.70U	---	---	---
Nitrobenzene, ug/l	1.0	1.0U	---	---	---
Isophorone, ug/l	1.0	1.0U	---	---	---
2-Nitrophenol, ug/l	1.1	1.1U	---	---	---
2,4-Dimethylphenol, ug/l	1.1	1.1U	---	---	---

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81709
Received: 13 MAR 03
Reported: 24 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-00-039-00

Project: OU2 Resampling/PENS01
Sampled By: Client
Code: 154830324

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81709-15	Method Detection Limit (MDL)		PENS01
81709-16	Method Blank		PENS01
81709-17	Lab Control Standard % Recovery		PENS01
81709-21	Method Blank		PENS01
81709-22	Lab Control Standard % Recovery		PENS01

PARAMETER	81709-15	81709-16	81709-17	81709-21	81709-22
bis(2-Chloroethoxy)methane, ug/l	1.0	1.0U	---	---	---
2,4-Dichlorophenol, ug/l	0.76	0.76U	---	---	---
1,2,4-Trichlorobenzene, ug/l	0.51	0.51U	74 %	---	---
4-Chloroaniline, ug/l	1.0	1.0U	---	---	---
Hexachlorobutadiene, ug/l	0.50	0.50U	---	---	---
4-Chloro-3-methylphenol, ug/l	1.0	1.0U	81 %	---	---
Hexachlorocyclopentadiene, ug/l	1.1	1.1U	---	---	---
2,4,6-Trichlorophenol, ug/l	1.1	1.1U	---	---	---
2,4,5-Trichlorophenol, ug/l	1.1	1.1U	---	---	---
2-Chloronaphthalene, ug/l	1.0	1.0U	---	---	---
2-Nitroaniline, ug/l	0.72	0.72U	---	---	---
Dimethylphthalate, ug/l	0.57	0.57U	---	---	---
3-Nitroaniline, ug/l	0.64	0.64U	---	---	---
2,4-Dinitrophenol, ug/l	10	10U	---	---	---
4-Nitrophenol, ug/l	5.0	5.0U	82 %	---	---
Dibenzofuran, ug/l	1.0	1.0U	---	---	---
2,4-Dinitrotoluene, ug/l	1.1	1.1U	94 %	---	---
2,6-Dinitrotoluene, ug/l	0.87	0.87U	---	---	---
Diethylphthalate, ug/l	1.0	1.0U	---	---	---

SEVERN TRENT STL
STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81709
Received: 13 MAR 03
Reported: 24 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-00-039-00

Project: OU2 Resampling/PENS01
Sampled By: Client
Code: 154830324

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81709-15	Method Detection Limit (MDL)		PENS01
81709-16	Method Blank		PENS01
81709-17	Lab Control Standard % Recovery		PENS01
81709-21	Method Blank		PENS01
81709-22	Lab Control Standard % Recovery		PENS01

PARAMETER	81709-15	81709-16	81709-17	81709-21	81709-22
4-Chlorophenylphenyl ether, ug/l	0.70	0.70U	---	---	---
4-Nitroaniline, ug/l	0.86	0.86U	---	---	---
4,6-Dinitro-2-methylphenol, ug/l	10	10U	---	---	---
N-Nitrosodiphenylamine, ug/l	1.0	1.0U	---	---	---
4-Bromophenylphenyl ether, ug/l	1.0	1.0U	---	---	---
Hexachlorobenzene, ug/l	0.61	0.61U	---	---	---
Pentachlorophenol, ug/l	2.0	2.0U	84 %	---	---
Di-n-butylphthalate, ug/l	1.0	1.0U	---	---	---
Butylbenzylphthalate, ug/l	0.74	0.74U	---	---	---
3,3'-Dichlorobenzidine, ug/l	1.0	1.0U	---	---	---
bis(2-Ethylhexyl)phthalate, ug/l	2.4	2.4U	---	---	---
Di-n-octylphthalate, ug/l	1.2	1.2U	---	---	---
Carbazole, ug/l	0.54	0.54U	---	---	---
Surrogate - Phenol-d5		68 %	69 %	---	---
Surrogate - 2-Fluorophenol		75 %	71 %	---	---
Surrogate - 2,4,6-Tribromophenol		79 %	92 %	---	---
Surrogate - Nitrobenzene-d5		80 %	80 %	---	---
Surrogate - 2-Fluorobiphenyl		96 %	94 %	---	---
Surrogate - Terphenyl-d14		80 %	82 %	---	---

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81709
Received: 13 MAR 03
Reported: 24 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-00-039-00

Project: OU2 Resampling/PENS01
Sampled By: Client
Code: 154830324

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81709-15	Method Detection Limit (MDL)		PENS01
81709-16	Method Blank		PENS01
81709-17	Lab Control Standard % Recovery		PENS01
81709-21	Method Blank		PENS01
81709-22	Lab Control Standard % Recovery		PENS01

PARAMETER	81709-15	81709-16	81709-17	81709-21	81709-22
Dilution Factor	---	1	1	---	---
Prep Date	---	03.14.03	03.14.03	---	---
Analysis Date	---	03.20.03	03.20.03	---	---
Batch ID	---	0314C	0314C	---	---
Initial Volume	---	1000	---	---	---
Final Volume	---	1.00	---	---	---

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81709
Received: 13 MAR 03
Reported: 24 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-00-039-00

Project: OU2 Resampling/PENS01
Sampled By: Client
Code: 154830324

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81709-15	Method Detection Limit (MDL)		PENS01
81709-16	Method Blank		PENS01
81709-17	Lab Control Standard % Recovery		PENS01
81709-21	Method Blank		PENS01
81709-22	Lab Control Standard % Recovery		PENS01

PARAMETER	81709-15	81709-16	81709-17	81709-21	81709-22
Low Level PAH (8270)				---	---
Naphthalene, ug/l	0.028	0.028U	90 %	---	---
Acenaphthylene, ug/l	0.024	0.024U	---	---	---
Acenaphthene, ug/l	0.025	0.025U	95 %	---	---
Fluorene, ug/l	0.026	0.026U	90 %	---	---
Phenanthrene, ug/l	0.025	0.025U	---	---	---
Anthracene, ug/l	0.031	0.031U	---	---	---
Fluoranthene, ug/l	0.061	0.061U	---	---	---
Pyrene, ug/l	0.042	0.042U	80 %	---	---
Chrysene, ug/l	0.088	0.088U	---	---	---
Benzo(a)anthracene, ug/l	0.070	0.070U	---	---	---
Benzo(b)fluoranthene, ug/l	0.074	0.074U	---	---	---
Benzo(k)fluoranthene, ug/l	0.058	0.058U	---	---	---
Benzo(a)pyrene, ug/l	0.060	0.060U	95 %	---	---
Indeno(1,2,3-cd)pyrene, ug/l	0.080	0.080U	---	---	---
Dibenzo(a,h)anthracene, ug/l	0.065	0.065U	---	---	---
Benzo(g,h,i)perylene, ug/l	0.096	0.096U	---	---	---
2-Methylnaphthalene, ug/l	0.022	0.022U	---	---	---
1-Methylnaphthalene, ug/l	0.028	0.028U	---	---	---

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81709
Received: 13 MAR 03
Reported: 24 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-00-039-00

Project: OU2 Resampling/PENS01
Sampled By: Client
Code: 154830324

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81709-15	Method Detection Limit (MDL)		PENS01
81709-16	Method Blank		PENS01
81709-17	Lab Control Standard % Recovery		PENS01
81709-21	Method Blank		PENS01
81709-22	Lab Control Standard % Recovery		PENS01

PARAMETER	81709-15	81709-16	81709-17	81709-21	81709-22
Surrogate - o-Terphenyl	NA	115 %	75 %	---	---
Dilution Factor	---	1	1	---	---
Prep Date	---	03.17.03	03.17.03	---	---
Analysis Date	---	03.21.03	03.21.03	---	---
Batch ID	---	0317D	0317D	---	---
Initial Volume	---	1000	---	---	---
Final Volume	---	1.00	---	---	---

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81709
Received: 13 MAR 03
Reported: 24 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-00-039-00

Project: OU2 Resampling/PENS01
Sampled By: Client
Code: 154830324

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81709-15	Method Detection Limit (MDL)		PENS01
81709-16	Method Blank		PENS01
81709-17	Lab Control Standard % Recovery		PENS01
81709-21	Method Blank		PENS01
81709-22	Lab Control Standard % Recovery		PENS01

PARAMETER	81709-15	81709-16	81709-17	81709-21	81709-22
Volatiles by GC/MS (8260)					
Chloromethane, ug/l	0.40	0.40U	---	0.40U	---
Bromomethane (Methyl bromide), ug/l	0.49	0.49U	---	0.49U	---
Vinyl chloride, ug/l	0.13	0.13U	---	0.13U	---
Chloroethane, ug/l	0.86	0.86U	---	0.86U	---
Methylene chloride (Dichloromethane), ug/l	0.61	0.61U	---	0.61U	---
Acetone, ug/l	2.3	2.3U	---	2.9J	---
Carbon disulfide, ug/l	0.72	0.72U	---	0.72U	---
1,1-Dichloroethene, ug/l	0.31	0.31U	88 %	0.31U	72 %
1,1-Dichloroethane, ug/l	0.12	0.12U	---	0.12U	---
cis-1,2-Dichloroethene, ug/l	0.16	0.16U	---	0.16U	---
trans-1,2-Dichloroethene, ug/l	0.36	0.36U	---	0.36U	---
Chloroform, ug/l	0.12	0.12U	---	0.12U	---
1,2-Dichloroethane, ug/l	0.18	0.18U	---	0.18U	---
2-Butanone (MEK), ug/l	0.48	0.48U	---	0.48U	---
1,1,1-Trichloroethane, ug/l	0.065	0.065U	---	0.20J	---
Carbon tetrachloride, ug/l	0.15	0.15U	---	0.15U	---

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81709
Received: 13 MAR 03
Reported: 24 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-00-039-00

Project: OU2 Resampling/PENS01
Sampled By: Client
Code: 154830324

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81709-15	Method Detection Limit (MDL)		PENS01
81709-16	Method Blank		PENS01
81709-17	Lab Control Standard % Recovery		PENS01
81709-21	Method Blank		PENS01
81709-22	Lab Control Standard % Recovery		PENS01

PARAMETER	81709-15	81709-16	81709-17	81709-21	81709-22
Bromodichloromethane, ug/l	0.18	0.18U	---	0.18U	---
1,1,2,2-Tetrachloroethane, ug/l	0.17	0.17U	---	0.17U	---
1,2-Dichloropropane, ug/l	0.17	0.17U	---	0.17U	---
trans-1,3-Dichloropropene, ug/l	0.15	0.15U	---	0.15U	---
Trichloroethene, ug/l	0.13	0.13U	88 %	0.13U	78 %
Dibromochloromethane, ug/l	0.078	0.078U	---	0.078U	---
1,1,2-Trichloroethane, ug/l	0.11	0.11U	---	0.11U	---
Benzene, ug/l	0.096	0.096U	88 %	0.096U	82 %
cis-1,3-Dichloropropene, ug/l	0.12	0.12U	---	0.12U	---
Bromoform, ug/l	0.19	0.19U	---	0.19U	---
2-Hexanone, ug/l	0.29	0.29U	---	0.29U	---
4-Methyl-2-pentanone (MIBK), ug/l	0.27	0.27U	---	0.27U	---
Tetrachloroethene, ug/l	0.43	0.43U	---	0.43U	---
Toluene, ug/l	0.065	0.065U	98 %	0.73J	88 %
Chlorobenzene, ug/l	0.10	0.10U	100 %	0.10U	92 %
Ethylbenzene, ug/l	0.11	0.11U	---	0.12J	---
Styrene, ug/l	0.050	0.050U	---	0.050U	---
Xylenes, Total, ug/l	0.28	0.28U	---	0.44J	---
Surrogate - Toluene-d8	96 %	96 %	96 %	98 %	98 %

SEVERN TRENT STL
STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • www.stl-inc.com

LOG NO: S3-81709
Received: 13 MAR 03
Reported: 24 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-00-039-00

Project: OU2 Resampling/PENS01
Sampled By: Client
Code: 154830324

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81709-15	Method Detection Limit (MDL)		PENS01
81709-16	Method Blank		PENS01
81709-17	Lab Control Standard % Recovery		PENS01
81709-21	Method Blank		PENS01
81709-22	Lab Control Standard % Recovery		PENS01

PARAMETER	81709-15	81709-16	81709-17	81709-21	81709-22
Surrogate - 4-Bromofluorobenzene	94 %	94 %	96 %	90 %	88 %
Surrogate - Dibromofluoromethane	108 %	108 %	104 %	96 %	96 %
Dilution Factor	---	1	1	1	1
Prep Date	---	03.18.03	03.17.03	03.19.03	03.19.03
Analysis Date	---	03.18.03	03.17.03	03.19.03	03.19.03
Batch ID	---	2P0317	2P0317	2P0319	2P0319
Initial Volume	---	5.00	---	5.00	---
Final Volume	---	5.00	---	5.00	---

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81709
Received: 13 MAR 03
Reported: 24 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-00-039-00

Project: OU2 Resampling/PENS01
Sampled By: Client
Code: 154830324

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81709-15	Method Detection Limit (MDL)		PENS01
81709-16	Method Blank		PENS01
81709-17	Lab Control Standard % Recovery		PENS01
81709-21	Method Blank		PENS01
81709-22	Lab Control Standard % Recovery		PENS01

PARAMETER	81709-15	81709-16	81709-17	81709-21	81709-22
TCL Pesticides (8081)				---	---
alpha-BHC, ug/l	0.0035	0.0035U	63 %	---	---
beta-BHC, ug/l	0.0035	0.0035U	90 %	---	---
delta-BHC, ug/l	0.0090	0.0090U	74 %	---	---
gamma-BHC (Lindane), ug/l	0.0030	0.0030U	68 %	---	---
Heptachlor, ug/l	0.014	0.0014U	76 %	---	---
Aldrin, ug/l	0.0086	0.0086U	72 %	---	---
Heptachlor epoxide, ug/l	0.0026	0.0026U	81 %	---	---
Endosulfan I, ug/l	0.0099	0.0099U	80 %	---	---
Dieldrin, ug/l	0.0060	0.0060U	85 %	---	---
4,4'-DDE, ug/l	0.010	0.010U	85 %	---	---
Endrin, ug/l	0.0097	0.0097U	85 %	---	---
Endrin aldehyde, ug/l	0.014	0.014U	85 %	---	---
Endosulfan II, ug/l	0.0084	0.0084U	85 %	---	---
4,4'-DDD, ug/l	0.016	0.016U	85 %	---	---
Endosulfan sulfate, ug/l	0.0085	0.0085U	95 %	---	---
4,4'-DDT, ug/l	0.014	0.014U	85 %	---	---
Endrin ketone, ug/l	0.0072	0.0072U	85 %	---	---
Methoxychlor, ug/l	0.0070	0.0070U	90 %	---	---

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81709
Received: 13 MAR 03
Reported: 24 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-00-039-00

Project: OU2 Resampling/PENS01
Sampled By: Client
Code: 154830324

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81709-15	Method Detection Limit (MDL)		PENS01
81709-16	Method Blank		PENS01
81709-17	Lab Control Standard % Recovery		PENS01
81709-21	Method Blank		PENS01
81709-22	Lab Control Standard % Recovery		PENS01

PARAMETER	81709-15	81709-16	81709-17	81709-21	81709-22
alpha-Chlordane, ug/l	0.0084	0.0084U	79 %	---	---
gamma-Chlordane, ug/l	0.0070	0.0070U	80 %	---	---
Toxaphene, ug/l	0.77	0.77U	---	---	---
Surrogate - DCB	NA	66 %	64 %	---	---
Surrogate - 2,4,5,6-Tetrachloro-m-xylene (TCMX)	NA	70 %	68 %	---	---
Dilution Factor	---	1	1	---	---
Prep Date	---	03.14.03	03.14.03	---	---
Analysis Date	---	03.18.03	03.18.03	---	---
Batch ID	---	0314N	0314N	---	---
Initial Volume	---	1000	---	---	---
Final Volume	---	10.0	---	---	---

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81709
Received: 13 MAR 03
Reported: 24 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-00-039-00

Project: OU2 Resampling/PENS01
Sampled By: Client
Code: 154830324

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81709-15	Method Detection Limit (MDL)		PENS01
81709-16	Method Blank		PENS01
81709-17	Lab Control Standard % Recovery		PENS01
81709-21	Method Blank		PENS01
81709-22	Lab Control Standard % Recovery		PENS01

PARAMETER	81709-15	81709-16	81709-17	81709-21	81709-22
PCB's (8082)				---	---
Aroclor-1016, ug/l	0.11	0.11U	69 %	---	---
Aroclor-1221, ug/l	0.50	0.50U	---	---	---
Aroclor-1232, ug/l	0.18	0.18U	---	---	---
Aroclor-1242, ug/l	0.14	0.14U	---	---	---
Aroclor-1248, ug/l	0.11	0.11U	---	---	---
Aroclor-1254, ug/l	0.20	0.20U	---	---	---
Aroclor-1260, ug/l	0.11	0.11U	89 %	---	---
Surrogate - DCB	NA	66 %	70 %	---	---
Surrogate - TCX	---	70 %	50 %	---	---
Dilution Factor	---	1	1	---	---
Prep Date	---	03.14.03	03.14.03	---	---
Analysis Date	---	03.18.03	03.18.03	---	---
Batch ID	---	0314N	0314N	---	---
Initial Volume	---	1000	---	---	---
Final Volume	---	10.0	---	---	---

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81709
Received: 13 MAR 03
Reported: 24 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-00-039-00

Project: OU2 Resampling/PENS01
Sampled By: Client
Code: 154830324

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81709-18	Instrument Detection Limit (IDL)		PENS01
81709-19	Method Blank		PENS01
81709-20	Lab Control Standard % Recovery		PENS01

PARAMETER	81709-18	81709-19	81709-20
TAL Metals (6010)			
Aluminum, ug/l	11	11U	103 %
Antimony, ug/l	3.8	5.1B	105 %
Arsenic, ug/l	3.9	3.9U	103 %
Barium, ug/l	0.50	0.50U	107 %
Beryllium, ug/l	0.10	0.10U	106 %
Cadmium, ug/l	0.40	0.40U	105 %
Calcium, ug/l	6.4	14B	105 %
Chromium, ug/l	0.90	0.90U	106 %
Cobalt, ug/l	0.70	0.70U	106 %
Copper, ug/l	0.80	0.80U	107 %
Iron, ug/l	16	16U	105 %
Lead, ug/l	1.9	1.9U	105 %
Magnesium, ug/l	7.4	7.4U	102 %
Manganese, ug/l	0.50	0.50U	107 %
Nickel, ug/l	1.2	1.2U	108 %
Potassium, ug/l	17	17U	103 %
Selenium, ug/l	4.3	4.3U	104 %
Silver, ug/l	1.0	1.0U	105 %
Sodium, ug/l	170	170U	100 %
Thallium, ug/l	6.6	6.6U	108 %

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81709
Received: 13 MAR 03
Reported: 24 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-00-039-00

Project: OU2 Resampling/PENS01
Sampled By: Client
Code: 154830324

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81709-18	Instrument Detection Limit (IDL)		PENS01
81709-19	Method Blank		PENS01
81709-20	Lab Control Standard % Recovery		PENS01

PARAMETER	81709-18	81709-19	81709-20
Vanadium, ug/l	1.0	1.0U	104 %
Zinc, ug/l	1.8	1.8U	107 %
Dilution Factor	---	1	1
Prep Date	---	03.14.03	03.14.03
Analysis Date	---	03.18.03	03.18.03
Batch ID	---	0314K	0314K
Initial Volume	---	50	---
Final Volume	---	50	---
Mercury (7470)			
Mercury, ug/l	0.10	0.10U	94 %
Dilution Factor	---	1	1
Prep Date	---	03.18.03	03.18.03
Analysis Date	---	03.19.03	03.19.03
Batch ID	---	0318R	0318R
Initial Volume	---	50	---
Final Volume	---	50	---

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • www.stl-inc.com

LOG NO: S3-81709
Received: 13 MAR 03
Reported: 24 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-00-039-00

Project: OU2 Resampling/PENS01
Sampled By: Client
Code: 154830324

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
PARAMETER			

These test results meet all the requirements of NELAC. All questions regarding this test report should be directed to the STL Project Manager who signed this test report.
SW-846, Test Methods for Evaluating Solid Waste, Third Edition, September 1986, and Updates I, II, IIA, IIB, and III.

U = Indicates compound was analyzed for but not detected.

J = The flag "J" indicates the presence of a compound that meets the identification criteria, but the result is less than the sample RL and greater than the MDL.
B (Organic) = This flag is used when the analyte is found in the associated method blank as well as in the sample.

B (Inorganic) = This flag indicates the reported value was obtained from a reading that was less than the Project Reporting Limits but greater than or equal to the Method Detection Limit (MDL).

Linda A Wolfe
Linda A. Wolfe, Project Manager

Final Page Of Report

ENSAFE

800-588-7962
MEMPHIS, TENNESSEE
CHARLESTON,SC; CINCINNATI,OH; DALLAS,TX; JACKSON,TN; KNOXVILLE,TN; LANCASTER,PA; NASHVILLE,TN; NORFOLK,VA; PADUCAH,KY; PENSACOLA,FL; RALEIGH,NC; COLOGNE, GERMANY

CHAIN OF CUSTODY RECORD

PAGE 1 OF 1
PROJECT/JOB NO: 0059-001-08-600-00
COC NO:
PO NO: ~~5572~~
REL NO:
LAB NAME:

CLIENT ENSAFE
PROJECT MANAGER ALLISON HARRIS
LOCATION NAS PENSACOLA
TELE/FAX NO. 901-372-2454
SAMPLERS: (SIGNATURE)

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	ANALYSIS REQUIRED: SVOCs/PAHs	VOCs	METALS	PEST/PCBs	REMARKS
012GS01403	3/12/03	0945	GW	4-1L Amber	4°C	None	4	X				
012GS01003		1055		40mL Glass	4°C	HCl	3		X			
012HS01003		1055		"	4°C	HCl	3		X			
012GS00603		1145		"	4°C	HCl	3		X			
012GS00903		1415		1-250mL Poly	4°C	HNO_3	1			X		
012HS00903		1415		1-250mL Poly	4°C	HNO_3	1			X		
011GI00803	3-11-03	1700	GW	40ml glass / 250 poly	4°C	HCl/HNO_3	4	X	X	X		
011GI00403	3-12-03	1430		250 poly	4°C	HNO_3	1			X		
011GI00203	"	1120		40 ml glass / 250 poly	4°C	HCl/HNO_3	4		X	X		
011HS02803	"	1000		40 ml glass / 250 poly	4°C	HCl/HNO_3	4		X	X		
011GS02803	"	1000		40ml glass / 250 poly	4°C	HCl/HNO_3	4		X	X		
011GS01503	"	1145		~~40ml glass~~ / 250 poly	4°C	HNO_3	1			X		
012GS00803	3-12-03	1520	GW	40 ml glass / 250 poly 2-1L Amber	4°C	HCl/HNO_3	6		X	X	X	
059TG00001	3-12-03	0800	#	40 ml. glass	4°C	HCl	3		X			

RELINQUISHER	DATE	RECEIVER	DATE	RELINQUISHER	DATE	RECEIVER	DATE
PRINTED:	TIME	PRINTED:	TIME	PRINTED:	TIME	PRINTED:	TIME
COMPANY: ENSAFE	1700	COMPANY: STL SAV	0930	COMPANY:		COMPANY:	

METHOD OF SHIPMENT: FEDEX
SHIPMENT NO. 835940801334
SEND RESULTS TO:

COMMENTS:

ANALYTICAL DATA RECEIVED BY (INITIALS/DATE) 5381-709

ENSCOC2
REV. 05/98

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • www.stl-inc.com

LOG NO: S3-81737
Received: 14 MAR 03
Reported: 25 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS02
Sampled By: Client
Code: 165430325

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81737-1	012GS00103	03-13-03/12:00	PENS02
81737-2	030GI17003	03-13-03/15:30	PENS02
81737-2-DL	030GI17003	03-13-03/15:30	PENS02
81737-3	011GI01503	03-13-03/13:35	PENS02
81737-4	030GS10103	03-13-03/14:40	PENS02

PARAMETER	81737-1	81737-2	81737-2-DL	81737-3	81737-4
Volatiles by GC/MS (8260)					
Chloromethane, ug/l	0.40U	0.49J	0.82DJ	0.40U	0.40U
Bromomethane (Methyl bromide), ug/l	0.49U	0.49U	0.98U	0.49U	0.49U
Vinyl chloride, ug/l	0.13U	3.8	5.8D	0.13U	0.13U
Chloroethane, ug/l	0.86U	0.86U	1.7U	0.86U	0.86U
Methylene chloride (Dichloromethane), ug/l	0.61U	0.61U	1.2U	0.61U	0.61U
Acetone, ug/l	2.3U	2.3U	4.6U	6.7JB	14JB
Carbon disulfide, ug/l	0.72U	0.72U	1.4U	0.72U	0.72U
1,1-Dichloroethene, ug/l	0.31U	0.65J	0.76DJ	0.31U	0.31U
1,1-Dichloroethane, ug/l	0.12U	0.25J	0.26DJ	0.12U	0.12U
cis-1,2-Dichloroethene, ug/l	0.16U	100	90D	0.16U	0.16U
trans-1,2-Dichloroethene, ug/l	0.36U	3.1	3.1D	0.36U	0.36U
Chloroform, ug/l	0.23J	0.12U	0.24U	0.12U	0.12U
1,2-Dichloroethane, ug/l	0.18U	0.18U	0.36U	0.18U	0.18U
2-Butanone (MEK), ug/l	0.90J	0.48U	0.96U	1.6J	1.2J
1,1,1-Trichloroethane, ug/l	0.065U	0.065U	0.13U	0.065U	0.065U
Carbon tetrachloride, ug/l	0.15U	0.15U	0.30U	0.15U	0.15U

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81737
Received: 14 MAR 03
Reported: 25 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS02
Sampled By: Client
Code: 165430325

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81737-1	012GS00103	03-13-03/12:00	PENS02
81737-2	030GI17003	03-13-03/15:30	PENS02
81737-2-DL	030GI17003	03-13-03/15:30	PENS02
81737-3	011GI01503	03-13-03/13:35	PENS02
81737-4	030GS10103	03-13-03/14:40	PENS02

PARAMETER	81737-1	81737-2	81737-2-DL	81737-3	81737-4
Bromodichloromethane, ug/l	0.18U	0.18U	0.36U	0.18U	0.18U
1,1,2,2-Tetrachloroethane, ug/l	0.17U	0.17U	0.34U	0.17U	0.17U
1,2-Dichloropropane, ug/l	0.17U	0.17U	0.34U	0.17U	0.17U
trans-1,3-Dichloropropene, ug/l	0.15U	0.15U	0.30U	0.15U	0.15U
Trichloroethene, ug/l	0.14J	330E	310D	0.16J	0.13U
Dibromochloromethane, ug/l	0.078U	0.078U	0.16U	0.078U	0.078U
1,1,2-Trichloroethane, ug/l	0.11U	0.11U	0.22U	0.11U	0.11U
Benzene, ug/l	0.096U	0.096U	0.19U	0.096U	0.11J
cis-1,3-Dichloropropene, ug/l	0.12U	0.12U	0.24U	0.12U	0.12U
Bromoform, ug/l	0.19U	0.19U	0.38U	0.19U	0.19U
2-Hexanone, ug/l	0.29U	0.29U	0.58U	0.29U	0.29U
4-Methyl-2-pentanone (MIBK), ug/l	0.27U	0.27U	0.54U	0.27U	0.27U
Tetrachloroethene, ug/l	0.43U	0.98J	0.92DJ	0.43U	0.43U
Toluene, ug/l	0.065U	0.10J	0.13U	0.092JB	0.11JB
Chlorobenzene, ug/l	0.10U	0.80J	0.79DJ	0.10U	0.10U
Ethylbenzene, ug/l	0.11U	0.11U	0.22U	0.11U	0.11U
Styrene, ug/l	0.15J	0.19J	0.21DJ	0.087J	0.19J
Xylenes, Total, ug/l	0.28U	0.28U	0.56U	0.28U	0.28U
Surrogate - Toluene-d8	94 %	98 %	94 %	94 %	98 %

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81737
Received: 14 MAR 03
Reported: 25 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS02
Sampled By: Client
Code: 165430325

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81737-1	012GS00103	03-13-03/12:00	PENS02
81737-2	030GI17003	03-13-03/15:30	PENS02
81737-2-DL	030GI17003	03-13-03/15:30	PENS02
81737-3	011GI01503	03-13-03/13:35	PENS02
81737-4	030GS10103	03-13-03/14:40	PENS02

PARAMETER	81737-1	81737-2	81737-2-DL	81737-3	81737-4
Surrogate - 4-Bromofluorobenzene	82 %	88 %	82 %	80 %	90 %
Surrogate - Dibromofluoromethane	94 %	94 %	94 %	94 %	92 %
Dilution Factor	1	1	2	1	1
Prep Date	03.19.03	03.19.03	03.19.03	03.19.03	03.19.03
Analysis Date	03.19.03	03.19.03	03.19.03	03.19.03	03.19.03
Batch ID	2P0319	2P0319	2P0319	2P0319	2P0319
Initial Volume	5.00	5.00	5.00	5.00	5.00
Final Volume	5.00	5.00	5.00	5.00	5.00

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81737
Received: 14 MAR 03
Reported: 25 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS02
Sampled By: Client
Code: 165430325

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81737-5	059TG00002	03-13-03	PENS02

PARAMETER	81737-5
Volatiles by GC/MS (8260)	
Chloromethane, ug/l	0.40U
Bromomethane (Methyl bromide), ug/l	0.49U
Vinyl chloride, ug/l	0.13U
Chloroethane, ug/l	0.86U
Methylene chloride (Dichloromethane), ug/l	0.61U
Acetone, ug/l	6.6JB
Carbon disulfide, ug/l	0.72U
1,1-Dichloroethene, ug/l	0.31U
1,1-Dichloroethane, ug/l	0.12U
cis-1,2-Dichloroethene, ug/l	0.16U
trans-1,2-Dichloroethene, ug/l	0.36U
Chloroform, ug/l	0.12U
1,2-Dichloroethane, ug/l	0.18U
2-Butanone (MEK), ug/l	1.0J
1,1,1-Trichloroethane, ug/l	0.065U
Carbon tetrachloride, ug/l	0.15U
Bromodichloromethane, ug/l	0.18U
1,1,2,2-Tetrachloroethane, ug/l	0.17U
1,2-Dichloropropane, ug/l	0.17U
trans-1,3-Dichloropropene, ug/l	0.15U

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81737
Received: 14 MAR 03
Reported: 25 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS02
Sampled By: Client
Code: 165430325

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81737-5	059TG00002	03-13-03	PENS02

PARAMETER	81737-5
Trichloroethene, ug/l	0.13U
Dibromochloromethane, ug/l	0.078U
1,1,2-Trichloroethane, ug/l	0.11U
Benzene, ug/l	0.39J
cis-1,3-Dichloropropene, ug/l	0.12U
Bromoform, ug/l	0.19U
2-Hexanone, ug/l	0.29U
4-Methyl-2-pentanone (MIBK), ug/l	0.27U
Tetrachloroethene, ug/l	0.43U
Toluene, ug/l	0.21JB
Chlorobenzene, ug/l	0.10U
Ethylbenzene, ug/l	0.17JB
Styrene, ug/l	2.2
Xylenes, Total, ug/l	0.28U
Surrogate - Toluene-d8	92 %
Surrogate - 4-Bromofluorobenzene	82 %
Surrogate - Dibromofluoromethane	94 %
Dilution Factor	1
Prep Date	03.19.03
Analysis Date	03.19.03
Batch ID	2P0319
Initial Volume	5.00
Final Volume	5.00

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81737
Received: 14 MAR 03
Reported: 25 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS02
Sampled By: Client
Code: 165430325

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81737-6	011GS04703	03-13-03/11:15	PENS02
81737-7	0116S00703	03-13-03/11:00	PENS02

PARAMETER	81737-6	81737-7
TCL Semivolatiles (8270)		
Phenol, ug/l	1.0U	1.0U
bis(2-Chloroethyl)ether, ug/l	1.0U	1.0U
2-Chlorophenol, ug/l	0.79U	0.79U
1,3-Dichlorobenzene, ug/l	1.0U	1.0U
1,4-Dichlorobenzene, ug/l	1.0U	1.0U
1,2-Dichlorobenzene, ug/l	1.0U	1.0U
2-Methylphenol (o-Cresol), ug/l	0.59U	0.59U
2,2'-Oxybis(1-Chloropropane) (bis-2-chloroisopropyl ether), ug/l	0.58U	0.58U
3-Methylphenol/4-Methylphen ol (m&p-Cresol), ug/l	1.0U	1.0U
N-Nitroso-di-n-propylamine, ug/l	1.0U	1.0U
Hexachloroethane, ug/l	0.70U	0.70U
Nitrobenzene, ug/l	1.0U	1.0U
Isophorone, ug/l	1.0U	1.0U
2-Nitrophenol, ug/l	1.1U	1.1U
2,4-Dimethylphenol, ug/l	1.1U	1.1U
bis(2-Chloroethoxy)methane, ug/l	1.0U	1.0U
2,4-Dichlorophenol, ug/l	0.76U	0.76U
1,2,4-Trichlorobenzene, ug/l	0.51U	0.51U

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • www.stl-inc.com

LOG NO: S3-81737
Received: 14 MAR 03
Reported: 25 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS02
Sampled By: Client
Code: 165430325

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81737-6	011GS04703	03-13-03/11:15	PENS02
81737-7	0116S00703	03-13-03/11:00	PENS02

PARAMETER	81737-6	81737-7
4-Chloroaniline, ug/l	1.0U	1.0U
Hexachlorobutadiene, ug/l	0.50U	0.50U
4-Chloro-3-methylphenol, ug/l	1.0U	1.0U
Hexachlorocyclopentadiene, ug/l	1.1U	1.1U
2,4,6-Trichlorophenol, ug/l	1.1U	1.1U
2,4,5-Trichlorophenol, ug/l	1.1U	1.1U
2-Chloronaphthalene, ug/l	1.0U	1.0U
2-Nitroaniline, ug/l	0.72U	0.72U
Dimethylphthalate, ug/l	0.57U	0.57U
3-Nitroaniline, ug/l	0.64U	0.64U
2,4-Dinitrophenol, ug/l	10U	10U
4-Nitrophenol, ug/l	5.0U	5.0U
Dibenzofuran, ug/l	1.0U	1.0U
2,4-Dinitrotoluene, ug/l	1.1U	1.1U
2,6-Dinitrotoluene, ug/l	0.87U	0.87U
Diethylphthalate, ug/l	1.0U	1.0U
4-Chlorophenylphenyl ether, ug/l	0.70U	0.70U
4-Nitroaniline, ug/l	0.86U	0.86U
4,6-Dinitro-2-methylphenol, ug/l	10U	10U
N-Nitrosodiphenylamine, ug/l	1.0U	1.0U
4-Bromophenylphenyl ether, ug/l	1.0U	1.0U
Hexachlorobenzene, ug/l	0.61U	0.61U

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81737
Received: 14 MAR 03
Reported: 25 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS02
Sampled By: Client
Code: 165430325

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81737-6	011GS04703	03-13-03/11:15	PENS02
81737-7	0116S00703	03-13-03/11:00	PENS02

PARAMETER	81737-6	81737-7
Pentachlorophenol, ug/l	2.0U	2.0U
Di-n-butylphthalate, ug/l	1.0U	1.0U
Butylbenzylphthalate, ug/l	0.74U	0.74U
3,3'-Dichlorobenzidine, ug/l	1.0U	1.0U
bis(2-Ethylhexyl)phthalate, ug/l	2.4U	2.4U
Di-n-octylphthalate, ug/l	1.2U	1.2U
Carbazole, ug/l	0.54U	0.54U
Surrogate - Phenol-d5	100 %	100 %
Surrogate - 2-Fluorophenol	89 %	91 %
Surrogate - 2,4,6-Tribromophenol	130 %	118 %
Surrogate - Nitrobenzene-d5	96 %	102 %
Surrogate - 2-Fluorobiphenyl	100 %	104 %
Surrogate - Terphenyl-d14	94 %	93 %
Dilution Factor	1	1
Prep Date	03.17.03	03.17.03
Analysis Date	03.21.03	03.21.03
Batch ID	0317C	0317C
Initial Volume	1000	900
Final Volume	1.00	1.00

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81737
Received: 14 MAR 03
Reported: 25 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS02
Sampled By: Client
Code: 165430325

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81737-6	011GS04703	03-13-03/11:15	PENS02
81737-7	0116S00703	03-13-03/11:00	PENS02

PARAMETER	81737-6	81737-7
Low Level PAH (8270)		
Naphthalene, ug/l	5.2	0.028U
Acenaphthylene, ug/l	0.12U	0.024U
Acenaphthene, ug/l	0.12U	0.025U
Fluorene, ug/l	0.61	0.026U
Phenanthrene, ug/l	0.23	0.025U
Anthracene, ug/l	0.16U	0.031U
Fluoranthene, ug/l	0.30U	0.061U
Pyrene, ug/l	0.21U	0.042U
Chrysene, ug/l	0.44U	0.088U
Benzo(a)anthracene, ug/l	0.35U	0.070U
Benzo(b)fluoranthene, ug/l	0.37U	0.074U
Benzo(k)fluoranthene, ug/l	0.29U	0.058U
Benzo(a)pyrene, ug/l	0.30U	0.060U
Indeno(1,2,3-cd)pyrene, ug/l	0.40U	0.080U
Dibenzo(a,h)anthracene, ug/l	0.32U	0.065U
Benzo(g,h,i)perylene, ug/l	0.48U	0.096U
2-Methylnaphthalene, ug/l	39	0.022U
1-Methylnaphthalene, ug/l	28	0.028U
Surrogate - o-Terphenyl	0 %D	75 %
Dilution Factor	5	1
Prep Date	03.17.03	03.17.03
Analysis Date	03.21.03	03.21.03
Batch ID	0317D	0317D
Initial Volume	950	1000
Final Volume	1.00	1.00

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81737
Received: 14 MAR 03
Reported: 25 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS02
Sampled By: Client
Code: 165430325

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81737-6	011GS04703	03-13-03/11:15	PENS02
81737-7	0116S00703	03-13-03/11:00	PENS02

PARAMETER	81737-6	81737-7
Volatiles by GC/MS (8260)		
Chloromethane, ug/l	0.40U	0.40U
Bromomethane (Methyl bromide), ug/l	0.49U	0.49U
Vinyl chloride, ug/l	12	0.13U
Chloroethane, ug/l	0.86U	0.86U
Methylene chloride (Dichloromethane), ug/l	0.61U	0.61U
Acetone, ug/l	8.7JB	14JB
Carbon disulfide, ug/l	0.72U	0.72U
1,1-Dichloroethene, ug/l	0.31U	0.31U
1,1-Dichloroethane, ug/l	0.12U	0.12U
cis-1,2-Dichloroethene, ug/l	2.3	0.16U
trans-1,2-Dichloroethene, ug/l	0.36U	0.36U
Chloroform, ug/l	0.12U	0.12U
1,2-Dichloroethane, ug/l	0.18U	0.18U
2-Butanone (MEK), ug/l	0.48U	1.2J
1,1,1-Trichloroethane, ug/l	0.065U	0.065U
Carbon tetrachloride, ug/l	0.15U	0.15U
Bromodichloromethane, ug/l	0.18U	0.18U
1,1,2,2-Tetrachloroethane, ug/l	0.17U	0.17U
1,2-Dichloropropane, ug/l	0.17U	0.17U

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81737
Received: 14 MAR 03
Reported: 25 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS02
Sampled By: Client
Code: 165430325

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81737-6	011GS04703	03-13-03/11:15	PENS02
81737-7	0116S00703	03-13-03/11:00	PENS02

PARAMETER	81737-6	81737-7
trans-1,3-Dichloropropene, ug/l	0.15U	0.15U
Trichloroethene, ug/l	0.20J	0.13U
Dibromochloromethane, ug/l	0.078U	0.078U
1,1,2-Trichloroethane, ug/l	0.11U	0.11U
Benzene, ug/l	11	0.096U
cis-1,3-Dichloropropene, ug/l	0.12U	0.12U
Bromoform, ug/l	0.19U	0.19U
2-Hexanone, ug/l	0.29U	0.29U
4-Methyl-2-pentanone (MIBK), ug/l	0.27U	0.27U
Tetrachloroethene, ug/l	0.43U	0.43U
Toluene, ug/l	4.5B	0.075JB
Chlorobenzene, ug/l	0.10U	0.10U
Ethylbenzene, ug/l	59B	0.11U
Styrene, ug/l	0.50J	0.18J
Xylenes, Total, ug/l	170B	0.28U
Surrogate - Toluene-d8	98 %	92 %
Surrogate - 4-Bromofluorobenzene	90 %	82 %
Surrogate - Dibromofluoromethane	86 %	92 %
Dilution Factor	1	1
Prep Date	03.19.03	03.19.03
Analysis Date	03.19.03	03.19.03
Batch ID	2P0319	2P0319
Initial Volume	5.00	5.00
Final Volume	5.00	5.00

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81737
Received: 14 MAR 03
Reported: 25 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS02
Sampled By: Client
Code: 165430325

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81737-6	011GS04703	03-13-03/11:15	PENS02
81737-7	0116S00703	03-13-03/11:00	PENS02

PARAMETER	81737-6	81737-7
TAL Metals (6010)		
Aluminum, ug/l	44B	230
Antimony, ug/l	3.8U	3.8U
Arsenic, ug/l	3.9U	3.9U
Barium, ug/l	76	150
Beryllium, ug/l	0.10U	0.10U
Cadmium, ug/l	0.40U	33
Calcium, ug/l	20000	17000
Chromium, ug/l	1.5B	26
Cobalt, ug/l	0.73B	1.7B
Copper, ug/l	0.80U	120
Iron, ug/l	2100	540
Lead, ug/l	1.9U	42
Magnesium, ug/l	1400	2400
Manganese, ug/l	240	40
Nickel, ug/l	1.2U	13B
Potassium, ug/l	610B	860B
Selenium, ug/l	4.3U	4.3U
Silver, ug/l	1.0U	1.4B
Sodium, ug/l	2300	6300
Thallium, ug/l	6.6U	6.6U
Vanadium, ug/l	2.0B	1.4B

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81737
Received: 14 MAR 03
Reported: 25 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS02
Sampled By: Client
Code: 165430325

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81737-6	011GS04703	03-13-03/11:15	PENS02
81737-7	0116S00703	03-13-03/11:00	PENS02

PARAMETER	81737-6	81737-7
Zinc, ug/l	4.1B	1600
Dilution Factor	1	1
Prep Date	03.20.03	03.20.03
Analysis Date	03.21.03	03.21.03
Batch ID	0320G	0320G
Initial Volume	50	50
Final Volume	50	50
Mercury (7470)		
Mercury, ug/l	0.10U	0.10U
Dilution Factor	1	1
Prep Date	03.18.03	03.18.03
Analysis Date	03.19.03	03.19.03
Batch ID	0318R	0318R
Initial Volume	50	50
Final Volume	50	50

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81737
Received: 14 MAR 03
Reported: 25 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS02
Sampled By: Client
Code: 165430325

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81737-8	011GS00503	03-13-03/11:00	PENS02
81737-9	030GS17003	03-13-03/15:30	PENS02

PARAMETER	81737-8	81737-9
Volatiles by GC/MS (8260)		
Chloromethane, ug/l	0.40U	0.40U
Bromomethane (Methyl bromide), ug/l	0.49U	0.49U
Vinyl chloride, ug/l	0.13U	0.13U
Chloroethane, ug/l	0.86U	0.86U
Methylene chloride (Dichloromethane), ug/l	0.61U	0.61U
Acetone, ug/l	7.8JB	5.9JB
Carbon disulfide, ug/l	0.72U	0.72U
1,1-Dichloroethene, ug/l	0.31U	0.31U
1,1-Dichloroethane, ug/l	0.12U	0.13J
cis-1,2-Dichloroethene, ug/l	4.5	0.16U
trans-1,2-Dichloroethene, ug/l	0.36U	0.36U
Chloroform, ug/l	0.12U	9.6
1,2-Dichloroethane, ug/l	0.18U	0.18U
2-Butanone (MEK), ug/l	0.48U	0.48U
1,1,1-Trichloroethane, ug/l	0.065U	0.065U
Carbon tetrachloride, ug/l	0.15U	0.15U
Bromodichloromethane, ug/l	0.18U	0.18U
1,1,2,2-Tetrachloroethane, ug/l	0.17U	0.17U
1,2-Dichloropropane, ug/l	0.17U	0.17U

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81737
Received: 14 MAR 03
Reported: 25 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS02
Sampled By: Client
Code: 165430325

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81737-8	011GS00503	03-13-03/11:00	PENS02
81737-9	030GS17003	03-13-03/15:30	PENS02

PARAMETER	81737-8	81737-9
trans-1,3-Dichloropropene, ug/l	0.15U	0.15U
Trichloroethene, ug/l	0.35J	0.20J
Dibromochloromethane, ug/l	0.078U	0.078U
1,1,2-Trichloroethane, ug/l	0.11U	0.11U
Benzene, ug/l	0.12J	0.096U
cis-1,3-Dichloropropene, ug/l	0.12U	0.12U
Bromoform, ug/l	0.19U	0.19U
2-Hexanone, ug/l	0.29U	0.29U
4-Methyl-2-pentanone (MIBK), ug/l	0.27U	0.27U
Tetrachloroethene, ug/l	0.43U	0.43U
Toluene, ug/l	0.76JB	0.065U
Chlorobenzene, ug/l	0.10U	0.10U
Ethylbenzene, ug/l	0.59JB	0.11JB
Styrene, ug/l	0.30J	0.14J
Xylenes, Total, ug/l	4.8B	0.28JB
Surrogate - Toluene-d8	98 %	94 %
Surrogate - 4-Bromofluorobenzene	90 %	80 %
Surrogate - Dibromofluoromethane	92 %	92 %
Dilution Factor	1	1
Prep Date	03.19.03	03.19.03
Analysis Date	03.19.03	03.19.03
Batch ID	2P0319	2P0319
Initial Volume	5.00	5.00
Final Volume	5.00	5.00

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81737
Received: 14 MAR 03
Reported: 25 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS02
Sampled By: Client
Code: 165430325

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81737-8	011GS00503	03-13-03/11:00	PENS02
81737-9	030GS17003	03-13-03/15:30	PENS02

PARAMETER	81737-8	81737-9
TAL Metals (6010)		
Aluminum, ug/l	490	240
Antimony, ug/l	3.8U	3.8U
Arsenic, ug/l	3.9U	3.9U
Barium, ug/l	49	17
Beryllium, ug/l	0.10U	0.10U
Cadmium, ug/l	0.40U	3.2B
Calcium, ug/l	11000	32000
Chromium, ug/l	3.5B	21
Cobalt, ug/l	1.4B	1.5B
Copper, ug/l	2.2B	1.5B
Iron, ug/l	1700	220
Lead, ug/l	9.7	1.9U
Magnesium, ug/l	1400	1900
Manganese, ug/l	45	100
Nickel, ug/l	1.5B	1.2U
Potassium, ug/l	1100	1900
Selenium, ug/l	4.3U	4.3U
Silver, ug/l	1.0U	1.0U
Sodium, ug/l	8200	12000
Thallium, ug/l	6.6U	6.6U
Vanadium, ug/l	3.2B	1.4B

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81737
Received: 14 MAR 03
Reported: 25 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS02
Sampled By: Client
Code: 165430325

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81737-8	011GS00503	03-13-03/11:00	PENS02
81737-9	030GS17003	03-13-03/15:30	PENS02

PARAMETER	81737-8	81737-9
Zinc, ug/l	2.9B	1.8U
Dilution Factor	1	1
Prep Date	03.20.03	03.20.03
Analysis Date	03.21.03	03.21.03
Batch ID	0320G	0320G
Initial Volume	50	50
Final Volume	50	50
Mercury (7470)		
Mercury, ug/l	0.10U	0.10U
Dilution Factor	1	1
Prep Date	03.18.03	03.18.03
Analysis Date	03.19.03	03.19.03
Batch ID	0318R	0318R
Initial Volume	50	50
Final Volume	50	50

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81737
Received: 14 MAR 03
Reported: 25 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS02
Sampled By: Client
Code: 165430325

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81737-10	030GS10303	03-13-03/16:35	PENS02

PARAMETER	81737-10
TAL Metals (6010)	
Aluminum, ug/l	96B
Antimony, ug/l	3.8U
Arsenic, ug/l	3.9U
Barium, ug/l	260
Beryllium, ug/l	0.10U
Cadmium, ug/l	1.8B
Calcium, ug/l	170000
Chromium, ug/l	7.1B
Cobalt, ug/l	0.80B
Copper, ug/l	9.2B
Iron, ug/l	2700
Lead, ug/l	73
Magnesium, ug/l	12000
Manganese, ug/l	110
Nickel, ug/l	2.4B
Potassium, ug/l	7500
Selenium, ug/l	4.3U
Silver, ug/l	1.0U
Sodium, ug/l	7100
Thallium, ug/l	6.6U
Vanadium, ug/l	2.2B
Zinc, ug/l	16B

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81737
Received: 14 MAR 03
Reported: 25 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS02
Sampled By: Client
Code: 165430325

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81737-10	030GS10303	03-13-03/16:35	PENS02

PARAMETER	81737-10
Dilution Factor	1
Prep Date	03.20.03
Analysis Date	03.21.03
Batch ID	0320G
Initial Volume	50
Final Volume	50
Mercury (7470)	
Mercury, ug/l	0.10U
Dilution Factor	1
Prep Date	03.18.03
Analysis Date	03.19.03
Batch ID	0318R
Initial Volume	50
Final Volume	50

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81737
Received: 14 MAR 03
Reported: 25 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS02
Sampled By: Client
Code: 165430325

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81737-10	030GS10303	03-13-03/16:35	PENS02

PARAMETER	81737-10
TCL Semivolatiles (8270)	
Phenol, ug/l	1.0U
bis(2-Chloroethyl)ether, ug/l	1.0U
2-Chlorophenol, ug/l	0.79U
1,3-Dichlorobenzene, ug/l	1.0U
1,4-Dichlorobenzene, ug/l	1.0U
1,2-Dichlorobenzene, ug/l	1.0U
2-Methylphenol (o-Cresol), ug/l	0.59U
2,2'-Oxybis(1-Chloropropane) (bis-2-chloroisopropyl ether), ug/l	0.58U
3-Methylphenol/4-Methylphen ol (m&p-Cresol), ug/l	1.0U
N-Nitroso-di-n-propylamine, ug/l	1.0U
Hexachloroethane, ug/l	0.70U
Nitrobenzene, ug/l	1.0U
Isophorone, ug/l	1.0U
2-Nitrophenol, ug/l	1.1U
2,4-Dimethylphenol, ug/l	1.1U
bis(2-Chloroethoxy)methane, ug/l	1.0U
2,4-Dichlorophenol, ug/l	0.76U
1,2,4-Trichlorobenzene, ug/l	0.51U
4-Chloroaniline, ug/l	1.0U

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81737
Received: 14 MAR 03
Reported: 25 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS02
Sampled By: Client
Code: 165430325

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81737-10	030GS10303	03-13-03/16:35	PENS02

PARAMETER	81737-10
Hexachlorobutadiene, ug/l	0.50U
4-Chloro-3-methylphenol, ug/l	1.0U
Hexachlorocyclopentadiene, ug/l	1.1U
2,4,6-Trichlorophenol, ug/l	1.1U
2,4,5-Trichlorophenol, ug/l	1.1U
2-Chloronaphthalene, ug/l	1.0U
2-Nitroaniline, ug/l	0.72U
Dimethylphthalate, ug/l	0.57U
3-Nitroaniline, ug/l	0.64U
2,4-Dinitrophenol, ug/l	10U
4-Nitrophenol, ug/l	5.0U
Dibenzofuran, ug/l	1.0U
2,4-Dinitrotoluene, ug/l	1.1U
2,6-Dinitrotoluene, ug/l	0.87U
Diethylphthalate, ug/l	1.0U
4-Chlorophenylphenyl ether, ug/l	0.70U
4-Nitroaniline, ug/l	0.86U
4,6-Dinitro-2-methylphenol, ug/l	10U
N-Nitrosodiphenylamine, ug/l	1.0U
4-Bromophenylphenyl ether, ug/l	1.0U
Hexachlorobenzene, ug/l	0.61U
Pentachlorophenol, ug/l	2.0U
Di-n-butylphthalate, ug/l	1.0U

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81737
Received: 14 MAR 03
Reported: 25 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS02
Sampled By: Client
Code: 165430325

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81737-10	030GS10303	03-13-03/16:35	PENS02

PARAMETER	81737-10
Butylbenzylphthalate, ug/l	0.74U
3,3'-Dichlorobenzidine, ug/l	1.0U
bis(2-Ethylhexyl)phthalate, ug/l	2.4U
Di-n-octylphthalate, ug/l	1.2U
Carbazole, ug/l	0.54U
Surrogate - Phenol-d5	110 %
Surrogate - 2-Fluorophenol	95 %
Surrogate - 2,4,6-Tribromophenol	120 %
Surrogate - Nitrobenzene-d5	100 %
Surrogate - 2-Fluorobiphenyl	106 %
Surrogate - Terphenyl-d14	90 %
Dilution Factor	1
Prep Date	03.17.03
Analysis Date	03.21.03
Batch ID	0317C
Initial Volume	960
Final Volume	1.00

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81737
Received: 14 MAR 03
Reported: 25 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS02
Sampled By: Client
Code: 165430325

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81737-10	030GS10303	03-13-03/16:35	PENS02

PARAMETER	81737-10
Low Level PAH (8270)	
Naphthalene, ug/l	0.028U
Acenaphthylene, ug/l	0.024U
Acenaphthene, ug/l	0.050
Fluorene, ug/l	0.026U
Phenanthrene, ug/l	0.025U
Anthracene, ug/l	0.031U
Fluoranthene, ug/l	0.061U
Pyrene, ug/l	0.042U
Chrysene, ug/l	0.088U
Benzo(a)anthracene, ug/l	0.070U
Benzo(b)fluoranthene, ug/l	0.074U
Benzo(k)fluoranthene, ug/l	0.058U
Benzo(a)pyrene, ug/l	0.060U
Indeno(1,2,3-cd)pyrene, ug/l	0.080U
Dibenzo(a,h)anthracene, ug/l	0.065U
Benzo(g,h,i)perylene, ug/l	0.096U
2-Methylnaphthalene, ug/l	0.022U
1-Methylnaphthalene, ug/l	0.028U
Surrogate - o-Terphenyl	86 %
Dilution Factor	1
Prep Date	03.17.03
Analysis Date	03.21.03
Batch ID	0317D
Initial Volume	960
Final Volume	1.00

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81737
Received: 14 MAR 03
Reported: 25 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS02
Sampled By: Client
Code: 165430325

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81737-11	Method Detection Limit (MDL)		PENS02
81737-12	Reporting Limit (RL)		PENS02
81737-13	Method Blank		PENS02
81737-14	Lab Control Standard % Recovery		PENS02

PARAMETER	81737-11	81737-12	81737-13	81737-14
TCL Semivolatiles (8270)				
Phenol, ug/l	1.0	10	1.0U	89 %
bis(2-Chloroethyl)ether, ug/l	1.0	10	1.0U	---
2-Chlorophenol, ug/l	0.79	10	0.79U	100 %
1,3-Dichlorobenzene, ug/l	1.0	10	1.0U	---
1,4-Dichlorobenzene, ug/l	1.0	10	1.0U	76 %
1,2-Dichlorobenzene, ug/l	1.0	10	1.0U	---
2-Methylphenol (o-Cresol), ug/l	0.59	10	0.59U	---
2,2'-Oxybis(1-Chloropropane) (bis-2-chloroisopropyl ether), ug/l	0.58	10	0.58U	---
3-Methylphenol/4-Methylphen ol (m&p-Cresol), ug/l	1.0	10	1.0U	---
N-Nitroso-di-n-propylamine, ug/l	1.0	10	1.0U	114 %
Hexachloroethane, ug/l	0.70	10	0.70U	---
Nitrobenzene, ug/l	1.0	10	1.0U	---
Isophorone, ug/l	1.0	10	1.0U	---
2-Nitrophenol, ug/l	1.1	10	1.1U	---
2,4-Dimethylphenol, ug/l	1.1	10	1.1U	---
bis(2-Chloroethoxy)methane, ug/l	1.0	10	1.0U	---

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • www.stl-inc.com

LOG NO: S3-81737
Received: 14 MAR 03
Reported: 25 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS02
Sampled By: Client
Code: 165430325

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81737-11	Method Detection Limit (MDL)		PENS02
81737-12	Reporting Limit (RL)		PENS02
81737-13	Method Blank		PENS02
81737-14	Lab Control Standard % Recovery		PENS02

PARAMETER	81737-11	81737-12	81737-13	81737-14
2,4-Dichlorophenol, ug/l	0.76	10	0.76U	---
1,2,4-Trichlorobenzene, ug/l	0.51	10	0.51U	84 %
4-Chloroaniline, ug/l	1.0	20	1.0U	---
Hexachlorobutadiene, ug/l	0.50	10	0.50U	---
4-Chloro-3-methylphenol, ug/l	1.0	10	1.0U	100 %
Hexachlorocyclopentadiene, ug/l	1.1	10	1.1U	---
2,4,6-Trichlorophenol, ug/l	1.1	10	1.1U	---
2,4,5-Trichlorophenol, ug/l	1.1	10	1.1U	---
2-Chloronaphthalene, ug/l	1.0	10	1.0U	---
2-Nitroaniline, ug/l	0.72	50	0.72U	---
Dimethylphthalate, ug/l	0.57	10	0.57U	---
3-Nitroaniline, ug/l	0.64	50	0.64U	---
2,4-Dinitrophenol, ug/l	10	50	10U	---
4-Nitrophenol, ug/l	5.0	50	5.0U	100 %
Dibenzofuran, ug/l	1.0	10	1.0U	---
2,4-Dinitrotoluene, ug/l	1.1	10	1.1U	104 %
2,6-Dinitrotoluene, ug/l	0.87	10	0.87U	---
Diethylphthalate, ug/l	1.0	10	1.0U	---
4-Chlorophenylphenyl ether, ug/l	0.70	10	0.70U	---
4-Nitroaniline, ug/l	0.86	50	0.86U	---

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81737
Received: 14 MAR 03
Reported: 25 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS02
Sampled By: Client
Code: 165430325

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81737-11	Method Detection Limit (MDL)		PENS02
81737-12	Reporting Limit (RL)		PENS02
81737-13	Method Blank		PENS02
81737-14	Lab Control Standard % Recovery		PENS02

PARAMETER	81737-11	81737-12	81737-13	81737-14
4,6-Dinitro-2-methylphenol, ug/l	10	50	10U	---
N-Nitrosodiphenylamine, ug/l	1.0	10	1.0U	---
4-Bromophenylphenyl ether, ug/l	1.0	10	1.0U	---
Hexachlorobenzene, ug/l	0.61	10	0.61U	---
Pentachlorophenol, ug/l	2.0	50	2.0U	110 %
Di-n-butylphthalate, ug/l	1.0	10	1.0U	---
Butylbenzylphthalate, ug/l	0.74	10	0.74U	---
3,3'-Dichlorobenzidine, ug/l	1.0	20	1.0U	---
bis(2-Ethylhexyl)phthalate, ug/l	2.4	10	2.4U	---
Di-n-octylphthalate, ug/l	1.2	10	1.2U	---
Carbazole, ug/l	0.54	10	0.54U	---
Surrogate - Phenol-d5	NA	NA	99 %	100 %
Surrogate - 2-Fluorophenol	NA	NA	90 %	100 %
Surrogate - 2,4,6-Tribromophenol	NA	NA	110 %	130 %
Surrogate - Nitrobenzene-d5	NA	NA	102 %	112 %
Surrogate - 2-Fluorobiphenyl	NA	NA	112 %	120 %
Surrogate - Terphenyl-d14	NA	NA	106 %	136 %
Dilution Factor	---	---	1	1
Prep Date	---	---	03.17.03	03.17.03
Analysis Date	---	---	03.21.03	03.21.03
Batch ID	---	---	0317C	0317C
Initial Volume	---	---	1000	---
Final Volume	---	---	1.00	---

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81737
Received: 14 MAR 03
Reported: 25 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS02
Sampled By: Client
Code: 165430325

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81737-11	Method Detection Limit (MDL)		PENS02
81737-12	Reporting Limit (RL)		PENS02
81737-13	Method Blank		PENS02
81737-14	Lab Control Standard % Recovery		PENS02

PARAMETER	81737-11	81737-12	81737-13	81737-14
Low Level PAH (8270)				
Naphthalene, ug/l	0.028	0.20	0.028U	90 %
Acenaphthylene, ug/l	0.024	0.20	0.024U	---
Acenaphthene, ug/l	0.025	0.20	0.025U	95 %
Fluorene, ug/l	0.026	0.20	0.026U	90 %
Phenanthrene, ug/l	0.025	0.20	0.025U	---
Anthracene, ug/l	0.031	0.20	0.031U	---
Fluoranthene, ug/l	0.061	0.20	0.061U	---
Pyrene, ug/l	0.042	0.20	0.042U	80 %
Chrysene, ug/l	0.088	0.20	0.088U	---
Benzo(a)anthracene, ug/l	0.070	0.20	0.070U	---
Benzo(b)fluoranthene, ug/l	0.074	0.20	0.074U	---
Benzo(k)fluoranthene, ug/l	0.058	0.20	0.058U	---
Benzo(a)pyrene, ug/l	0.060	0.20	0.060U	95 %
Indeno(1,2,3-cd)pyrene, ug/l	0.080	0.20	0.080U	---
Dibenzo(a,h)anthracene, ug/l	0.065	0.20	0.065U	---
Benzo(g,h,i)perylene, ug/l	0.096	0.20	0.096U	---
2-Methylnaphthalene, ug/l	0.022	0.20	0.022U	---
1-Methylnaphthalene, ug/l	0.028	0.20	0.028U	---
Surrogate - o-Terphenyl	NA	NA	115 %	75 %

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81737
Received: 14 MAR 03
Reported: 25 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS02
Sampled By: Client
Code: 165430325

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81737-11	Method Detection Limit (MDL)		PENS02
81737-12	Reporting Limit (RL)		PENS02
81737-13	Method Blank		PENS02
81737-14	Lab Control Standard % Recovery		PENS02

PARAMETER	81737-11	81737-12	81737-13	81737-14
Dilution Factor	---	---	1	1
Prep Date	---	---	03.17.03	03.17.03
Analysis Date	---	---	03.21.03	03.21.03
Batch ID	---	---	0317D	0317D
Initial Volume	---	---	1000	---
Final Volume	---	---	1.00	---

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81737
Received: 14 MAR 03
Reported: 25 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS02
Sampled By: Client
Code: 165430325

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81737-11	Method Detection Limit (MDL)		PENS02
81737-12	Reporting Limit (RL)		PENS02
81737-13	Method Blank		PENS02
81737-14	Lab Control Standard % Recovery		PENS02

PARAMETER	81737-11	81737-12	81737-13	81737-14
Volatiles by GC/MS (8260)				
Chloromethane, ug/l	0.40	1.0	0.40U	---
Bromomethane (Methyl bromide), ug/l	0.49	1.0	0.49U	---
Vinyl chloride, ug/l	0.13	1.0	0.13U	---
Chloroethane, ug/l	0.86	1.0	0.86U	---
Methylene chloride (Dichloromethane), ug/l	0.61	5.0	0.61U	---
Acetone, ug/l	2.3	25	2.9J	---
Carbon disulfide, ug/l	0.72	1.0	0.72U	---
1,1-Dichloroethene, ug/l	0.31	1.0	0.31U	72 %
1,1-Dichloroethane, ug/l	0.12	1.0	0.12U	---
cis-1,2-Dichloroethene, ug/l	0.16	1.0	0.16U	---
trans-1,2-Dichloroethene, ug/l	0.36	1.0	0.36U	---
Chloroform, ug/l	0.12	1.0	0.12U	---
1,2-Dichloroethane, ug/l	0.18	1.0	0.18U	---
2-Butanone (MEK), ug/l	0.48	10	0.48U	---
1,1,1-Trichloroethane, ug/l	0.065	1.0	0.20J	---
Carbon tetrachloride, ug/l	0.15	1.0	0.15U	---
Bromodichloromethane, ug/l	0.18	1.0	0.18U	---

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81737
Received: 14 MAR 03
Reported: 25 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS02
Sampled By: Client
Code: 165430325

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81737-11	Method Detection Limit (MDL)		PENS02
81737-12	Reporting Limit (RL)		PENS02
81737-13	Method Blank		PENS02
81737-14	Lab Control Standard % Recovery		PENS02

PARAMETER	81737-11	81737-12	81737-13	81737-14
1,1,2,2-Tetrachloroethane, ug/l	0.17	1.0	0.17U	---
1,2-Dichloropropane, ug/l	0.17	1.0	0.17U	---
trans-1,3-Dichloropropene, ug/l	0.15	1.0	0.15U	---
Trichloroethene, ug/l	0.13	1.0	0.13U	78 %
Dibromochloromethane, ug/l	0.078	1.0	0.078U	---
1,1,2-Trichloroethane, ug/l	0.11	1.0	0.11U	---
Benzene, ug/l	0.096	1.0	0.096U	82 %
cis-1,3-Dichloropropene, ug/l	0.12	1.0	0.12U	---
Bromoform, ug/l	0.19	1.0	0.19U	---
2-Hexanone, ug/l	0.29	10	0.29U	---
4-Methyl-2-pentanone (MIBK), ug/l	0.27	10	0.27U	---
Tetrachloroethene, ug/l	0.43	1.0	0.43U	---
Toluene, ug/l	0.065	1.0	0.73J	88 %
Chlorobenzene, ug/l	0.10	1.0	0.10U	92 %
Ethylbenzene, ug/l	0.11	1.0	0.12J	---
Styrene, ug/l	0.050	1.0	0.050U	---
Xylenes, Total, ug/l	0.28	2.0	0.44J	---
Surrogate - Toluene-d8	NA	NA	98 %	98 %
Surrogate - 4-Bromofluorobenzene	NA	NA	90 %	88 %
Surrogate - Dibromofluoromethane	NA	NA	96 %	96 %

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81737
Received: 14 MAR 03
Reported: 25 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS02
Sampled By: Client
Code: 165430325

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81737-11	Method Detection Limit (MDL)		PENS02
81737-12	Reporting Limit (RL)		PENS02
81737-13	Method Blank		PENS02
81737-14	Lab Control Standard % Recovery		PENS02

PARAMETER	81737-11	81737-12	81737-13	81737-14
Dilution Factor	---	---	1	1
Prep Date	---	---	03.19.03	03.19.03
Analysis Date	---	---	03.19.03	03.19.03
Batch ID	---	---	2P0319	2P0319
Initial Volume	---	---	5.00	---
Final Volume	---	---	5.00	---

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81737
Received: 14 MAR 03
Reported: 25 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS02
Sampled By: Client
Code: 165430325

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81737-15	Instrument Detection Limit (IDL)		PENS02
81737-16	Reporting Limit (RL)		PENS02
81737-17	Method Blank		PENS02
81737-18	Lab Control Standard % Recovery		PENS02

PARAMETER	81737-15	81737-16	81737-17	81737-18
TAL Metals (6010)				
Aluminum, ug/l	11	200	11B	102 %
Antimony, ug/l	3.8	20	3.8B	103 %
Arsenic, ug/l	3.9	10	3.9U	101 %
Barium, ug/l	0.50	10	0.50U	105 %
Beryllium, ug/l	0.10	4.0	0.10U	105 %
Cadmium, ug/l	0.40	5.0	0.40U	105 %
Calcium, ug/l	6.4	500	6.4B	106 %
Chromium, ug/l	0.90	10	0.90U	105 %
Cobalt, ug/l	0.70	10	1.2B	105 %
Copper, ug/l	0.80	20	0.83B	105 %
Iron, ug/l	16	50	16U	102 %
Lead, ug/l	1.9	5.0	1.9U	105 %
Magnesium, ug/l	7.4	500	7.4U	103 %
Manganese, ug/l	0.50	10	0.50U	106 %
Nickel, ug/l	1.2	40	1.2U	105 %
Potassium, ug/l	17	1000	17U	105 %
Selenium, ug/l	4.3	10	4.3U	103 %
Silver, ug/l	1.0	10	1.0U	106 %
Sodium, ug/l	170	500	170U	98 %

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81737
Received: 14 MAR 03
Reported: 25 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS02
Sampled By: Client
Code: 165430325

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81737-15	Instrument Detection Limit (IDL)		PENS02
81737-16	Reporting Limit (RL)		PENS02
81737-17	Method Blank		PENS02
81737-18	Lab Control Standard % Recovery		PENS02

PARAMETER	81737-15	81737-16	81737-17	81737-18
Thallium, ug/l	6.6	10	6.6U	105 %
Vanadium, ug/l	1.0	10	1.0U	103 %
Zinc, ug/l	1.8	20	1.8U	106 %
Dilution Factor	---	---	1	1
Prep Date	---	---	03.20.03	03.20.03
Analysis Date	---	---	03.21.03	03.21.03
Batch ID	---	---	0320G	0320G
Initial Volume	---	---	50	---
Final Volume	---	---	50	---
Mercury (7470)				
Mercury, ug/l	0.10	0.20	0.10U	94 %
Dilution Factor	---	---	1	1
Prep Date	---	---	03.18.03	03.18.03
Analysis Date	---	---	03.19.03	03.19.03
Batch ID	---	---	0318R	0318R
Initial Volume	---	---	50	---
Final Volume	---	---	50	---

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81737
Received: 14 MAR 03
Reported: 25 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS02
Sampled By: Client
Code: 165830325

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR LIQU	DATE/ TIME SAMPLED	SDG#
81737-15	Instrument Detection Limit (IDL)		PENS02
81737-16	Reporting Limit (RL)		PENS02
81737-17	Method Blank		PENS02
81737-18	Lab Control Standard % Recovery		PENS02

PARAMETER	81737-15	81737-16	81737-17	81737-18

These test results meet all the requirements of NELAC. All questions regarding this test report should be directed to the STL Project Manager who signed this test report.

U = Indicates compound was analyzed for but not detected.

J = The flag "J" indicates the presence of a compound that meets the identification criteria, but the result is less than the sample RL and greater than the MDL.
B (Organic) = This flag is used when the analyte is found in the associated method blank as well as in the sample.

B (Inorganic) = This flag indicates the reported value was obtained from a reading that was less than the Project Reporting Limits but greater than or equal to the Method Detection Limit (MDL).

E (Organic) = Result exceeded the upper calibration limit.

D = Result is from a secondary dilution.

Linda A Wolfe
Linda A. Wolfe, Project Manager

Final Page Of Report

ENSAFE

800-588-7962
MEMPHIS, TENNESSEE
CHARLESTON,SC; CINCINNATI,OH; DALLAS,TX; JACKSON,TN; KNOXVILLE,TN; LANCASTER,PA; NASHVILLE,TN; NORFOLK,VA; PADUCAH,KY; PENSACOLA,FL; RALEIGH,NC; COLOGNE, GERMANY

CHAIN OF CUSTODY RECORD

PAGE 1 OF ~~2~~ 1

PROJECT/JOB NO: 0059-001-08600-10

COC NO:

PO NO:

REL NO:

LAB NAME: STL CAVANAUGH

CLIENT ENSAFE

LOCATION NASP

SAMPLERS: (SIGNATURE) T Kyle

PROJECT MANAGER ALLISON HARRIS

TELE/FAX NO. 901 372 2454

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	ANALYSIS REQUIRED: VOCs	METALS	SVOCs/PAHs	REMARKS
011GS00603	3/13/03	1100	GW	40ml VIAL 250ml Poly, 1L Amber	4°C	HCl/HNO3	4	X	X		
012GS00103		1200			4°C	HCl	3	X			
030GI17003		1530			4°C	HCl/HNO3	3	X			
030GS17003		1530			4°C	HCl/HNO3	4	X	X		
030GS10303		1635			4°C	HNO3	5		X	X	
011GI01503		1335			4°C	HCl	3	X			
011GS04703		1115			4°C	HCl/HNO3	8	X	X	X	
030GS10103		1440			4°C	HCl	3	X			
059TG0002	"	—	"	"	4°C	HCl	3	X			* Per Tina Cantwell, ID should read 059TG00002. A Redmond 3/14/03
011GS00703	"	1100	"	"	4°C	HCl/HNO3	8	X	X	X	

T Kyle 3/13/03

RELINQUISHER	DATE	RECEIVER	DATE	RELINQUISHER	DATE	RECEIVER	DATE
PRINTED: T KYLE	TIME 1800	PRINTED: KARL HALL	TIME 0920	PRINTED:	TIME	PRINTED:	TIME
COMPANY: ENSAFE		COMPANY: STL SAV		COMPANY:		COMPANY:	

METHOD OF SHIPMENT: FEDEX

SHIPMENT NO. 835946801323

SEND RESULTS TO: A. HARRIS

COMMENTS: S381737

ANALYTICAL DATA RECEIVED BY (INITIALS/DATE)

ENSCOC2
REV. 05/98

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • www.stl-inc.com

LOG NO: S3-81781
Received: 15 MAR 03
Reported: 27 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS03
Sampled By: Client
Code: 161230327

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81781-1	027GI00603	03-14-03/10:00	PENS03
81781-2	030GI32A03	03-14-03/15:00	PENS03
81781-3	030GS01503	03-14-03/15:10	PENS03
81781-4	011GS05203	03-14-03/12:45	PENS03
81781-4-DL	011GS05203	03-14-03/12:45	PENS03

PARAMETER	81781-1	81781-2	81781-3	81781-4	81781-4-DL
Volatiles by GC/MS (8260)					
Chloromethane, ug/l	0.40U	0.40U	0.73JB	0.40U	0.80U
Bromomethane (Methyl bromide), ug/l	0.49U	0.49U	0.49U	0.49U	0.98U
Vinyl chloride, ug/l	0.13U	0.13U	0.13U	2.4	1.6DJ
Chloroethane, ug/l	0.86U	0.86U	0.86U	0.86U	1.7U
Methylene chloride (Dichloromethane), ug/l	0.61U	0.61U	0.61U	0.61U	1.2U
Acetone, ug/l	8.8	7.1J	6.2J	18J	7.7DJ
Carbon disulfide, ug/l	0.72U	0.72U	0.72U	0.72U	1.4U
1,1-Dichloroethene, ug/l	16	0.35J	0.31U	2.4	1.3DJ
1,1-Dichloroethane, ug/l	4.3	0.12U	0.12U	2.2	1.6DJ
cis-1,2-Dichloroethene, ug/l	0.16U	0.16U	0.16U	220E	150D
trans-1,2-Dichloroethene, ug/l	0.36U	0.36U	0.36U	1.6	1.6DJ
Chloroform, ug/l	0.12U	0.16J	0.19J	0.12U	0.24U
1,2-Dichloroethane, ug/l	0.18U	0.18U	0.18U	0.18U	0.36U
2-Butanone (MEK), ug/l	0.48U	1.6J	2.0J	0.48U	1.8DJ
1,1,1-Trichloroethane, ug/l	0.065U	0.065U	0.065U	0.065U	0.13U
Carbon tetrachloride, ug/l	0.15U	0.15U	0.15U	0.15U	0.30U

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • www.stl-inc.com

LOG NO: S3-81781
Received: 15 MAR 03
Reported: 27 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS03
Sampled By: Client
Code: 161230327

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81781-1	027GI00603	03-14-03/10:00	PENS03
81781-2	030GI32A03	03-14-03/15:00	PENS03
81781-3	030GS01503	03-14-03/15:10	PENS03
81781-4	011GS05203	03-14-03/12:45	PENS03
81781-4-DL	011GS05203	03-14-03/12:45	PENS03

PARAMETER	81781-1	81781-2	81781-3	81781-4	81781-4-DL
Bromodichloromethane, ug/l	0.18U	0.18U	0.18U	0.18U	0.36U
1,1,2,2-Tetrachloroethane, ug/l	0.17U	0.17U	0.17U	0.17U	0.34U
1,2-Dichloropropane, ug/l	0.17U	0.17U	0.17U	0.17U	0.34U
trans-1,3-Dichloropropene, ug/l	0.15U	0.15U	0.15U	0.15U	0.30U
Trichloroethene, ug/l	0.73JB	0.13U	0.19JB	15B	9.8D
Dibromochloromethane, ug/l	0.078U	0.078U	0.078U	0.078U	0.16U
1,1,2-Trichloroethane, ug/l	0.11U	0.11U	0.11U	0.11U	0.22U
Benzene, ug/l	0.096U	0.15JB	0.11JB	0.24JB	0.29DJ
cis-1,3-Dichloropropene, ug/l	0.12U	0.12U	0.12U	0.12U	0.24U
Bromoform, ug/l	0.19U	0.19U	0.19U	0.19U	0.38U
2-Hexanone, ug/l	0.29U	0.29U	0.29U	0.29U	0.58U
4-Methyl-2-pentanone (MIBK), ug/l	0.27U	0.27U	0.41J	0.29J	0.54U
Tetrachloroethene, ug/l	0.63J	0.43U	0.43U	1.6	0.86U
Toluene, ug/l	0.065U	0.15JB	0.18JB	0.23JB	0.13U
Chlorobenzene, ug/l	0.10U	0.10U	0.10U	0.10U	0.20U
Ethylbenzene, ug/l	0.11U	0.11U	0.11J	0.14J	0.22U
Styrene, ug/l	0.088J	0.16J	0.050U	0.19J	0.10U
Xylenes, Total, ug/l	0.28U	0.28U	0.28U	0.28U	0.56U
Surrogate - Toluene-d8	86 %	90 %	94 %	88 %	94 %

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • www.stl-inc.com

LOG NO: S3-81781
Received: 15 MAR 03
Reported: 27 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS03
Sampled By: Client
Code: 161230327

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81781-1	027GI00603	03-14-03/10:00	PENS03
81781-2	030GI32A03	03-14-03/15:00	PENS03
81781-3	030GS01503	03-14-03/15:10	PENS03
81781-4	011GS05203	03-14-03/12:45	PENS03
81781-4-DL	011GS05203	03-14-03/12:45	PENS03

PARAMETER	81781-1	81781-2	81781-3	81781-4	81781-4-DL
Surrogate - 4-Bromofluorobenzene	84 %	88 %	100 %	88 %	94 %
Surrogate - Dibromofluoromethane	98 %	102 %	102 %	106 %	94 %
Dilution Factor	1	1	1	1	2
Prep Date	03.24.03	03.24.03	03.24.03	03.24.03	03.26.03
Analysis Date	03.24.03	03.24.03	03.24.03	03.24.03	03.26.03
Batch ID	1P0324	1P0324	1P0324	1P0324	2P0325
Initial Volume	5.00	5.00	5.00	5.00	5.00
Final Volume	5.00	5.00	5.00	5.00	5.00

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • www.stl-inc.com

LOG NO: S3-81781
Received: 15 MAR 03
Reported: 27 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS03
Sampled By: Client
Code: 161230327

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81781-5	011HS05203	03-14-03/12:45	PENS03
81781-6	030GS11303	03-14-03/14:55	PENS03
81781-7	030GI11303	03-14-03/14:15	PENS03
81781-8	030HS11303	03-14-03/14:55	PENS03
81781-9	030HI11303	03-14-03/14:15	PENS03

PARAMETER	81781-5	81781-6	81781-7	81781-8	81781-9
Volatiles by GC/MS (8260)					
Chloromethane, ug/l	0.40U	0.40U	0.40U	0.40U	0.40U
Bromomethane (Methyl bromide), ug/l	0.49U	0.49U	0.49U	0.49U	0.49U
Vinyl chloride, ug/l	2.1	0.13U	0.13U	0.13U	0.13U
Chloroethane, ug/l	0.86U	0.86U	0.86U	0.86U	0.86U
Methylene chloride (Dichloromethane), ug/l	0.61U	0.61U	0.61U	0.61U	0.61U
Acetone, ug/l	10J	11J	4.2J	29	6.6J
Carbon disulfide, ug/l	0.72U	0.72U	0.72U	0.72U	0.72U
1,1-Dichloroethene, ug/l	2.0	0.31U	0.31U	0.31U	0.31U
1,1-Dichloroethane, ug/l	1.8	0.12U	0.12U	0.12U	0.41J
cis-1,2-Dichloroethene, ug/l	190	0.16U	0.16U	0.16U	0.16U
trans-1,2-Dichloroethene, ug/l	1.9	0.36U	0.36U	0.36U	0.36U
Chloroform, ug/l	0.12U	0.12U	0.12U	0.12U	0.12U
1,2-Dichloroethane, ug/l	0.18U	0.18U	0.18U	0.18U	0.18U
2-Butanone (MEK), ug/l	0.48U	2.2J	1.3J	2.3J	0.48U
1,1,1-Trichloroethane, ug/l	0.065U	0.065U	0.065U	0.065U	0.065U
Carbon tetrachloride, ug/l	0.15U	0.15U	0.15U	0.15U	0.15U

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81781
Received: 15 MAR 03
Reported: 27 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS03
Sampled By: Client
Code: 161230327

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81781-5	011HS05203	03-14-03/12:45	PENS03
81781-6	030GS11303	03-14-03/14:55	PENS03
81781-7	030GI11303	03-14-03/14:15	PENS03
81781-8	030HS11303	03-14-03/14:55	PENS03
81781-9	030HI11303	03-14-03/14:15	PENS03

PARAMETER	81781-5	81781-6	81781-7	81781-8	81781-9
Bromodichloromethane, ug/l	0.18U	0.18U	0.18U	0.18U	0.18U
1,1,2,2-Tetrachloroethane, ug/l	0.17U	0.17U	0.17U	0.17U	0.17U
1,2-Dichloropropane, ug/l	0.17U	0.17U	0.17U	0.17U	0.17U
trans-1,3-Dichloropropene, ug/l	0.15U	0.15U	0.15U	0.15U	0.15U
Trichloroethene, ug/l	12B	0.13U	0.22JB	0.13U	0.31JB
Dibromochloromethane, ug/l	0.078U	0.078U	0.078U	0.078U	0.078U
1,1,2-Trichloroethane, ug/l	0.11U	0.11U	0.11U	0.11U	0.11U
Benzene, ug/l	0.30JB	0.14JB	0.13JB	0.096U	0.19JB
cis-1,3-Dichloropropene, ug/l	0.12U	0.12U	0.12U	0.12U	0.12U
Bromoform, ug/l	0.19U	0.19U	0.19U	0.19U	0.19U
2-Hexanone, ug/l	0.51J	0.29U	0.29U	0.29U	0.29U
4-Methyl-2-pentanone (MIBK), ug/l	1.1J	0.27U	0.27U	0.27U	0.27U
Tetrachloroethene, ug/l	1.5	0.43U	0.43U	0.43U	0.43U
Toluene, ug/l	0.35JB	0.12JB	0.16JB	0.15JB	0.40JB
Chlorobenzene, ug/l	0.10U	0.10U	0.10U	0.10U	0.10U
Ethylbenzene, ug/l	0.20J	0.11U	0.11U	0.11U	0.31J
Styrene, ug/l	0.17J	0.050U	0.33J	0.050U	0.39J
Xylenes, Total, ug/l	0.50J	0.28U	0.28U	0.28U	1.0J
Surrogate - Toluene-d8	92 %	88 %	94 %	88 %	94 %

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81781
Received: 15 MAR 03
Reported: 27 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS03
Sampled By: Client
Code: 161230327

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81781-5	011HS05203	03-14-03/12:45	PENS03
81781-6	030GS11303	03-14-03/14:55	PENS03
81781-7	030GI11303	03-14-03/14:15	PENS03
81781-8	030HS11303	03-14-03/14:55	PENS03
81781-9	030HI11303	03-14-03/14:15	PENS03

PARAMETER	81781-5	81781-6	81781-7	81781-8	81781-9
Surrogate - 4-Bromofluorobenzene	100 %	92 %	100 %	90 %	100 %
Surrogate - Dibromofluoromethane	102 %	106 %	100 %	102 %	102 %
Dilution Factor	1	1	1	1	1
Prep Date	03.24.03	03.24.03	03.24.03	03.24.03	03.24.03
Analysis Date	03.24.03	03.24.03	03.24.03	03.24.03	03.24.03
Batch ID	1P0324	1P0324	1P0324	1P0324	1P0324
Initial Volume	5.00	5.00	5.00	5.00	5.00
Final Volume	5.00	5.00	5.00	5.00	5.00

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • www.stl-inc.com

LOG NO: S3-81781
Received: 15 MAR 03
Reported: 27 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS03
Sampled By: Client
Code: 161230327

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81781-10	059TG00003	03-14-03/17:00	PENS03
81781-11	059TG00004	03-14-03/17:00	PENS03

PARAMETER	81781-10	81781-11
Volatiles by GC/MS (8260)		
Chloromethane, ug/l	0.49JB	0.40U
Bromomethane (Methyl bromide), ug/l	0.49U	0.49U
Vinyl chloride, ug/l	0.13U	0.13U
Chloroethane, ug/l	0.86U	0.86U
Methylene chloride (Dichloromethane), ug/l	0.61U	0.61U
Acetone, ug/l	18J	3.0J
Carbon disulfide, ug/l	0.72U	0.72U
1,1-Dichloroethene, ug/l	0.31U	0.31U
1,1-Dichloroethane, ug/l	0.60J	0.12U
cis-1,2-Dichloroethene, ug/l	0.16U	0.16U
trans-1,2-Dichloroethene, ug/l	0.36U	0.36U
Chloroform, ug/l	0.15J	0.12U
1,2-Dichloroethane, ug/l	0.18U	0.18U
2-Butanone (MEK), ug/l	5.0J	1.2J
1,1,1-Trichloroethane, ug/l	0.065U	0.065U
Carbon tetrachloride, ug/l	0.15U	0.15U
Bromodichloromethane, ug/l	0.18U	0.18U
1,1,2,2-Tetrachloroethane, ug/l	0.17U	0.17U
1,2-Dichloropropane, ug/l	0.17U	0.17U

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81781
Received: 15 MAR 03
Reported: 27 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS03
Sampled By: Client
Code: 161230327

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81781-10	059TG00003	03-14-03/17:00	PENS03
81781-11	059TG00004	03-14-03/17:00	PENS03

PARAMETER	81781-10	81781-11
trans-1,3-Dichloropropene, ug/l	0.15U	0.15U
Trichloroethene, ug/l	0.13U	0.13U
Dibromochloromethane, ug/l	0.078U	0.078U
1,1,2-Trichloroethane, ug/l	0.11U	0.11U
Benzene, ug/l	0.99JB	0.19JB
cis-1,3-Dichloropropene, ug/l	0.12U	0.12U
Bromoform, ug/l	0.19U	0.19U
2-Hexanone, ug/l	0.77J	0.29U
4-Methyl-2-pentanone (MIBK), ug/l	1.2J	0.27U
Tetrachloroethene, ug/l	0.43U	0.43U
Toluene, ug/l	1.0B	0.30JB
Chlorobenzene, ug/l	0.10U	0.10U
Ethylbenzene, ug/l	0.50J	0.11U
Styrene, ug/l	5.2	1.4
Xylenes, Total, ug/l	0.63J	0.28U
Surrogate - Toluene-d8	88 %	92 %
Surrogate - 4-Bromofluorobenzene	90 %	98 %
Surrogate - Dibromofluoromethane	108 %	102 %
Dilution Factor	1	1
Prep Date	03.24.03	03.24.03
Analysis Date	03.24.03	03.24.03
Batch ID	1P0324	1P0324
Initial Volume	5.00	5.00
Final Volume	5.00	5.00

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • www.stl-inc.com

LOG NO: S3-81781
Received: 15 MAR 03
Reported: 27 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS03
Sampled By: Client
Code: 161230327

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81781-12	030GS02203	03-14-03/12:00	PENS03
81781-13	011GS01303	03-14-03/11:20	PENS03
81781-14	011HS01303	03-14-03/11:20	PENS03

PARAMETER	81781-12	81781-13	81781-14
TCL Semivolatiles (8270)			
Phenol, ug/l	1.0U	1.0U	1.0U
bis(2-Chloroethyl)ether, ug/l	1.0U	1.0U	1.0U
2-Chlorophenol, ug/l	0.79U	0.79U	0.79U
1,3-Dichlorobenzene, ug/l	1.0U	1.0U	1.0U
1,4-Dichlorobenzene, ug/l	1.0U	1.0U	1.0U
1,2-Dichlorobenzene, ug/l	1.0U	1.0U	1.0U
2-Methylphenol (o-Cresol), ug/l	0.59U	0.59U	0.59U
2,2'-Oxybis(1-Chloropropane) (bis-2-chloroisopropyl ether), ug/l	0.58U	0.58U	0.58U
3-Methylphenol/4-Methylphen ol (m&p-Cresol), ug/l	63	1.0U	1.0U
N-Nitroso-di-n-propylamine, ug/l	1.0U	1.0U	1.0U
Hexachloroethane, ug/l	0.70U	0.70U	0.70U
Nitrobenzene, ug/l	1.0U	1.0U	1.0U
Isophorone, ug/l	1.0U	1.0U	1.0U
2-Nitrophenol, ug/l	1.1U	1.1U	1.1U
2,4-Dimethylphenol, ug/l	1.1U	1.1U	1.1U
bis(2-Chloroethoxy)methane, ug/l	1.0U	1.0U	1.0U
2,4-Dichlorophenol, ug/l	0.76U	0.76U	0.76U

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • www.stl-inc.com

LOG NO: S3-81781
Received: 15 MAR 03
Reported: 27 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS03
Sampled By: Client
Code: 161230327

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81781-12	030GS02203	03-14-03/12:00	PENS03
81781-13	011GS01303	03-14-03/11:20	PENS03
81781-14	011HS01303	03-14-03/11:20	PENS03

PARAMETER	81781-12	81781-13	81781-14
1,2,4-Trichlorobenzene, ug/l	0.51U	0.51U	0.51U
4-Chloroaniline, ug/l	1.0U	1.0U	1.0U
Hexachlorobutadiene, ug/l	0.50U	0.50U	0.50U
4-Chloro-3-methylphenol, ug/l	1.0U	1.0U	1.0U
Hexachlorocyclopentadiene, ug/l	1.1U	1.1U	1.1U
2,4,6-Trichlorophenol, ug/l	1.1U	1.1U	1.1U
2,4,5-Trichlorophenol, ug/l	1.1U	1.1U	1.1U
2-Chloronaphthalene, ug/l	1.0U	1.0U	1.0U
2-Nitroaniline, ug/l	0.72U	0.72U	0.72U
Dimethylphthalate, ug/l	0.57U	0.57U	0.57U
3-Nitroaniline, ug/l	0.64U	0.64U	0.64U
2,4-Dinitrophenol, ug/l	10U	10U	10U
4-Nitrophenol, ug/l	5.0U	5.0U	5.0U
Dibenzofuran, ug/l	1.0U	1.0U	1.0U
2,4-Dinitrotoluene, ug/l	1.1U	1.1U	1.1U
2,6-Dinitrotoluene, ug/l	0.87U	0.87U	0.87U
Diethylphthalate, ug/l	1.0U	1.0U	1.0U
4-Chlorophenylphenyl ether, ug/l	0.70U	0.70U	0.70U
4-Nitroaniline, ug/l	0.86U	0.86U	0.86U
4,6-Dinitro-2-methylphenol, ug/l	10U	10U	10U
N-Nitrosodiphenylamine, ug/l	1.0U	1.0U	1.0U

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • www.stl-inc.com

LOG NO: S3-81781
Received: 15 MAR 03
Reported: 27 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS03
Sampled By: Client
Code: 161230327

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81781-12	030GS02203	03-14-03/12:00	PENS03
81781-13	011GS01303	03-14-03/11:20	PENS03
81781-14	011HS01303	03-14-03/11:20	PENS03

PARAMETER	81781-12	81781-13	81781-14
4-Bromophenylphenyl ether, ug/l	1.0U	1.0U	1.0U
Hexachlorobenzene, ug/l	0.61U	0.61U	0.61U
Pentachlorophenol, ug/l	2.0U	2.0U	2.0U
Di-n-butylphthalate, ug/l	1.0U	1.0U	1.0U
Butylbenzylphthalate, ug/l	0.74U	0.74U	0.74U
3,3'-Dichlorobenzidine, ug/l	1.0U	1.0U	1.0U
bis(2-Ethylhexyl)phthalate, ug/l	2.4U	2.4U	2.4U
Di-n-octylphthalate, ug/l	1.2U	1.2U	1.2U
Carbazole, ug/l	0.54U	0.54U	0.54U
Surrogate - Phenol-d5	85 %	76 %	82 %
Surrogate - 2-Fluorophenol	79 %	71 %	75 %
Surrogate - 2,4,6-Tribromophenol	110 %	100 %	100 %
Surrogate - Nitrobenzene-d5	88 %	82 %	78 %
Surrogate - 2-Fluorobiphenyl	90 %	84 %	86 %
Surrogate - Terphenyl-d14	58 %	42 %	70 %
Dilution Factor	1	1	1
Prep Date	03.19.03	03.19.03	03.19.03
Analysis Date	03.22.03	03.22.03	03.22.03
Batch ID	0319F	0319F	0319F
Initial Volume	1000	1000	980
Final Volume	1.00	1.00	1.00

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • www.stl-inc.com

LOG NO: S3-81781
Received: 15 MAR 03
Reported: 27 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS03
Sampled By: Client
Code: 161230327

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81781-12	030GS02203	03-14-03/12:00	PENS03
81781-13	011GS01303	03-14-03/11:20	PENS03
81781-14	011HS01303	03-14-03/11:20	PENS03

PARAMETER	81781-12	81781-13	81781-14
Low Level PAH (8270)			
Naphthalene, ug/l	12	0.028U	0.028U
Acenaphthylene, ug/l	0.024U	0.024U	0.024U
Acenaphthene, ug/l	0.025U	0.093	0.11
Fluorene, ug/l	0.31	0.026U	0.026U
Phenanthrene, ug/l	0.025U	0.025U	0.025U
Anthracene, ug/l	0.031U	0.031U	0.031U
Fluoranthene, ug/l	0.061U	0.061U	0.061U
Pyrene, ug/l	0.042U	0.042U	0.042U
Chrysene, ug/l	0.088U	0.088U	0.088U
Benzo(a)anthracene, ug/l	0.070U	0.070U	0.070U
Benzo(b)fluoranthene, ug/l	0.074U	0.074U	0.074U
Benzo(k)fluoranthene, ug/l	0.058U	0.058U	0.058U
Benzo(a)pyrene, ug/l	0.060U	0.060U	0.060U
Indeno(1,2,3-cd)pyrene, ug/l	0.080U	0.080U	0.080U
Dibenzo(a,h)anthracene, ug/l	0.065U	0.065U	0.065U
Benzo(g,h,i)perylene, ug/l	0.096U	0.096U	0.096U
2-Methylnaphthalene, ug/l	19	0.022U	0.022U
1-Methylnaphthalene, ug/l	17	0.028U	0.028U
Surrogate - o-Terphenyl	80 %	81 %	95 %
Dilution Factor	1	1	1
Prep Date	03.18.03	03.18.03	03.18.03
Analysis Date	03.21.03	03.21.03	03.21.03
Batch ID	0318F	0318F	0318F
Initial Volume	1000	960	900
Final Volume	1.00	1.00	1.00

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • www.stl-inc.com

LOG NO: S3-81781
Received: 15 MAR 03
Reported: 27 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS03
Sampled By: Client
Code: 161230327

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81781-12	030GS02203	03-14-03/12:00	PENS03
81781-13	011GS01303	03-14-03/11:20	PENS03
81781-14	011HS01303	03-14-03/11:20	PENS03

PARAMETER	81781-12	81781-13	81781-14
Volatiles by GC/MS (8260)			
Chloromethane, ug/l	0.40U	0.40U	0.40U
Bromomethane (Methyl bromide), ug/l	0.49U	0.49U	0.49U
Vinyl chloride, ug/l	0.33J	0.81J	0.73J
Chloroethane, ug/l	22	0.86U	0.86U
Methylene chloride (Dichloromethane), ug/l	0.61U	0.61U	0.61U
Acetone, ug/l	30	90	53
Carbon disulfide, ug/l	0.72U	0.72U	0.72U
1,1-Dichloroethene, ug/l	2.0	0.31U	0.31U
1,1-Dichloroethane, ug/l	180	0.12U	0.21J
cis-1,2-Dichloroethene, ug/l	16	0.16U	0.71J
trans-1,2-Dichloroethene, ug/l	0.36U	0.36U	0.36U
Chloroform, ug/l	0.29J	0.12U	0.12U
1,2-Dichloroethane, ug/l	0.29J	0.18U	0.18U
2-Butanone (MEK), ug/l	12	2.5J	1.5J
1,1,1-Trichloroethane, ug/l	35	0.065U	0.065U
Carbon tetrachloride, ug/l	0.15U	0.15U	0.15U
Bromodichloromethane, ug/l	0.18U	0.18U	0.18U
1,1,2,2-Tetrachloroethane, ug/l	0.17U	0.17U	0.17U

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81781
Received: 15 MAR 03
Reported: 27 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS03
Sampled By: Client
Code: 161230327

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81781-12	030GS02203	03-14-03/12:00	PENS03
81781-13	011GS01303	03-14-03/11:20	PENS03
81781-14	011HS01303	03-14-03/11:20	PENS03

PARAMETER	81781-12	81781-13	81781-14
1,2-Dichloropropane, ug/l	0.17U	0.17U	0.17U
trans-1,3-Dichloropropene, ug/l	0.15U	0.15U	0.15U
Trichloroethene, ug/l	0.62JB	0.13U	0.19JB
Dibromochloromethane, ug/l	0.078U	0.078U	0.078U
1,1,2-Trichloroethane, ug/l	0.11U	0.11U	0.11U
Benzene, ug/l	0.16JB	0.17JB	0.14JB
cis-1,3-Dichloropropene, ug/l	0.12U	0.12U	0.12U
Bromoform, ug/l	0.19U	0.19U	0.19U
2-Hexanone, ug/l	2.2J	0.29U	0.29U
4-Methyl-2-pentanone (MIBK), ug/l	0.27U	0.27U	0.27U
Tetrachloroethene, ug/l	4.2	0.43U	0.43U
Toluene, ug/l	0.065U	0.26JB	0.13JB
Chlorobenzene, ug/l	0.10U	0.10U	0.10U
Ethylbenzene, ug/l	0.11U	0.13J	0.11U
Styrene, ug/l	0.050U	0.050U	0.30J
Xylenes, Total, ug/l	0.28U	0.34J	0.15J
Surrogate - Toluene-d8	94 %	92 %	88 %
Surrogate - 4-Bromofluorobenzene	106 %	98 %	88 %
Surrogate - Dibromofluoromethane	104 %	98 %	104 %
Dilution Factor	1	1	1
Prep Date	03.25.03	03.24.03	03.24.03
Analysis Date	03.25.03	03.24.03	03.24.03
Batch ID	1P0325	1P0324	1P0324
Initial Volume	5.00	5.00	5.00
Final Volume	5.00	5.00	5.00

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81781
Received: 15 MAR 03
Reported: 27 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS03
Sampled By: Client
Code: 161230327

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81781-12	030GS02203	03-14-03/12:00	PENS03
81781-13	011GS01303	03-14-03/11:20	PENS03
81781-14	011HS01303	03-14-03/11:20	PENS03

PARAMETER	81781-12	81781-13	81781-14
TAL Metals (6010)			
Aluminum, ug/l	50B	80B	71B
Antimony, ug/l	3.8U	3.8U	3.8U
Arsenic, ug/l	3.9U	3.9U	3.9U
Barium, ug/l	24	3900	3800
Beryllium, ug/l	0.10U	0.10U	0.10U
Cadmium, ug/l	0.40U	0.40U	0.40U
Calcium, ug/l	40000	97000	96000
Chromium, ug/l	13	0.90U	0.90U
Cobalt, ug/l	0.70U	0.92B	0.93B
Copper, ug/l	0.80U	2.7B	3.3B
Iron, ug/l	500	8300	8000
Lead, ug/l	13	1.9U	2.4B
Magnesium, ug/l	2300	21000	21000
Manganese, ug/l	44	140	140
Nickel, ug/l	1.2U	1.4B	1.2U
Potassium, ug/l	13000	10000	10000
Selenium, ug/l	4.3U	4.4B	4.3U
Silver, ug/l	1.0U	1.0U	1.0U
Sodium, ug/l	8700	28000	27000
Thallium, ug/l	6.6U	6.6U	6.6U

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • www.stl-inc.com

LOG NO: S3-81781
Received: 15 MAR 03
Reported: 27 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS03
Sampled By: Client
Code: 161230327

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81781-12	030GS02203	03-14-03/12:00	PENS03
81781-13	011GS01303	03-14-03/11:20	PENS03
81781-14	011HS01303	03-14-03/11:20	PENS03

PARAMETER	81781-12	81781-13	81781-14
Vanadium, ug/l	1.1B	1.4B	1.0U
Zinc, ug/l	4.1B	23	6.9B
Dilution Factor	1	1	1
Prep Date	03.21.03	03.21.03	03.21.03
Analysis Date	03.24.03	03.24.03	03.25.03
Batch ID	0321G	0321G	0321G
Initial Volume	50	50	50
Final Volume	50	50	50
Mercury (7470)			
Mercury, ug/l	0.10U	0.10U	0.10U
Dilution Factor	1	1	1
Prep Date	03.19.03	03.19.03	03.19.03
Analysis Date	03.25.03	03.25.03	03.25.03
Batch ID	0319T	0319T	0319T
Initial Volume	50	50	50
Final Volume	50	50	50

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • www.stl-inc.com

LOG NO: S3-81781
Received: 15 MAR 03
Reported: 27 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS03
Sampled By: Client
Code: 161230327

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81781-15	030GS02703	03-14-03/11:25	PENS03
81781-16	011GI01203	03-14-03/09:40	PENS03
81781-17	011GI01403	03-14-03/11:00	PENS03
81781-18	011HI01403	03-14-03/11:00	PENS03

PARAMETER	81781-15	81781-16	81781-17	81781-18
Volatiles by GC/MS (8260)				
Chloromethane, ug/l	0.40U	0.40U	1.0U	1.0U
Bromomethane (Methyl bromide), ug/l	0.49U	0.49U	1.2U	1.2U
Vinyl chloride, ug/l	0.13U	0.13U	5.8	6.6
Chloroethane, ug/l	0.86U	0.86U	2.2U	2.2U
Methylene chloride (Dichloromethane), ug/l	0.61U	0.61U	1.5U	1.5U
Acetone, ug/l	8.9J	7.4J	8.8J	5.8U
Carbon disulfide, ug/l	0.72U	0.72U	1.8U	1.8U
1,1-Dichloroethene, ug/l	1.5	1.1	4.7	5.1
1,1-Dichloroethane, ug/l	1.6	8.1	5.4	5.3
cis-1,2-Dichloroethene, ug/l	1.9	88	360	380
trans-1,2-Dichloroethene, ug/l	0.36U	0.65J	3.2	3.1
Chloroform, ug/l	0.26J	0.12U	0.30U	0.30U
1,2-Dichloroethane, ug/l	0.18U	0.18U	0.45U	0.45U
2-Butanone (MEK), ug/l	1.2J	0.48U	1.2U	1.2U
1,1,1-Trichloroethane, ug/l	0.63J	0.065U	0.16U	0.16U
Carbon tetrachloride, ug/l	0.15U	0.15U	0.38U	0.38U
Bromodichloromethane, ug/l	0.18U	0.18U	0.45U	0.45U

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81781
Received: 15 MAR 03
Reported: 27 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS03
Sampled By: Client
Code: 161230327

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81781-15	030GS02703	03-14-03/11:25	PENS03
81781-16	011GI01203	03-14-03/09:40	PENS03
81781-17	011GI01403	03-14-03/11:00	PENS03
81781-18	011HI01403	03-14-03/11:00	PENS03

PARAMETER	81781-15	81781-16	81781-17	81781-18
1,1,2,2-Tetrachloroethane, ug/l	0.17U	0.17U	0.42U	0.42U
1,2-Dichloropropane, ug/l	0.17U	0.17U	0.42U	0.42U
trans-1,3-Dichloropropene, ug/l	0.15U	0.15U	0.38U	0.38U
Trichloroethene, ug/l	0.13U	14B	7.5B	8.8B
Dibromochloromethane, ug/l	0.078U	0.078U	0.19U	0.19U
1,1,2-Trichloroethane, ug/l	0.11U	0.11U	0.28U	0.28U
Benzene, ug/l	0.12JB	0.096U	0.24U	0.24U
cis-1,3-Dichloropropene, ug/l	0.12U	0.12U	0.30U	0.30U
Bromoform, ug/l	0.19U	0.19U	0.47U	0.47U
2-Hexanone, ug/l	0.29U	0.29U	0.72U	0.72U
4-Methyl-2-pentanone (MIBK), ug/l	0.27U	0.27U	0.68U	0.68U
Tetrachloroethene, ug/l	0.73J	3.5	1.1U	1.1U
Toluene, ug/l	0.14JB	0.12JB	0.16U	0.16U
Chlorobenzene, ug/l	0.10U	0.10U	0.25U	0.25U
Ethylbenzene, ug/l	0.11U	0.11U	0.28U	0.28U
Styrene, ug/l	0.13J	0.18J	0.12U	0.12U
Xylenes, Total, ug/l	0.28U	0.28U	0.70U	0.70U
Surrogate - Toluene-d8	90 %	88 %	84 %	92 %
Surrogate - 4-Bromofluorobenzene	98 %	90 %	84 %	94 %
Surrogate - Dibromofluoromethane	104 %	102 %	94 %	96 %

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81781
Received: 15 MAR 03
Reported: 27 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS03
Sampled By: Client
Code: 161230327

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81781-15	030GS02703	03-14-03/11:25	PENS03
81781-16	011GI01203	03-14-03/09:40	PENS03
81781-17	011GI01403	03-14-03/11:00	PENS03
81781-18	011HI01403	03-14-03/11:00	PENS03

PARAMETER	81781-15	81781-16	81781-17	81781-18
Dilution Factor	1	1	2.5	2.5
Prep Date	03.24.03	03.24.03	03.24.03	03.24.03
Analysis Date	03.24.03	03.24.03	03.24.03	03.24.03
Batch ID	1P0324	1P0324	1P0324	1P0324
Initial Volume	5.00	5.00	5.00	5.00
Final Volume	5.00	5.00	5.00	5.00

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81781
Received: 15 MAR 03
Reported: 27 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS03
Sampled By: Client
Code: 161230327

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81781-15	030GS02703	03-14-03/11:25	PENS03
81781-16	011GI01203	03-14-03/09:40	PENS03
81781-17	011GI01403	03-14-03/11:00	PENS03
81781-18	011HI01403	03-14-03/11:00	PENS03

PARAMETER	81781-15	81781-16	81781-17	81781-18
TAL Metals (6010)				
Aluminum, ug/l	590	570	680	680
Antimony, ug/l	3.8U	3.8U	3.8U	3.8U
Arsenic, ug/l	3.9U	3.9U	3.9U	3.9U
Barium, ug/l	8.5B	42	14	13
Beryllium, ug/l	0.10U	0.10U	0.10U	0.10U
Cadmium, ug/l	0.74B	0.40U	0.40U	0.40U
Calcium, ug/l	9800	56000	9000	8800
Chromium, ug/l	180	1.4B	1.5B	1.4B
Cobalt, ug/l	0.70U	0.70U	0.70U	0.70U
Copper, ug/l	1.7B	1.2B	1.1B	1.3B
Iron, ug/l	1900	310	730	700
Lead, ug/l	3.1B	1.9U	1.9U	1.9U
Magnesium, ug/l	1200	29000	1300	1300
Manganese, ug/l	32	130	38	37
Nickel, ug/l	1.2U	1.2U	1.2U	1.2U
Potassium, ug/l	3200	14000	780B	770B
Selenium, ug/l	4.3U	4.3U	4.3U	4.3U
Silver, ug/l	1.0U	1.0U	1.0U	1.0U
Sodium, ug/l	5300	320000	17000	16000

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81781
Received: 15 MAR 03
Reported: 27 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS03
Sampled By: Client
Code: 161230327

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81781-15	030GS02703	03-14-03/11:25	PENS03
81781-16	011GI01203	03-14-03/09:40	PENS03
81781-17	011GI01403	03-14-03/11:00	PENS03
81781-18	011HI01403	03-14-03/11:00	PENS03

PARAMETER	81781-15	81781-16	81781-17	81781-18
Thallium, ug/l	6.6U	6.6U	6.6U	6.6U
Vanadium, ug/l	1.6B	2.0B	2.6B	2.1B
Zinc, ug/l	3.1B	4.2B	3.4B	3.6B
Dilution Factor	1	1	1	1
Prep Date	03.21.03	03.21.03	03.21.03	03.21.03
Analysis Date	03.24.03	03.24.03	03.24.03	03.24.03
Batch ID	0321G	0321G	0321G	0321G
Initial Volume	50	50	50	50
Final Volume	50	50	50	50
Mercury (7470)				
Mercury, ug/l	0.10U	0.10U	0.10U	0.10U
Dilution Factor	1	1	1	1
Prep Date	03.19.03	03.19.03	03.19.03	03.19.03
Analysis Date	03.25.03	03.25.03	03.25.03	03.25.03
Batch ID	0319T	0319T	0319T	0319T
Initial Volume	50	50	50	50
Final Volume	50	50	50	50

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • www.stl-inc.com

LOG NO: S3-81781
Received: 15 MAR 03
Reported: 27 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS03
Sampled By: Client
Code: 161230327

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81781-19	030GS12303	03-14-03/10:15	PENS03
81781-20	059FB00001	03-12-03/17:00	PENS03
81781-21	059EB00001	03-14-03/07:30	PENS03

PARAMETER	81781-19	81781-20	81781-21
Volatiles by GC/MS (8260)			
Chloromethane, ug/l	0.40U	0.40U	0.40U
Bromomethane (Methyl bromide), ug/l	0.49U	0.49U	0.49U
Vinyl chloride, ug/l	0.13U	0.13U	0.13U
Chloroethane, ug/l	0.86U	0.86U	0.86U
Methylene chloride (Dichloromethane), ug/l	0.63J	0.61U	0.61U
Acetone, ug/l	26	5.6J	2.3U
Carbon disulfide, ug/l	0.72U	0.72U	0.72U
1,1-Dichloroethene, ug/l	0.78J	0.31U	0.31U
1,1-Dichloroethane, ug/l	0.34J	0.12U	0.12U
cis-1,2-Dichloroethene, ug/l	0.47J	0.16U	0.16U
trans-1,2-Dichloroethene, ug/l	0.42J	0.36U	0.36U
Chloroform, ug/l	0.35J	0.12U	0.15J
1,2-Dichloroethane, ug/l	0.22J	0.18U	0.18U
2-Butanone (MEK), ug/l	19	0.48U	0.48U
1,1,1-Trichloroethane, ug/l	0.30J	0.065U	0.065U
Carbon tetrachloride, ug/l	0.15U	0.15U	0.15U
Bromodichloromethane, ug/l	0.18U	0.18U	0.18U
1,1,2,2-Tetrachloroethane, ug/l	0.17U	0.17U	0.17U

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81781
Received: 15 MAR 03
Reported: 27 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS03
Sampled By: Client
Code: 161230327

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81781-19	030GS12303	03-14-03/10:15	PENS03
81781-20	059FB00001	03-12-03/17:00	PENS03
81781-21	059EB00001	03-14-03/07:30	PENS03

PARAMETER	81781-19	81781-20	81781-21
1,2-Dichloropropane, ug/l	0.26J	0.17U	0.17U
trans-1,3-Dichloropropene, ug/l	0.23J	0.15U	0.15U
Trichloroethene, ug/l	0.85JB	0.13U	0.13U
Dibromochloromethane, ug/l	0.078U	0.078U	0.078U
1,1,2-Trichloroethane, ug/l	0.36J	0.11U	0.11U
Benzene, ug/l	0.44JB	0.096U	0.096U
cis-1,3-Dichloropropene, ug/l	0.24J	0.12U	0.12U
Bromoform, ug/l	0.55J	0.19U	0.19U
2-Hexanone, ug/l	9.0J	0.29U	0.29U
4-Methyl-2-pentanone (MIBK), ug/l	7.5J	0.27U	0.27U
Tetrachloroethene, ug/l	0.43U	0.43U	0.43U
Toluene, ug/l	0.63JB	0.18JB	0.065U
Chlorobenzene, ug/l	0.10U	0.10U	0.10U
Ethylbenzene, ug/l	0.40J	0.11U	0.11U
Styrene, ug/l	0.37J	0.38J	0.32J
Xylenes, Total, ug/l	0.42J	0.14J	0.28U
Surrogate - Toluene-d8	92 %	94 %	94 %
Surrogate - 4-Bromofluorobenzene	88 %	92 %	96 %
Surrogate - Dibromofluoromethane	104 %	94 %	96 %
Dilution Factor	1	1	1
Prep Date	03.25.03	03.24.03	03.24.03
Analysis Date	03.25.03	03.24.03	03.24.03
Batch ID	1P0325	1P0324	1P0324
Initial Volume	5.00	5.00	5.00
Final Volume	5.00	5.00	5.00

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • www.stl-inc.com

LOG NO: S3-81781
Received: 15 MAR 03
Reported: 27 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS03
Sampled By: Client
Code: 161230327

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81781-19	030GS12303	03-14-03/10:15	PENS03
81781-20	059FB00001	03-12-03/17:00	PENS03
81781-21	059EB00001	03-14-03/07:30	PENS03

PARAMETER	81781-19	81781-20	81781-21
TAL Metals (6010)			
Aluminum, ug/l	120B	20B	18B
Antimony, ug/l	3.8U	3.8U	3.8U
Arsenic, ug/l	3.9U	3.9U	3.9U
Barium, ug/l	6.2B	0.50U	0.50U
Beryllium, ug/l	0.10U	0.10U	0.10U
Cadmium, ug/l	1.1B	0.40U	0.40U
Calcium, ug/l	14000	11B	16B
Chromium, ug/l	1.7B	0.90U	0.90U
Cobalt, ug/l	0.70U	0.70U	0.70U
Copper, ug/l	0.80U	0.80U	1.0B
Iron, ug/l	350	16U	16U
Lead, ug/l	1.9U	1.9U	1.9U
Magnesium, ug/l	3400	7.4U	7.4U
Manganese, ug/l	17	0.50U	0.50U
Nickel, ug/l	1.2U	1.2U	1.2U
Potassium, ug/l	2900	22B	17U
Selenium, ug/l	4.3U	4.3U	4.3U
Silver, ug/l	1.0U	1.0U	1.0U
Sodium, ug/l	12000	180B	170U
Thallium, ug/l	6.6U	6.6U	6.6U

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81781
Received: 15 MAR 03
Reported: 27 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS03
Sampled By: Client
Code: 161230327

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81781-19	030GS12303	03-14-03/10:15	PENS03
81781-20	059FB00001	03-12-03/17:00	PENS03
81781-21	059EB00001	03-14-03/07:30	PENS03

PARAMETER	81781-19	81781-20	81781-21
Vanadium, ug/l	1.0U	1.0U	1.0U
Zinc, ug/l	9.0B	1.8U	1.8U
Dilution Factor	1	1	1
Prep Date	03.21.03	03.21.03	03.21.03
Analysis Date	03.24.03	03.24.03	03.24.03
Batch ID	0321G	0321G	0321G
Initial Volume	50	50	50
Final Volume	50	50	50
Mercury (7470)			
Mercury, ug/l	0.10U	0.10U	0.10U
Dilution Factor	1	1	1
Prep Date	03.19.03	03.19.03	03.19.03
Analysis Date	03.25.03	03.25.03	03.25.03
Batch ID	0319T	0319T	0319T
Initial Volume	50	50	50
Final Volume	50	50	50

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81781
Received: 15 MAR 03
Reported: 27 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS03
Sampled By: Client
Code: 161230327

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81781-19	030GS12303	03-14-03/10:15	PENS03
81781-20	059FB00001	03-12-03/17:00	PENS03
81781-21	059EB00001	03-14-03/07:30	PENS03

PARAMETER	81781-19	81781-20	81781-21
TCL Semivolatiles (8270)			
Phenol, ug/l	1.0U	1.0U	1.0U
bis(2-Chloroethyl)ether, ug/l	1.0U	1.0U	1.0U
2-Chlorophenol, ug/l	0.79U	0.79U	0.79U
1,3-Dichlorobenzene, ug/l	1.0U	1.0U	1.0U
1,4-Dichlorobenzene, ug/l	1.0U	1.0U	1.0U
1,2-Dichlorobenzene, ug/l	1.0U	1.0U	1.0U
2-Methylphenol (o-Cresol), ug/l	0.59U	0.59U	0.59U
2,2'-Oxybis(1-Chloropropane) (bis-2-chloroisopropyl ether), ug/l	0.58U	0.58U	0.58U
3-Methylphenol/4-Methylphen ol (m&p-Cresol), ug/l	1.0U	1.0U	1.0U
N-Nitroso-di-n-propylamine, ug/l	1.0U	1.0U	1.0U
Hexachloroethane, ug/l	0.70U	0.70U	0.70U
Nitrobenzene, ug/l	1.0U	1.0U	1.0U
Isophorone, ug/l	1.0U	1.0U	1.0U
2-Nitrophenol, ug/l	1.1U	1.1U	1.1U
2,4-Dimethylphenol, ug/l	1.1U	1.1U	1.1U
bis(2-Chloroethoxy)methane, ug/l	1.0U	1.0U	1.0U
2,4-Dichlorophenol, ug/l	0.76U	0.76U	0.76U

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81781
Received: 15 MAR 03
Reported: 27 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS03
Sampled By: Client
Code: 161230327

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81781-19	030GS12303	03-14-03/10:15	PENS03
81781-20	059FB00001	03-12-03/17:00	PENS03
81781-21	059EB00001	03-14-03/07:30	PENS03

PARAMETER	81781-19	81781-20	81781-21
1,2,4-Trichlorobenzene, ug/l	0.51U	0.51U	0.51U
4-Chloroaniline, ug/l	1.0U	1.0U	1.0U
Hexachlorobutadiene, ug/l	0.50U	0.50U	0.50U
4-Chloro-3-methylphenol, ug/l	1.0U	1.0U	1.0U
Hexachlorocyclopentadiene, ug/l	1.1U	1.1U	1.1U
2,4,6-Trichlorophenol, ug/l	1.1U	1.1U	1.1U
2,4,5-Trichlorophenol, ug/l	1.1U	1.1U	1.1U
2-Chloronaphthalene, ug/l	1.0U	1.0U	1.0U
2-Nitroaniline, ug/l	0.72U	0.72U	0.72U
Dimethylphthalate, ug/l	0.57U	0.57U	0.57U
3-Nitroaniline, ug/l	0.64U	0.64U	0.64U
2,4-Dinitrophenol, ug/l	10U	10U	10U
4-Nitrophenol, ug/l	5.0U	5.0U	5.0U
Dibenzofuran, ug/l	1.0U	1.0U	1.0U
2,4-Dinitrotoluene, ug/l	1.1U	1.1U	1.1U
2,6-Dinitrotoluene, ug/l	0.87U	0.87U	0.87U
Diethylphthalate, ug/l	1.0U	1.0U	1.0U
4-Chlorophenylphenyl ether, ug/l	0.70U	0.70U	0.70U
4-Nitroaniline, ug/l	0.86U	0.86U	0.86U
4,6-Dinitro-2-methylphenol, ug/l	10U	10U	10U
N-Nitrosodiphenylamine, ug/l	1.0U	1.0U	1.0U

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • www.stl-inc.com

LOG NO: S3-81781
Received: 15 MAR 03
Reported: 27 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS03
Sampled By: Client
Code: 161230327

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81781-19	030GS12303	03-14-03/10:15	PENS03
81781-20	059FB00001	03-12-03/17:00	PENS03
81781-21	059EB00001	03-14-03/07:30	PENS03

PARAMETER	81781-19	81781-20	81781-21
4-Bromophenylphenyl ether, ug/l	1.0U	1.0U	1.0U
Hexachlorobenzene, ug/l	0.61U	0.61U	0.61U
Pentachlorophenol, ug/l	2.0U	2.0U	2.0U
Di-n-butylphthalate, ug/l	1.0U	1.0U	1.0U
Butylbenzylphthalate, ug/l	0.74U	0.74U	0.74U
3,3'-Dichlorobenzidine, ug/l	1.0U	1.0U	1.0U
bis(2-Ethylhexyl)phthalate, ug/l	2.4U	2.4U	2.4U
Di-n-octylphthalate, ug/l	1.2U	1.2U	1.2U
Carbazole, ug/l	0.54U	0.54U	0.54U
Surrogate - Phenol-d5	89 %	90 %	92 %
Surrogate - 2-Fluorophenol	85 %	85 %	86 %
Surrogate - 2,4,6-Tribromophenol	110 %	100 %	110 %
Surrogate - Nitrobenzene-d5	88 %	88 %	88 %
Surrogate - 2-Fluorobiphenyl	94 %	96 %	96 %
Surrogate - Terphenyl-d14	67 %	116 %	114 %
Dilution Factor	1	1	1
Prep Date	03.19.03	03.19.03	03.19.03
Analysis Date	03.22.03	03.22.03	03.22.03
Batch ID	0319F	0319F	0319F
Initial Volume	960	1000	980
Final Volume	1.00	1.00	1.00

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81781
Received: 15 MAR 03
Reported: 27 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS03
Sampled By: Client
Code: 161230327

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81781-19	030GS12303	03-14-03/10:15	PENS03
81781-20	059FB00001	03-12-03/17:00	PENS03
81781-21	059EB00001	03-14-03/07:30	PENS03

PARAMETER	81781-19	81781-20	81781-21
Low Level PAH (8270)			
Naphthalene, ug/l	0.028U	0.036	0.028U
Acenaphthylene, ug/l	0.024U	0.024U	0.024U
Acenaphthene, ug/l	0.025U	0.025U	0.025U
Fluorene, ug/l	0.026U	0.026U	0.026U
Phenanthrene, ug/l	0.025U	0.025U	0.025U
Anthracene, ug/l	0.031U	0.031U	0.031U
Fluoranthene, ug/l	0.061U	0.061U	0.061U
Pyrene, ug/l	0.042U	0.042U	0.048
Chrysene, ug/l	0.088U	0.088U	0.088U
Benzo(a)anthracene, ug/l	0.070U	0.070U	0.070U
Benzo(b)fluoranthene, ug/l	0.074U	0.074U	0.074U
Benzo(k)fluoranthene, ug/l	0.058U	0.058U	0.058U
Benzo(a)pyrene, ug/l	0.060U	0.060U	0.060U
Indeno(1,2,3-cd)pyrene, ug/l	0.080U	0.080U	0.080U
Dibenzo(a,h)anthracene, ug/l	0.065U	0.065U	0.065U
Benzo(g,h,i)perylene, ug/l	0.096U	0.096U	0.096U
2-Methylnaphthalene, ug/l	0.022U	0.022U	0.022U
1-Methylnaphthalene, ug/l	0.028U	0.028U	0.028U
Surrogate - o-Terphenyl	95 %	105 %	128 %
Dilution Factor	1	1	1
Prep Date	03.18.03	03.18.03	03.18.03
Analysis Date	03.21.03	03.22.03	03.24.03
Batch ID	0318F	0318F	0318F
Initial Volume	970	980	960
Final Volume	1.00	1.00	1.00

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81781
Received: 15 MAR 03
Reported: 27 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS03
Sampled By: Client
Code: 161230327

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81781-19	030GS12303	03-14-03/10:15	PENS03
81781-20	059FB00001	03-12-03/17:00	PENS03
81781-21	059EB00001	03-14-03/07:30	PENS03

PARAMETER	81781-19	81781-20	81781-21
TCL Pesticides (8081)			
alpha-BHC, ug/l	0.0035U	0.0035U	0.0035U
beta-BHC, ug/l	0.0035U	0.0035U	0.0035U
delta-BHC, ug/l	0.0090U	0.0090U	0.0090U
gamma-BHC (Lindane), ug/l	0.0030U	0.0030U	0.0030U
Heptachlor, ug/l	0.0014U	0.0014U	0.0014U
Aldrin, ug/l	0.0086U	0.0086U	0.0086U
Heptachlor epoxide, ug/l	0.0026U	0.0026U	0.0026U
Endosulfan I, ug/l	0.0099U	0.0099U	0.0099U
Dieldrin, ug/l	0.0060U	0.0060U	0.0060U
4,4'-DDE, ug/l	0.010U	0.010U	0.010U
Endrin, ug/l	0.0097U	0.0097U	0.0097U
Endrin aldehyde, ug/l	0.014U	0.014U	0.014U
Endosulfan II, ug/l	0.0084U	0.0084U	0.0084U
4,4'-DDD, ug/l	0.016U	0.016U	0.016U
Endosulfan sulfate, ug/l	0.0085U	0.0085U	0.0085U
4,4'-DDT, ug/l	0.014U	0.014U	0.014U
Endrin ketone, ug/l	0.0072U	0.0072U	0.0072U
Methoxychlor, ug/l	0.0070U	0.0070U	0.0070U
alpha-Chlordane, ug/l	0.0084U	0.0084U	0.0084U
gamma-Chlordane, ug/l	0.0070U	0.0070U	0.0070U

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81781
Received: 15 MAR 03
Reported: 27 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS03
Sampled By: Client
Code: 161230327

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81781-19	030GS12303	03-14-03/10:15	PENS03
81781-20	059FB00001	03-12-03/17:00	PENS03
81781-21	059EB00001	03-14-03/07:30	PENS03

PARAMETER	81781-19	81781-20	81781-21
Toxaphene, ug/l	0.77U	0.77U	0.77U
Surrogate - DCB	42 %	33 %	30 %
Surrogate - 2,4,5,6-Tetrachloro-m-xylene (TCMX)	58 %	57 %	62 %
Dilution Factor	1	1	1
Prep Date	03.18.03	03.18.03	03.18.03
Analysis Date	03.19.03	03.20.03	03.20.03
Batch ID	0318R	0318R	0318R
Initial Volume	950	920	1000
Final Volume	10.0	10.0	10.0

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81781
Received: 15 MAR 03
Reported: 27 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS03
Sampled By: Client
Code: 161230327

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81781-19	030GS12303	03-14-03/10:15	PENS03
81781-20	059FB00001	03-12-03/17:00	PENS03
81781-21	059EB00001	03-14-03/07:30	PENS03

PARAMETER	81781-19	81781-20	81781-21
PCB's (8082)			
Aroclor-1016, ug/l	0.11U	0.11U	0.11U
Aroclor-1221, ug/l	0.50U	0.50U	0.50U
Aroclor-1232, ug/l	0.18U	0.18U	0.18U
Aroclor-1242, ug/l	0.14U	0.14U	0.14U
Aroclor-1248, ug/l	0.11U	0.11U	0.11U
Aroclor-1254, ug/l	0.20U	0.20U	0.20U
Aroclor-1260, ug/l	0.11U	0.11U	0.11U
Surrogate - TCX	58 %	57 %	62 %
Surrogate - DCB	42 %	33 %	30 %
Dilution Factor	1	1	1
Prep Date	03.18.03	03.18.03	03.18.03
Analysis Date	03.19.03	03.20.03	03.20.03
Batch ID	0318R	0318R	0318R
Initial Volume	950	920	1000
Final Volume	10.0	10.0	10.0

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • www.stl-inc.com

LOG NO: S3-81781
Received: 15 MAR 03
Reported: 27 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS03
Sampled By: Client
Code: 161230327

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81781-22	030GS10503	03-14-03/13:20	PENS03

PARAMETER	81781-22
TCL Semivolatiles (8270)	
Phenol, ug/l	1.0U
bis(2-Chloroethyl)ether, ug/l	1.0U
2-Chlorophenol, ug/l	0.79U
1,3-Dichlorobenzene, ug/l	1.0U
1,4-Dichlorobenzene, ug/l	1.0U
1,2-Dichlorobenzene, ug/l	1.0U
2-Methylphenol (o-Cresol), ug/l	0.59U
2,2'-Oxybis(1-Chloropropane) (bis-2-chloroisopropyl ether), ug/l	0.58U
3-Methylphenol/4-Methylphen ol (m&p-Cresol), ug/l	1.0U
N-Nitroso-di-n-propylamine, ug/l	1.0U
Hexachloroethane, ug/l	0.70U
Nitrobenzene, ug/l	1.0U
Isophorone, ug/l	1.0U
2-Nitrophenol, ug/l	1.1U
2,4-Dimethylphenol, ug/l	1.1U
bis(2-Chloroethoxy)methane, ug/l	1.0U
2,4-Dichlorophenol, ug/l	0.76U
1,2,4-Trichlorobenzene, ug/l	0.51U
4-Chloroaniline, ug/l	1.0U

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81781
Received: 15 MAR 03
Reported: 27 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS03
Sampled By: Client
Code: 161230327

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81781-22	030GS10503	03-14-03/13:20	PENS03

PARAMETER	81781-22
Hexachlorobutadiene, ug/l	0.50U
4-Chloro-3-methylphenol, ug/l	1.0U
Hexachlorocyclopentadiene, ug/l	1.1U
2,4,6-Trichlorophenol, ug/l	1.1U
2,4,5-Trichlorophenol, ug/l	1.1U
2-Chloronaphthalene, ug/l	1.0U
2-Nitroaniline, ug/l	0.72U
Dimethylphthalate, ug/l	0.57U
3-Nitroaniline, ug/l	0.64U
2,4-Dinitrophenol, ug/l	10U
4-Nitrophenol, ug/l	5.0U
Dibenzofuran, ug/l	1.0U
2,4-Dinitrotoluene, ug/l	1.1U
2,6-Dinitrotoluene, ug/l	0.87U
Diethylphthalate, ug/l	1.0U
4-Chlorophenylphenyl ether, ug/l	0.70U
4-Nitroaniline, ug/l	0.86U
4,6-Dinitro-2-methylphenol, ug/l	10U
N-Nitrosodiphenylamine, ug/l	1.0U
4-Bromophenylphenyl ether, ug/l	1.0U
Hexachlorobenzene, ug/l	0.61U
Pentachlorophenol, ug/l	2.0U
Di-n-butylphthalate, ug/l	1.0U

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81781
Received: 15 MAR 03
Reported: 27 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS03
Sampled By: Client
Code: 161230327

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81781-22	030GS10503	03-14-03/13:20	PENS03

PARAMETER	81781-22
Butylbenzylphthalate, ug/l	0.74U
3,3'-Dichlorobenzidine, ug/l	1.0U
bis(2-Ethylhexyl)phthalate, ug/l	2.4U
Di-n-octylphthalate, ug/l	1.2U
Carbazole, ug/l	0.54U
Surrogate - Phenol-d5	80 %
Surrogate - 2-Fluorophenol	75 %
Surrogate - 2,4,6-Tribromophenol	98 %
Surrogate - Nitrobenzene-d5	84 %
Surrogate - 2-Fluorobiphenyl	86 %
Surrogate - Terphenyl-d14	58 %
Dilution Factor	1
Prep Date	03.19.03
Analysis Date	03.22.03
Batch ID	0319F
Initial Volume	1000
Final Volume	1.00

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • www.stl-inc.com

LOG NO: S3-81781
Received: 15 MAR 03
Reported: 27 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS03
Sampled By: Client
Code: 161230327

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81781-22	030GS10503	03-14-03/13:20	PENS03

PARAMETER	81781-22
Low Level PAH (8270)	
Naphthalene, ug/l	0.028U
Acenaphthylene, ug/l	0.024U
Acenaphthene, ug/l	0.025U
Fluorene, ug/l	0.026U
Phenanthrene, ug/l	0.025U
Anthracene, ug/l	0.031U
Fluoranthene, ug/l	0.061U
Pyrene, ug/l	0.043
Chrysene, ug/l	0.088U
Benzo(a)anthracene, ug/l	0.070U
Benzo(b)fluoranthene, ug/l	0.074U
Benzo(k)fluoranthene, ug/l	0.058U
Benzo(a)pyrene, ug/l	0.060U
Indeno(1,2,3-cd)pyrene, ug/l	0.080U
Dibenzo(a,h)anthracene, ug/l	0.065U
Benzo(g,h,i)perylene, ug/l	0.096U
2-Methylnaphthalene, ug/l	0.022U
1-Methylnaphthalene, ug/l	0.028U
Surrogate - o-Terphenyl	90 %
Dilution Factor	1
Prep Date	03.18.03
Analysis Date	03.24.03
Batch ID	0318F
Initial Volume	980
Final Volume	1.00

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81781
Received: 15 MAR 03
Reported: 27 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS03
Sampled By: Client
Code: 161230327

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81781-23	Method Detection Limit (MDL)		PENS03
81781-24	Reporting Limit (RL)		PENS03
81781-25	Method Blank		PENS03
81781-26	Lab Control Standard % Recovery		PENS03
81781-31	Method Blank		PENS03

PARAMETER	81781-23	81781-24	81781-25	81781-26	81781-31
TCL Semivolatiles (8270)					---
Phenol, ug/l	1.0	10	1.0U	65 %	---
bis(2-Chloroethyl)ether, ug/l	1.0	10	1.0U	---	---
2-Chlorophenol, ug/l	0.79	10	0.79U	70 %	---
1,3-Dichlorobenzene, ug/l	1.0	10	1.0U	---	---
1,4-Dichlorobenzene, ug/l	1.0	10	1.0U	56 %	---
1,2-Dichlorobenzene, ug/l	1.0	10	1.0U	---	---
2-Methylphenol (o-Cresol), ug/l	0.59	10	0.59U	---	---
2,2'-Oxybis(1-Chloropropane) (bis-2-chloroisopropyl ether), ug/l	0.58	10	0.58U	---	---
3-Methylphenol/4-Methylphen ol (m&p-Cresol), ug/l	1.0	10	1.0U	---	---
N-Nitroso-di-n-propylamine, ug/l	1.0	10	1.0U	72 %	---
Hexachloroethane, ug/l	0.70	10	0.70U	---	---
Nitrobenzene, ug/l	1.0	10	1.0U	---	---
Isophorone, ug/l	1.0	10	1.0U	---	---
2-Nitrophenol, ug/l	1.1	10	1.1U	---	---
2,4-Dimethylphenol, ug/l	1.1	10	1.1U	---	---

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • www.stl-inc.com

LOG NO: S3-81781
Received: 15 MAR 03
Reported: 27 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS03
Sampled By: Client
Code: 161230327

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81781-23	Method Detection Limit (MDL)		PENS03
81781-24	Reporting Limit (RL)		PENS03
81781-25	Method Blank		PENS03
81781-26	Lab Control Standard % Recovery		PENS03
81781-31	Method Blank		PENS03

PARAMETER	81781-23	81781-24	81781-25	81781-26	81781-31
bis(2-Chloroethoxy)methane, ug/l	1.0	10	1.0U	---	---
2,4-Dichlorophenol, ug/l	0.76	10	0.76U	---	---
1,2,4-Trichlorobenzene, ug/l	0.51	10	0.51U	66 %	---
4-Chloroaniline, ug/l	1.0	20	1.0U	---	---
Hexachlorobutadiene, ug/l	0.50	10	0.50U	---	---
4-Chloro-3-methylphenol, ug/l	1.0	10	1.0U	83 %	---
Hexachlorocyclopentadiene, ug/l	1.1	10	1.1U	---	---
2,4,6-Trichlorophenol, ug/l	1.1	10	1.1U	---	---
2,4,5-Trichlorophenol, ug/l	1.1	10	1.1U	---	---
2-Chloronaphthalene, ug/l	1.0	10	1.0U	---	---
2-Nitroaniline, ug/l	0.72	50	0.72U	---	---
Dimethylphthalate, ug/l	0.57	10	0.57U	---	---
3-Nitroaniline, ug/l	0.64	50	0.64U	---	---
2,4-Dinitrophenol, ug/l	10	50	10U	---	---
4-Nitrophenol, ug/l	5.0	50	5.0U	80 %	---
Dibenzofuran, ug/l	1.0	10	1.0U	---	---
2,4-Dinitrotoluene, ug/l	1.1	10	1.1U	86 %	---
2,6-Dinitrotoluene, ug/l	0.87	10	0.87U	---	---
Diethylphthalate, ug/l	1.0	10	1.0U	---	---

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81781
Received: 15 MAR 03
Reported: 27 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS03
Sampled By: Client
Code: 161230327

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81781-23	Method Detection Limit (MDL)		PENS03
81781-24	Reporting Limit (RL)		PENS03
81781-25	Method Blank		PENS03
81781-26	Lab Control Standard % Recovery		PENS03
81781-31	Method Blank		PENS03

PARAMETER	81781-23	81781-24	81781-25	81781-26	81781-31
4-Chlorophenylphenyl ether, ug/l	0.70	10	0.70U	---	---
4-Nitroaniline, ug/l	0.86	50	0.86U	---	---
4,6-Dinitro-2-methylphenol, ug/l	10	50	10U	---	---
N-Nitrosodiphenylamine, ug/l	1.0	10	1.0U	---	---
4-Bromophenylphenyl ether, ug/l	1.0	10	1.0U	---	---
Hexachlorobenzene, ug/l	0.61	10	0.61U	---	---
Pentachlorophenol, ug/l	2.0	50	2.0U	90 %	---
Di-n-butylphthalate, ug/l	1.0	10	1.0U	---	---
Butylbenzylphthalate, ug/l	0.74	10	0.74U	---	---
3,3'-Dichlorobenzidine, ug/l	1.0	20	1.0U	---	---
bis(2-Ethylhexyl)phthalate, ug/l	2.4	10	2.4U	---	---
Di-n-octylphthalate, ug/l	1.2	10	1.2U	---	---
Carbazole, ug/l	0.54	10	0.54U	---	---
Surrogate - Phenol-d5	NA	NA	83 %	71 %	---
Surrogate - 2-Fluorophenol	NA	NA	76 %	64 %	---
Surrogate - 2,4,6-Tribromophenol	NA	NA	93 %	97 %	---
Surrogate - Nitrobenzene-d5	NA	NA	84 %	74 %	---
Surrogate - 2-Fluorobiphenyl	NA	NA	90 %	90 %	---
Surrogate - Terphenyl-d14	NA	NA	104 %	100 %	---

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81781
Received: 15 MAR 03
Reported: 27 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS03
Sampled By: Client
Code: 161230327

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81781-23	Method Detection Limit (MDL)		PENS03
81781-24	Reporting Limit (RL)		PENS03
81781-25	Method Blank		PENS03
81781-26	Lab Control Standard % Recovery		PENS03
81781-31	Method Blank		PENS03

PARAMETER	81781-23	81781-24	81781-25	81781-26	81781-31
Dilution Factor	---	---	1	1	---
Prep Date	---	---	03.19.03	03.19.03	---
Analysis Date	---	---	03.22.03	03.22.03	---
Batch ID	---	---	0319F	0319F	---
Initial Volume	---	---	1000	---	---
Final Volume	---	---	1.00	---	---

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • www.stl-inc.com

LOG NO: S3-81781
Received: 15 MAR 03
Reported: 27 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS03
Sampled By: Client
Code: 161230327

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81781-23	Method Detection Limit (MDL)		PENS03
81781-24	Reporting Limit (RL)		PENS03
81781-25	Method Blank		PENS03
81781-26	Lab Control Standard % Recovery		PENS03
81781-31	Method Blank		PENS03

PARAMETER	81781-23	81781-24	81781-25	81781-26	81781-31
Low Level PAH (8270)					---
Naphthalene, ug/l	0.028	0.20	0.028U	85 %	---
Acenaphthylene, ug/l	0.024	0.20	0.024U	---	---
Acenaphthene, ug/l	0.025	0.20	0.025U	90 %	---
Fluorene, ug/l	0.026	0.20	0.026U	90 %	---
Phenanthrene, ug/l	0.025	0.20	0.025U	---	---
Anthracene, ug/l	0.031	0.20	0.031U	---	---
Fluoranthene, ug/l	0.061	0.20	0.061U	---	---
Pyrene, ug/l	0.042	0.20	0.042U	95 %	---
Chrysene, ug/l	0.088	0.20	0.088U	---	---
Benzo(a)anthracene, ug/l	0.070	0.20	0.070U	---	---
Benzo(b)fluoranthene, ug/l	0.074	0.20	0.074U	---	---
Benzo(k)fluoranthene, ug/l	0.058	0.20	0.058U	---	---
Benzo(a)pyrene, ug/l	0.060	0.20	0.060U	95 %	---
Indeno(1,2,3-cd)pyrene, ug/l	0.080	0.20	0.080U	---	---
Dibenzo(a,h)anthracene, ug/l	0.065	0.20	0.065U	---	---
Benzo(g,h,i)perylene, ug/l	0.096	0.20	0.096U	---	---
2-Methylnaphthalene, ug/l	0.022	0.20	0.022U	---	---
1-Methylnaphthalene, ug/l	0.028	0.20	0.028U	---	---

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81781
Received: 15 MAR 03
Reported: 27 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS03
Sampled By: Client
Code: 161230327

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81781-23	Method Detection Limit (MDL)		PENS03
81781-24	Reporting Limit (RL)		PENS03
81781-25	Method Blank		PENS03
81781-26	Lab Control Standard % Recovery		PENS03
81781-31	Method Blank		PENS03

PARAMETER	81781-23	81781-24	81781-25	81781-26	81781-31
Surrogate - o-Terphenyl	NA	NA	125 %	100 %	---
Dilution Factor	---	---	1	1	---
Prep Date	---	---	03.18.03	03.18.03	---
Analysis Date	---	---	03.24.03	03.21.03	---
Batch ID	---	---	0318F	0318F	---
Initial Volume	---	---	1000	---	---
Final Volume	---	---	1.00	---	---

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • www.stl-inc.com

LOG NO: S3-81781
Received: 15 MAR 03
Reported: 27 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS03
Sampled By: Client
Code: 161230327

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81781-23	Method Detection Limit (MDL)		PENS03
81781-24	Reporting Limit (RL)		PENS03
81781-25	Method Blank		PENS03
81781-26	Lab Control Standard % Recovery		PENS03
81781-31	Method Blank		PENS03

PARAMETER	81781-23	81781-24	81781-25	81781-26	81781-31
Volatiles by GC/MS (8260)					
Chloromethane, ug/l	0.40	1.0	0.66J	---	0.40U
Bromomethane (Methyl bromide), ug/l	0.49	1.0	0.49U	---	0.49U
Vinyl chloride, ug/l	0.13	1.0	0.13U	---	0.13U
Chloroethane, ug/l	0.86	1.0	0.86U	---	0.86U
Methylene chloride (Dichloromethane), ug/l	0.61	5.0	0.61U	---	0.61U
Acetone, ug/l	2.3	25	2.3U	---	2.3U
Carbon disulfide, ug/l	0.72	1.0	0.72U	---	0.72U
1,1-Dichloroethene, ug/l	0.31	1.0	0.31U	118 %	0.31U
1,1-Dichloroethane, ug/l	0.12	1.0	0.12U	---	0.12U
cis-1,2-Dichloroethene, ug/l	0.16	1.0	0.16U	---	0.16U
trans-1,2-Dichloroethene, ug/l	0.36	1.0	0.36U	---	0.36U
Chloroform, ug/l	0.12	1.0	0.12U	---	0.12U
1,2-Dichloroethane, ug/l	0.18	1.0	0.18U	---	0.18U
2-Butanone (MEK), ug/l	0.48	10	0.48U	---	0.48U
1,1,1-Trichloroethane, ug/l	0.065	1.0	0.065U	---	0.065U
Carbon tetrachloride, ug/l	0.15	1.0	0.15U	---	0.15U

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81781
Received: 15 MAR 03
Reported: 27 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS03
Sampled By: Client
Code: 161230327

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81781-23	Method Detection Limit (MDL)		PENS03
81781-24	Reporting Limit (RL)		PENS03
81781-25	Method Blank		PENS03
81781-26	Lab Control Standard % Recovery		PENS03
81781-31	Method Blank		PENS03

PARAMETER	81781-23	81781-24	81781-25	81781-26	81781-31
Bromodichloromethane, ug/l	0.18	1.0	0.18U	---	0.18U
1,1,2,2-Tetrachloroethane, ug/l	0.17	1.0	0.17U	---	0.17U
1,2-Dichloropropane, ug/l	0.17	1.0	0.17U	---	0.17U
trans-1,3-Dichloropropene, ug/l	0.15	1.0	0.15U	---	0.15U
Trichloroethene, ug/l	0.13	1.0	0.52J	108 %	0.16J
Dibromochloromethane, ug/l	0.078	1.0	0.078U	---	0.078U
1,1,2-Trichloroethane, ug/l	0.11	1.0	0.11U	---	0.11U
Benzene, ug/l	0.096	1.0	0.29J	118 %	0.14J
cis-1,3-Dichloropropene, ug/l	0.12	1.0	0.12U	---	0.12U
Bromoform, ug/l	0.19	1.0	0.19U	---	0.19U
2-Hexanone, ug/l	0.29	10	0.29U	---	0.29U
4-Methyl-2-pentanone (MIBK), ug/l	0.27	10	0.27U	---	0.27U
Tetrachloroethene, ug/l	0.43	1.0	0.43U	---	0.43U
Toluene, ug/l	0.065	1.0	0.32J	116 %	0.065U
Chlorobenzene, ug/l	0.10	1.0	0.10U	102 %	0.10U
Ethylbenzene, ug/l	0.11	1.0	0.11U	---	0.11U
Styrene, ug/l	0.050	1.0	0.050U	---	0.050U
Xylenes, Total, ug/l	0.28	2.0	0.28U	---	0.28U
Surrogate - Toluene-d8	NA	NA	92 %	88 %	92 %

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • www.stl-inc.com

LOG NO: S3-81781
Received: 15 MAR 03
Reported: 27 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS03
Sampled By: Client
Code: 161230327

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81781-23	Method Detection Limit (MDL)		PENS03
81781-24	Reporting Limit (RL)		PENS03
81781-25	Method Blank		PENS03
81781-26	Lab Control Standard % Recovery		PENS03
81781-31	Method Blank		PENS03

PARAMETER	81781-23	81781-24	81781-25	81781-26	81781-31
Surrogate - 4-Bromofluorobenzene	NA	NA	100 %	88 %	100 %
Surrogate - Dibromofluoromethane	NA	NA	98 %	98 %	100 %
Dilution Factor	---	---	1	1	1
Prep Date	---	---	03.24.03	03.24.03	03.25.03
Analysis Date	---	---	03.24.03	03.24.03	03.25.03
Batch ID	---	---	1P0324	1P0324	1P0325
Initial Volume	---	---	5.00	---	5.00
Final Volume	---	---	5.00	---	5.00

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • www.stl-inc.com

LOG NO: S3-81781
Received: 15 MAR 03
Reported: 27 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS03
Sampled By: Client
Code: 161230327

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81781-23	Method Detection Limit (MDL)		PENS03
81781-24	Reporting Limit (RL)		PENS03
81781-25	Method Blank		PENS03
81781-26	Lab Control Standard % Recovery		PENS03
81781-31	Method Blank		PENS03

PARAMETER	81781-23	81781-24	81781-25	81781-26	81781-31
TCL Pesticides (8081)					---
alpha-BHC, ug/l	0.0035	0.050	0.0035U	---	---
beta-BHC, ug/l	0.0035	0.050	0.0035U	---	---
delta-BHC, ug/l	0.0090	0.050	0.0090U	---	---
gamma-BHC (Lindane), ug/l	0.0030	0.050	0.0030U	62 %	---
Heptachlor, ug/l	0.014	0.050	0.0014U	66 %	---
Aldrin, ug/l	0.0086	0.050	0.0086U	64 %	---
Heptachlor epoxide, ug/l	0.0026	0.050	0.0026U	---	---
Endosulfan I, ug/l	0.0099	0.050	0.0099U	---	---
Dieldrin, ug/l	0.0060	0.10	0.0060U	80 %	---
4,4'-DDE, ug/l	0.010	0.10	0.010U	---	---
Endrin, ug/l	0.0097	0.10	0.0097U	85 %	---
Endrin aldehyde, ug/l	0.014	0.10	0.014U	---	---
Endosulfan II, ug/l	0.0084	0.10	0.0084U	---	---
4,4'-DDD, ug/l	0.016	0.10	0.016U	---	---
Endosulfan sulfate, ug/l	0.0085	0.10	0.0085U	---	---
4,4'-DDT, ug/l	0.014	0.10	0.014U	70 %	---
Endrin ketone, ug/l	0.0072	0.10	0.0072U	---	---
Methoxychlor, ug/l	0.0070	0.50	0.0070U	---	---

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81781
Received: 15 MAR 03
Reported: 27 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS03
Sampled By: Client
Code: 161230327

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81781-23	Method Detection Limit (MDL)		PENS03
81781-24	Reporting Limit (RL)		PENS03
81781-25	Method Blank		PENS03
81781-26	Lab Control Standard % Recovery		PENS03
81781-31	Method Blank		PENS03

PARAMETER	81781-23	81781-24	81781-25	81781-26	81781-31
alpha-Chlordane, ug/l	0.0084	0.050	0.0084U	---	---
gamma-Chlordane, ug/l	0.0070	0.050	0.0070U	---	---
Toxaphene, ug/l	0.77	5.0	0.77U	---	---
Surrogate - DCB	NA	NA	60 %	70 %	---
Surrogate - 2,4,5,6-Tetrachloro-m-xylene (TCMX)	NA	NA	72 %	56 %	---
Dilution Factor	---	---	1	1	---
Prep Date	---	---	03.18.03	03.18.03	---
Analysis Date	---	---	03.19.03	03.19.03	---
Batch ID	---	---	0318R	0318R	---
Initial Volume	---	---	1000	---	---
Final Volume	---	---	10.0	---	---

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81781
Received: 15 MAR 03
Reported: 27 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS03
Sampled By: Client
Code: 161230327

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81781-23	Method Detection Limit (MDL)		PENS03
81781-24	Reporting Limit (RL)		PENS03
81781-25	Method Blank		PENS03
81781-26	Lab Control Standard % Recovery		PENS03
81781-31	Method Blank		PENS03

PARAMETER	81781-23	81781-24	81781-25	81781-26	81781-31
PCB's (8082)					---
Aroclor-1016, ug/l	0.11	1.0	0.11U	79 %	---
Aroclor-1221, ug/l	0.50	2.0	0.50U	---	---
Aroclor-1232, ug/l	0.18	1.0	0.18U	---	---
Aroclor-1242, ug/l	0.14	1.0	0.14U	---	---
Aroclor-1248, ug/l	0.11	1.0	0.11U	---	---
Aroclor-1254, ug/l	0.20	1.0	0.20U	---	---
Aroclor-1260, ug/l	0.11	1.0	0.11U	100 %	---
Surrogate - TCX	---	---	72 %	68 %	---
Surrogate - DCB	---	---	60 %	52 %	---
Dilution Factor	---	---	1	1	---
Prep Date	---	---	03.18.03	03.18.03	---
Analysis Date	---	---	03.19.03	03.24.03	---
Batch ID	---	---	0318R	0318R	---
Initial Volume	---	---	1000	---	---
Final Volume	---	---	10.0	---	---

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81781
Received: 15 MAR 03
Reported: 27 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS03
Sampled By: Client
Code: 161230327

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81781-32	Lab Control Standard % Recovery		PENS03
81781-33	Method Blank		PENS03
81781-34	Lab Control Standard % Recovery		PENS03

PARAMETER	81781-32	81781-33	81781-34

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81781
Received: 15 MAR 03
Reported: 27 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS03
Sampled By: Client
Code: 161230327

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81781-32	Lab Control Standard % Recovery		PENS03
81781-33	Method Blank		PENS03
81781-34	Lab Control Standard % Recovery		PENS03

PARAMETER	81781-32	81781-33	81781-34
Volatiles by GC/MS (8260)			
1,1-Dichloroethene, ug/l	130 %	0.31U	90 %
Trichloroethene, ug/l	106 %	0.13U	82 %
Benzene, ug/l	116 %	0.096U	88 %
Toluene, ug/l	126 %	0.065U	92 %
Chlorobenzene, ug/l	108 %	0.10U	92 %
Surrogate - Toluene-d8	92 %	92 %	92 %
Surrogate - 4-Bromofluorobenzene	102 %	92 %	96 %
Surrogate - Dibromofluoromethane	78 %	96 %	96 %
Chloromethane, ug/l	---	0.40U	---
Bromomethane (Methyl bromide), ug/l	---	0.49U	---
Vinyl chloride, ug/l	---	0.13U	---
Chloroethane, ug/l	---	0.86U	---
Methylene chloride (Dichloromethane), ug/l	---	0.61U	---
Acetone, ug/l	---	2.3U	---
Carbon disulfide, ug/l	---	0.72U	---
1,1-Dichloroethane, ug/l	---	0.12U	---
cis-1,2-Dichloroethene, ug/l	---	0.16U	---
trans-1,2-Dichloroethene, ug/l	---	0.36U	---
Chloroform, ug/l	---	0.12U	---

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • www.stl-inc.com

LOG NO: S3-81781
Received: 15 MAR 03
Reported: 27 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS03
Sampled By: Client
Code: 161230327

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81781-32	Lab Control Standard % Recovery		PENS03
81781-33	Method Blank		PENS03
81781-34	Lab Control Standard % Recovery		PENS03

PARAMETER	81781-32	81781-33	81781-34
1,2-Dichloroethane, ug/l	---	0.18U	---
2-Butanone (MEK), ug/l	---	0.48U	---
1,1,1-Trichloroethane, ug/l	---	0.065U	---
Carbon tetrachloride, ug/l	---	0.15U	---
Bromodichloromethane, ug/l	---	0.18U	---
1,1,2,2-Tetrachloroethane, ug/l	---	0.17U	---
1,2-Dichloropropane, ug/l	---	0.17U	---
trans-1,3-Dichloropropene, ug/l	---	0.15U	---
Dibromochloromethane, ug/l	---	0.078U	---
1,1,2-Trichloroethane, ug/l	---	0.11U	---
cis-1,3-Dichloropropene, ug/l	---	0.12U	---
Bromoform, ug/l	---	0.19U	---
2-Hexanone, ug/l	---	0.29U	---
4-Methyl-2-pentanone (MIBK), ug/l	---	0.27U	---
Tetrachloroethene, ug/l	---	0.43U	---
Ethylbenzene, ug/l	---	0.11U	---
Styrene, ug/l	---	0.050U	---
Xylenes, Total, ug/l	---	0.28U	---
Dilution Factor	1	1	1
Prep Date	03.25.03	03.25.03	03.25.03
Analysis Date	03.25.03	03.25.03	03.25.03
Batch ID	1P0325	2P0325	2P0325
Initial Volume	---	5.00	---
Final Volume	---	5.00	---

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • www.stl-inc.com

LOG NO: S3-81781
Received: 15 MAR 03
Reported: 27 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS03
Sampled By: Client
Code: 161230327

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81781-32	Lab Control Standard % Recovery		PENS03
81781-33	Method Blank		PENS03
81781-34	Lab Control Standard % Recovery		PENS03

PARAMETER	81781-32	81781-33	81781-34

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • www.stl-inc.com

LOG NO: S3-81781
Received: 15 MAR 03
Reported: 27 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS03
Sampled By: Client
Code: 161230327

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81781-27	Instrument Detection Limit (IDL)		PENS03
81781-28	Reporting Limit (RL)		PENS03
81781-29	Method Blank		PENS03
81781-30	Lab Control Standard % Recovery		PENS03

PARAMETER	81781-27	81781-28	81781-29	81781-30
TAL Metals (6010)				
Aluminum, ug/l	11	200	17B	107 %
Antimony, ug/l	3.8	20	3.8U	105 %
Arsenic, ug/l	3.9	10	3.9U	103 %
Barium, ug/l	0.50	10	0.50U	107 %
Beryllium, ug/l	0.10	4.0	0.10U	106 %
Cadmium, ug/l	0.40	5.0	0.40U	106 %
Calcium, ug/l	6.4	500	8.0B	105 %
Chromium, ug/l	0.90	10	0.90U	106 %
Cobalt, ug/l	0.70	10	0.70U	106 %
Copper, ug/l	0.80	20	0.80U	108 %
Iron, ug/l	16	50	16U	103 %
Lead, ug/l	1.9	5.0	1.9U	105 %
Magnesium, ug/l	7.4	500	7.4U	103 %
Manganese, ug/l	0.50	10	0.50U	107 %
Nickel, ug/l	1.2	40	1.2U	107 %
Potassium, ug/l	17	1000	17U	107 %
Selenium, ug/l	4.3	10	4.3U	105 %
Silver, ug/l	1.0	10	1.0U	105 %
Sodium, ug/l	170	500	170U	98 %

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • www.stl-inc.com

LOG NO: S3-81781
Received: 15 MAR 03
Reported: 27 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS03
Sampled By: Client
Code: 161230327

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81781-27	Instrument Detection Limit (IDL)		PENS03
81781-28	Reporting Limit (RL)		PENS03
81781-29	Method Blank		PENS03
81781-30	Lab Control Standard % Recovery		PENS03

PARAMETER	81781-27	81781-28	81781-29	81781-30
Thallium, ug/l	6.6	10	6.6U	107 %
Vanadium, ug/l	1.0	10	1.0U	104 %
Zinc, ug/l	1.8	20	1.8U	106 %
Dilution Factor	---	---	1	1
Prep Date	---	---	03.21.03	03.21.03
Analysis Date	---	---	03.24.03	03.24.03
Batch ID	---	---	0321G	0321G
Initial Volume	---	---	50	---
Final Volume	---	---	50	---
Mercury (7470)				
Mercury, ug/l	0.10	0.20	0.10U	100 %
Dilution Factor	---	---	1	1
Prep Date	---	---	03.19.03	03.19.03
Analysis Date	---	---	03.25.03	03.25.03
Batch ID	---	---	0319T	0319T
Initial Volume	---	---	50	---
Final Volume	---	---	50	---

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • www.stl-inc.com

LOG NO: S3-81781
Received: 15 MAR 03
Reported: 27 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS03
Sampled By: Client
Code: 161230327

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
PARAMETER			

These test results meet all the requirements of NELAC. All questions regarding this test report should be directed to the STL Project Manager who signed this test report.

U = Indicates compound was analyzed for but not detected.

J = The flag "J" indicates the presence of a compound that meets the identification criteria, but the result is less than the sample RL and greater than the MDL.
E (Organic) = Result exceeded the upper calibration limit.

D = Result is from a secondary dilution.

B (Organic) = This flag is used when the analyte is found in the associated method blank as well as in the sample.

B (Inorganic) = This flag indicates the reported value was obtained from a reading that was less than the Project Reporting Limits but greater than or equal to the Method Detection Limit (MDL).

Linda A Wolfe
Linda A. Wolfe, Project Manager

Final Page Of Report

FDX AIRBILL 8359 4080 1286

Serial Number 02999

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

SEVERN TRENT **STL**

STL Savannah
5102 LaRoche Avenue
Savannah, GA 31404
Website: www.stl-inc.com
Phone: (912) 354-7858
Fax: (912) 352-0165

Alternate Laboratory Name/Location
Phone:
Fax:

PROJECT REFERENCE	PROJECT NO.	PROJECT LOCATION (STATE)
NAS PENSACOLA		FL
STL (LAB) PROJECT MANAGER	P.O. NUMBER	CONTRACT NO.
CLIENT (SITE) PM	CLIENT PHONE	CLIENT FAX
ALLISON HARRIS	901 372 7962	372 2454
CLIENT NAME	CLIENT E-MAIL	
ECOSAFE		
CLIENT ADDRESS		
3724 SUMMER TREES DR MEMPHIS TN ~~379~~ 38138		
COMPANY CONTRACTING THIS WORK (if applicable)		

PAGE 1 OF 2

STANDARD REPORT DELIVERY ⊘

DATE DUE _____

EXPEDITED REPORT DELIVERY (SURCHARGE) ⬭

DATE DUE _____

NUMBER OF COOLERS SUBMITTED PER SHIPMENT: 4

SAMPLE DATE	SAMPLE TIME	SAMPLE IDENTIFICATION	COMPOSITE (C) OR GRAB (G) INDICATE	MATRIX: AQUEOUS (WATER)	MATRIX: SOLID OR SEMISOLID	MATRIX: AIR	MATRIX: NONAQUEOUS LIQUID (OIL, SOLVENT,...)	REQUIRED ANALYSIS: VOCs	METALS	SVOCs/PAHs	PEST/PCBs	REMARKS
								HCl	HNO3	NA	NA	PRESERVATIVE
3/14/03	1000	027GS00603	G	X				X				
	1015	030GS12303	G	X				X	X	X	X	
	1125	030GS02703	G	X				X	X			
	1200	030GS02203	G	X				X	X	X		
	1500	030GI32A03	G	X				X				
	1510	030GS01503	G	X				X				
	0940	011GI01203	G	X				X	X			
	1100	~~011GS01403~~ 011GI01403	G	X				X	X			
	1100	011HI01403	G	X				X	X			
	1245	011GS05203	G	X				X				
	1245	011HS05203	G	X				X				
	1320	030GS10503	G	X						X		

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
	3/14/03	1800						
RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME
EMPTY CONTAINERS								

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT YES ⬭ NO ⬭	CUSTODY SEAL NO.	STL SAVANNAH LOG NO.	LABORATORY REMARKS
	03/15/03	0920			538178	

STL8240-680 (12/02)

FDX AIRBILL 8359 4080 1286

Serial Number 03001

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

SEVERN TRENT **STL**

STL Savannah
5102 LaRoche Avenue
Savannah, GA 31404

Website: www.stl-inc.com
Phone: (912) 354-7858
Fax: (912) 352-0165

Alternate Laboratory Name/Location

Phone:
Fax:

PROJECT REFERENCE: NAS PENSACOLA	PROJECT NO.	PROJECT LOCATION (STATE): FL	PAGE 2 OF 2
STL (LAB) PROJECT MANAGER	P.O. NUMBER	CONTRACT NO.	STANDARD REPORT DELIVERY: X DATE DUE
CLIENT (SITE) PM: ALLISON HARRIS	CLIENT PHONE	CLIENT FAX	EXPEDITED REPORT DELIVERY (SURCHARGE): DATE DUE
CLIENT NAME: ENSAFE	CLIENT E-MAIL		
CLIENT ADDRESS: 3724 SUMMER TREES DR MEMPHIS TN 38138			NUMBER OF COOLERS SUBMITTED PER SHIPMENT: 4
COMPANY CONTRACTING THIS WORK (if applicable)			

MATRIX TYPE: COMPOSITE (C) OR GRAB (G) INDICATE; AQUEOUS (WATER); SOLID OR SEMISOLID; AIR; NONAQUEOUS LIQUID (OIL, SOLVENT,...)

REQUIRED ANALYSIS / NUMBER OF CONTAINERS SUBMITTED

PRESERVATIVE

SAMPLE DATE	SAMPLE TIME	SAMPLE IDENTIFICATION	AQUEOUS (WATER)	SOLID OR SEMISOLID	AIR	NONAQUEOUS LIQUID	VOCs (HCl)	METALS (HNO3)	SVOCs/PAHs	PEST/PCBs	REMARKS
3/14/03	1120	011GS01303	X				X	X	X		
	1120	011HS01303	X				X	X	X		
	1455	030GS11303	X				X				
	1415	030GI11303	X				X				
	1455	030HS11303	X				X				
	1415	030HI11303	X				X				
3/12/03	1700	059FB00001	X				X	X	X	X	
3/14/03	0730	059EB00001	X				X	X	X	X	
	1700	059TG00003	X				X				TRIP
	1700	059TG00004	X				X				TRIP

TK [signature] 3/14/03

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
TK [signature]	3/14/03	1800						
RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT	CUSTODY SEAL NO.	STL SAVANNAH LOG NO.	LABORATORY REMARKS
[signature]			YES / NO		5381781	

STL8240-680 (12/02)

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81781A
Received: 15 MAR 03
Reported: 28 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS04
Sampled By: Client
Code: 102930519

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE/ TIME SAMPLED	SDG#
81781A-1	030S001706	03-14-03/11:45	PENS04
81781A-2	030S001718	03-14-03/11:55	PENS04
81781A-3	030S013806	03-14-03/09:30	PENS04
81781A-4	030S013820	03-14-03/09:30	PENS04
81781A-5	030S013706	03-14-03/11:15	PENS04

PARAMETER	81781A-1	81781A-2	81781A-3	81781A-4	81781A-5
Volatiles by GC/MS (8260)					
Chloromethane, ug/kg dw	1.6U	1.3U	1.6U	210U	1.6U
Bromomethane (Methyl bromide), ug/kg dw	0.67U	0.53U	0.64U	210U	0.65U
Vinyl chloride, ug/kg dw	1.8U	1.4U	1.7U	210U	1.7U
Chloroethane, ug/kg dw	0.67U	0.53U	0.64U	210U	0.65U
Methylene chloride (Dichloromethane), ug/kg dw	1.4J	0.93J	1.3J	110U	1.0J
Acetone, ug/kg dw	5.8U	4.7U	5.6U	1100U	5.7U
Carbon disulfide, ug/kg dw	0.47U	0.37U	0.45U	170U	0.46U
1,1-Dichloroethene, ug/kg dw	0.68U	0.54U	0.65U	180U	0.66U
1,1-Dichloroethane, ug/kg dw	0.94U	0.75U	0.90U	75U	0.92U
cis-1,2-Dichloroethene, ug/kg dw	0.46U	0.36U	0.44U	120U	0.45U
trans-1,2-Dichloroethene, ug/kg dw	0.94U	0.75U	0.90U	110U	0.92U
Chloroform, ug/kg dw	0.52U	0.41U	0.49U	84U	0.50U
1,2-Dichloroethane, ug/kg dw	0.77U	0.62U	0.74U	210U	0.76U
2-Butanone (MEK), ug/kg dw	1.6J	1.1J	4.2J	360U	0.32U
1,1,1-Trichloroethane, ug/kg dw	0.63U	0.50U	0.60U	240U	0.62U

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81781A
Received: 15 MAR 03
Reported: 28 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS04
Sampled By: Client
Code: 102930519

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE/ TIME SAMPLED	SDG#
81781A-1	030S001706	03-14-03/11:45	PENS04
81781A-2	030S001718	03-14-03/11:55	PENS04
81781A-3	030S013806	03-14-03/09:30	PENS04
81781A-4	030S013820	03-14-03/09:30	PENS04
81781A-5	030S013706	03-14-03/11:15	PENS04

PARAMETER	81781A-1	81781A-2	81781A-3	81781A-4	81781A-5
Carbon tetrachloride, ug/kg dw	0.41U	0.33U	0.39U	260U	0.40U
Bromodichloromethane, ug/kg dw	0.36U	0.29U	0.35U	180U	0.36U
1,1,2,2-Tetrachloroethane, ug/kg dw	0.67U	0.53U	0.64U	170U	0.65U
1,2-Dichloropropane, ug/kg dw	0.76U	0.61U	0.73U	200U	0.74U
trans-1,3-Dichloropropene, ug/kg dw	1.2U	0.94U	1.1U	130U	1.1U
Trichloroethene, ug/kg dw	0.90U	0.72U	0.86U	210U	0.88U
Dibromochloromethane, ug/kg dw	0.46U	0.36U	0.44U	140U	0.45U
1,1,2-Trichloroethane, ug/kg dw	1.1U	0.91U	1.1U	88U	1.1U
Benzene, ug/kg dw	0.44U	0.36U	0.42U	99U	0.44U
cis-1,3-Dichloropropene, ug/kg dw	0.82U	0.66U	0.78U	210U	0.80U
Bromoform, ug/kg dw	0.80U	0.64U	0.76U	96U	0.78U
2-Hexanone, ug/kg dw	0.50U	0.40U	0.48U	1100U	0.49U
4-Methyl-2-pentanone (MIBK), ug/kg dw	0.44U	0.36U	1.5J	300U	0.44U
Tetrachloroethene, ug/kg dw	1.3J	0.92U	1.1U	220J	1.1U
Toluene, ug/kg dw	0.76U	0.61U	0.73U	420J	0.74U
Chlorobenzene, ug/kg dw	0.87U	0.69U	0.83U	130U	0.85U

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • www.stl-inc.com

LOG NO: S3-81781A
Received: 15 MAR 03
Reported: 28 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS04
Sampled By: Client
Code: 102930519

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE/ TIME SAMPLED	SDG#
81781A-1	030S001706	03-14-03/11:45	PENS04
81781A-2	030S001718	03-14-03/11:55	PENS04
81781A-3	030S013806	03-14-03/09:30	PENS04
81781A-4	030S013820	03-14-03/09:30	PENS04
81781A-5	030S013706	03-14-03/11:15	PENS04

PARAMETER	81781A-1	81781A-2	81781A-3	81781A-4	81781A-5
Ethylbenzene, ug/kg dw	0.75J	0.28U	0.34U	19000	13
Styrene, ug/kg dw	0.62U	0.50U	0.59U	280U	0.61U
Xylenes, Total, ug/kg dw	1.1U	0.91U	1.1U	110000	80
Surrogate - Toluene-d8	95 %	94 %	95 %	108 %	102 %
Surrogate - 4-Bromofluorobenzene	90 %	96 %	93 %	92 %	102 %
Surrogate - Dibromofluoromethane	93 %	94 %	91 %	100 %	81 %
Dilution Factor	1	1	1	80	1
Prep Date	03.15.03	03.15.03	03.15.03	03.15.03	03.15.03
Analysis Date	03.20.03	03.20.03	03.20.03	03.27.03	03.20.03
Batch ID	1M0320	1M0320	1M0320	200326	1M0320
Initial Volume	4.40	5.80	4.80	5.30	4.90
Final Volume	5.00	5.00	5.00	5.00	5.00

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81781A
Received: 15 MAR 03
Reported: 28 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS04
Sampled By: Client
Code: 102930519

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE/ TIME SAMPLED	SDG#
81781A-1	030S001706	03-14-03/11:45	PENS04
81781A-2	030S001718	03-14-03/11:55	PENS04
81781A-3	030S013806	03-14-03/09:30	PENS04
81781A-4	030S013820	03-14-03/09:30	PENS04
81781A-5	030S013706	03-14-03/11:15	PENS04

PARAMETER	81781A-1	81781A-2	81781A-3	81781A-4	81781A-5
Volatiles by GC/MS - SPLP (SPLP8260)					
Chloromethane, ug/l	1.8	0.40U	0.40U	0.40U	0.40U
Bromomethane (Methyl bromide), ug/l	0.49U	0.49U	0.49U	0.49U	0.49U
Vinyl chloride, ug/l	0.13U	0.13U	0.13U	0.13U	0.13U
Chloroethane, ug/l	0.86U	0.86U	0.86U	0.86U	0.86U
Methylene chloride (Dichloromethane), ug/l	0.61U	0.61U	0.61U	0.61U	0.61U
Acetone, ug/l	26	12J	2.3U	2.9J	2.9J
Carbon disulfide, ug/l	0.72U	0.72U	0.72U	0.72U	0.72U
1,1-Dichloroethene, ug/l	0.31U	0.31U	0.31U	0.31U	0.31U
1,1-Dichloroethane, ug/l	0.12U	0.12U	0.12U	0.12U	0.12U
cis-1,2-Dichloroethene, ug/l	0.16U	0.16U	0.16U	0.16U	0.16U
trans-1,2-Dichloroethene, ug/l	0.36U	0.36U	0.36U	0.36U	0.36U
Chloroform, ug/l	0.12U	0.12U	0.12U	0.12U	0.12U
1,2-Dichloroethane, ug/l	0.18U	0.18U	0.18U	0.18U	0.18U
2-Butanone (MEK), ug/l	0.48U	0.48U	0.48U	0.48U	0.48U
1,1,1-Trichloroethane, ug/l	0.065U	0.065U	0.065U	0.065U	0.065U
Carbon tetrachloride, ug/l	0.15U	0.15U	0.15U	0.15U	0.15U

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81781A
Received: 15 MAR 03
Reported: 28 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS04
Sampled By: Client
Code: 102930519

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE/ TIME SAMPLED	SDG#
81781A-1	030S001706	03-14-03/11:45	PENS04
81781A-2	030S001718	03-14-03/11:55	PENS04
81781A-3	030S013806	03-14-03/09:30	PENS04
81781A-4	030S013820	03-14-03/09:30	PENS04
81781A-5	030S013706	03-14-03/11:15	PENS04

PARAMETER	81781A-1	81781A-2	81781A-3	81781A-4	81781A-5
Bromodichloromethane, ug/l	0.18U	0.18U	0.18U	0.18U	0.18U
1,2-Dichloropropane, ug/l	0.17U	24	0.17U	0.17U	0.17U
cis-1,3-Dichloropropene, ug/l	0.12U	0.12U	0.12U	0.12U	0.12U
Trichloroethene, ug/l	0.13U	2.6	0.13U	0.13U	0.24J
Dibromochloromethane, ug/l	0.078U	0.078U	0.078U	0.078U	0.078U
1,1,2-Trichloroethane, ug/l	0.11U	0.11U	0.11U	0.11U	0.11U
Benzene, ug/l	0.096U	0.096U	0.096U	0.096U	0.096U
trans-1,3-Dichloropropene, ug/l	0.15U	0.15U	0.15U	0.15U	0.15U
Bromoform, ug/l	0.19U	0.19U	0.19U	0.19U	0.19U
4-Methyl-2-pentanone (MIBK), ug/l	0.27U	0.27U	0.27U	0.27U	0.27U
2-Hexanone, ug/l	0.29U	0.29U	0.29U	0.29U	0.29U
Tetrachloroethene, ug/l	0.43U	1.0	0.43U	0.43U	0.43U
1,1,2,2-Tetrachloroethane, ug/l	0.17U	0.17U	0.17U	0.17U	0.17U
Toluene, ug/l	0.065U	0.68J	0.065U	0.20J	0.33J
Chlorobenzene, ug/l	0.10U	0.10U	0.10U	0.10U	0.10U
Ethylbenzene, ug/l	0.11U	0.11U	0.11U	20	0.11U
Styrene, ug/l	0.050U	0.050U	0.050U	0.050U	0.11J
Xylenes, Total, ug/l	0.28U	0.45J	0.32J	150	1.5J
Surrogate - Toluene-d8	98 %	98 %	98 %	100 %	96 %

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81781A
Received: 15 MAR 03
Reported: 28 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS04
Sampled By: Client
Code: 102930519

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE/ TIME SAMPLED	SDG#
81781A-1	030S001706	03-14-03/11:45	PENS04
81781A-2	030S001718	03-14-03/11:55	PENS04
81781A-3	030S013806	03-14-03/09:30	PENS04
81781A-4	030S013820	03-14-03/09:30	PENS04
81781A-5	030S013706	03-14-03/11:15	PENS04

PARAMETER	81781A-1	81781A-2	81781A-3	81781A-4	81781A-5
Surrogate - 4-Bromofluorobenzene	90 %	90 %	90 %	92 %	90 %
Surrogate - 1,2-Dichloroethane-d4	100 %	100 %	100 %	100 %	100 %
Dilution Factor	1	1	1	1	1
Prep Date	03.25.03	03.25.03	03.25.03	03.25.03	03.25.03
Analysis Date	03.25.03	03.25.03	03.25.03	03.25.03	03.25.03
Batch ID	100325	100325	100325	100325	100325
Initial Volume	5.00	5.00	5.00	5.00	5.00
Final Volume	5.00	5.00	5.00	5.00	5.00
Percent Solids	97	92	93	88	89

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81781A
Received: 15 MAR 03
Reported: 28 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS04
Sampled By: Client
Code: 102930519

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE/ TIME SAMPLED	SDG#
81781A-6	011S000606	03-14-03/08:30	PENS04
81781A-7	030S005302	03-14-03/12:40	PENS04
81781A-8	030S005304	03-14-03/12:40	PENS04
81781A-9	030S005310	03-14-03/12:40	PENS04
81781A-10	030S015016	03-14-03/14:00	PENS04

PARAMETER	81781A-6	81781A-7	81781A-8	81781A-9	81781A-10
Volatiles by GC/MS (8260)					
Chloromethane, ug/kg dw	1.5U	1.7U	1.8U	1.6U	1.6U
Bromomethane (Methyl bromide), ug/kg dw	0.62U	0.68U	0.72U	0.65U	0.66U
Vinyl chloride, ug/kg dw	1.6U	1.8U	1.9U	1.7U	1.7U
Chloroethane, ug/kg dw	0.62U	0.68U	0.72U	0.65U	0.66U
Methylene chloride (Dichloromethane), ug/kg dw	1.3J	1.2J	1.2J	1.3J	1.4J
Acetone, ug/kg dw	5.5U	6.0U	6.3U	5.7U	5.8U
Carbon disulfide, ug/kg dw	0.44U	0.48U	0.50U	0.46U	0.46U
1,1-Dichloroethene, ug/kg dw	0.64U	0.70U	0.73U	0.66U	0.67U
1,1-Dichloroethane, ug/kg dw	0.88U	0.96U	1.0U	0.92U	0.92U
cis-1,2-Dichloroethene, ug/kg dw	0.43U	0.47U	0.49U	0.45U	0.45U
trans-1,2-Dichloroethene, ug/kg dw	0.88U	0.96U	1.0U	0.92U	0.92U
Chloroform, ug/kg dw	0.48U	0.53U	0.55U	0.50U	0.51U
1,2-Dichloroethane, ug/kg dw	0.72U	0.79U	0.83U	0.76U	0.76U
2-Butanone (MEK), ug/kg dw	3.2J	0.34U	0.35U	0.32U	0.32U
1,1,1-Trichloroethane, ug/kg dw	0.59U	0.65U	0.68U	0.62U	0.62U

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81781A
Received: 15 MAR 03
Reported: 28 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS04
Sampled By: Client
Code: 102930519

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE/ TIME SAMPLED	SDG#
81781A-6	011S000606	03-14-03/08:30	PENS04
81781A-7	030S005302	03-14-03/12:40	PENS04
81781A-8	030S005304	03-14-03/12:40	PENS04
81781A-9	030S005310	03-14-03/12:40	PENS04
81781A-10	030S015016	03-14-03/14:00	PENS04

PARAMETER	81781A-6	81781A-7	81781A-8	81781A-9	81781A-10
Carbon tetrachloride, ug/kg dw	0.38U	0.42U	0.44U	0.40U	0.40U
Bromodichloromethane, ug/kg dw	0.34U	0.37U	0.39U	0.36U	0.36U
1,1,2,2-Tetrachloroethane, ug/kg dw	0.62U	0.68U	0.72U	0.65U	0.66U
1,2-Dichloropropane, ug/kg dw	0.71U	0.78U	0.82U	0.74U	0.75U
trans-1,3-Dichloropropene, ug/kg dw	1.1U	1.2U	1.2U	1.1U	1.2U
Trichloroethene, ug/kg dw	0.84U	0.92U	0.97U	0.88U	0.89U
Dibromochloromethane, ug/kg dw	0.43U	0.47U	0.49U	0.45U	0.45U
1,1,2-Trichloroethane, ug/kg dw	1.1U	1.2U	1.2U	1.1U	1.1U
Benzene, ug/kg dw	0.42U	0.46U	0.48U	0.44U	0.44U
cis-1,3-Dichloropropene, ug/kg dw	0.77U	0.84U	0.88U	0.80U	0.81U
Bromoform, ug/kg dw	0.74U	0.82U	0.85U	0.78U	0.79U
2-Hexanone, ug/kg dw	0.47U	0.52U	0.54U	0.49U	0.50U
4-Methyl-2-pentanone (MIBK), ug/kg dw	0.42U	0.46U	0.48U	0.44U	0.44U
Tetrachloroethene, ug/kg dw	30	1.2U	1.2U	1.1U	1.1U
Toluene, ug/kg dw	0.71U	0.78U	0.82U	0.74U	0.75U
Chlorobenzene, ug/kg dw	0.81U	0.89U	0.93U	0.85U	0.86U

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • www.stl-inc.com

LOG NO: S3-81781A
Received: 15 MAR 03
Reported: 28 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS04
Sampled By: Client
Code: 102930519

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE/ TIME SAMPLED	SDG#
81781A-6	011S000606	03-14-03/08:30	PENS04
81781A-7	030S005302	03-14-03/12:40	PENS04
81781A-8	030S005304	03-14-03/12:40	PENS04
81781A-9	030S005310	03-14-03/12:40	PENS04
81781A-10	030S015016	03-14-03/14:00	PENS04

PARAMETER	81781A-6	81781A-7	81781A-8	81781A-9	81781A-10
Ethylbenzene, ug/kg dw	2.9J	1.4J	0.86J	0.62J	0.81J
Styrene, ug/kg dw	0.58U	0.64U	0.67U	0.61U	0.61U
Xylenes, Total, ug/kg dw	15	8.0J	4.9J	3.2J	4.0J
Surrogate - Toluene-d8	87 %	95 %	97 %	95 %	93 %
Surrogate - 4-Bromofluorobenzene	78 %	88 %	97 %	96 %	84 %
Surrogate - Dibromofluoromethane	85 %	85 %	86 %	88 %	88 %
Dilution Factor	1	1	1	1	1
Prep Date	03.15.03	03.15.03	03.15.03	03.15.03	03.15.03
Analysis Date	03.20.03	03.20.03	03.20.03	03.20.03	03.20.03
Batch ID	1M0320	1M0320	1M0320	1M0320	1M0320
Initial Volume	4.80	4.30	4.10	4.90	4.60
Final Volume	5.00	5.00	5.00	5.00	5.00

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • www.stl-inc.com

LOG NO: S3-81781A
Received: 15 MAR 03
Reported: 28 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS04
Sampled By: Client
Code: 102930519

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE/ TIME SAMPLED	SDG#
81781A-6	011S000606	03-14-03/08:30	PENS04
81781A-7	030S005302	03-14-03/12:40	PENS04
81781A-8	030S005304	03-14-03/12:40	PENS04
81781A-9	030S005310	03-14-03/12:40	PENS04
81781A-10	030S015016	03-14-03/14:00	PENS04

PARAMETER	81781A-6	81781A-7	81781A-8	81781A-9	81781A-10
Volatiles by GC/MS - SPLP (SPLP8260)					
Chloromethane, ug/l	0.40U	0.40U	0.44J	0.51J	0.40U
Bromomethane (Methyl bromide), ug/l	0.49U	0.49U	0.49U	0.49U	0.49U
Vinyl chloride, ug/l	0.13U	0.13U	0.13U	0.13U	0.13U
Chloroethane, ug/l	0.86U	0.86U	0.86U	0.86U	0.86U
Methylene chloride (Dichloromethane), ug/l	0.61U	0.61U	0.61U	0.61U	0.61U
Acetone, ug/l	3.6J	2.9J	5.0J	4.2J	4.4J
Carbon disulfide, ug/l	0.72U	0.72U	0.72U	0.72U	0.72U
1,1-Dichloroethene, ug/l	0.31U	0.31U	0.31U	0.31U	0.31U
1,1-Dichloroethane, ug/l	0.12U	0.12U	0.12U	0.12U	0.12U
cis-1,2-Dichloroethene, ug/l	0.16U	0.16U	0.16U	0.16U	0.16U
trans-1,2-Dichloroethene, ug/l	0.36U	0.36U	0.36U	0.36U	0.36U
Chloroform, ug/l	0.12U	0.12U	0.12U	0.12U	0.12U
1,2-Dichloroethane, ug/l	0.18U	0.18U	0.18U	0.18U	0.18U
2-Butanone (MEK), ug/l	0.48U	0.48U	0.48U	0.48U	0.48U
1,1,1-Trichloroethane, ug/l	0.065U	0.065U	0.065U	0.065U	0.065U
Carbon tetrachloride, ug/l	0.15U	0.15U	0.15U	0.15U	0.15U

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81781A
Received: 15 MAR 03
Reported: 28 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS04
Sampled By: Client
Code: 102930519

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE/ TIME SAMPLED	SDG#
81781A-6	011S000606	03-14-03/08:30	PENS04
81781A-7	030S005302	03-14-03/12:40	PENS04
81781A-8	030S005304	03-14-03/12:40	PENS04
81781A-9	030S005310	03-14-03/12:40	PENS04
81781A-10	030S015016	03-14-03/14:00	PENS04

PARAMETER	81781A-6	81781A-7	81781A-8	81781A-9	81781A-10
Bromodichloromethane, ug/l	0.18U	0.18U	0.18U	0.18U	0.18U
1,2-Dichloropropane, ug/l	0.17U	0.17U	0.17U	0.17U	0.17U
cis-1,3-Dichloropropene, ug/l	0.12U	0.12U	0.12U	0.12U	0.12U
Trichloroethene, ug/l	0.13U	0.13U	0.13U	0.13U	0.13U
Dibromochloromethane, ug/l	0.078U	0.078U	0.078U	0.078U	0.078U
1,1,2-Trichloroethane, ug/l	0.11U	0.11U	0.11U	0.11U	0.11U
Benzene, ug/l	0.096U	0.096U	0.096U	0.096U	0.096U
trans-1,3-Dichloropropene, ug/l	0.15U	0.15U	0.15U	0.15U	0.15U
Bromoform, ug/l	0.19U	0.19U	0.19U	0.19U	0.19U
4-Methyl-2-pentanone (MIBK), ug/l	0.27U	0.27U	0.27U	0.27U	0.27U
2-Hexanone, ug/l	0.29U	0.29U	0.29U	0.29U	0.29U
Tetrachloroethene, ug/l	0.43U	0.43U	0.43U	0.43U	0.43U
1,1,2,2-Tetrachloroethane, ug/l	0.17U	0.17U	0.17U	0.17U	0.33J
Toluene, ug/l	0.28J	0.22J	0.19J	0.34J	0.22J
Chlorobenzene, ug/l	0.10U	0.10U	0.10U	0.10U	0.10U
Ethylbenzene, ug/l	0.11U	0.19J	0.11U	0.11U	0.19J
Styrene, ug/l	0.050U	0.050U	0.050U	0.050U	0.053J
Xylenes, Total, ug/l	1.3J	1.2J	1.0J	2.8	1.3J
Surrogate - Toluene-d8	96 %	104 %	96 %	96 %	96 %

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • www.stl-inc.com

LOG NO: S3-81781A
Received: 15 MAR 03
Reported: 28 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS04
Sampled By: Client
Code: 102930519

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE/ TIME SAMPLED	SDG#
81781A-6	011S000606	03-14-03/08:30	PENS04
81781A-7	030S005302	03-14-03/12:40	PENS04
81781A-8	030S005304	03-14-03/12:40	PENS04
81781A-9	030S005310	03-14-03/12:40	PENS04
81781A-10	030S015016	03-14-03/14:00	PENS04

PARAMETER	81781A-6	81781A-7	81781A-8	81781A-9	81781A-10
Surrogate - 4-Bromofluorobenzene	92 %	92 %	92 %	90 %	92 %
Surrogate - 1,2-Dichloroethane-d4	100 %	100 %	100 %	100 %	100 %
Dilution Factor	1	1	1	1	1
Prep Date	03.25.03	03.25.03	03.25.03	03.25.03	03.25.03
Analysis Date	03.25.03	03.25.03	03.25.03	03.25.03	03.25.03
Batch ID	100325	100325	100325	100325	100325
Initial Volume	5.00	5.00	5.00	5.00	5.00
Final Volume	5.00	5.00	5.00	5.00	5.00
Percent Solids	95	97	97	89	94

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • www.stl-inc.com

LOG NO: S3-81781A
Received: 15 MAR 03
Reported: 28 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS04
Sampled By: Client
Code: 102930519

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE/ TIME SAMPLED	SDG#
81781A-11	030S014806	03-14-03/14:45	PENS04
81781A-12	030S014206	03-14-03/15:00	PENS04

PARAMETER	81781A-11	81781A-12
Volatiles by GC/MS (8260)		
Chloromethane, ug/kg dw	1.6U	1.9U
Bromomethane (Methyl bromide), ug/kg dw	0.64U	0.78U
Vinyl chloride, ug/kg dw	1.7U	2.0U
Chloroethane, ug/kg dw	0.64U	0.78U
Methylene chloride (Dichloromethane), ug/kg dw	1.0J	1.4J
Acetone, ug/kg dw	5.6U	6.8U
Carbon disulfide, ug/kg dw	0.45U	0.54U
1,1-Dichloroethene, ug/kg dw	0.65U	0.79U
1,1-Dichloroethane, ug/kg dw	0.90U	1.1U
cis-1,2-Dichloroethene, ug/kg dw	0.44U	0.53U
trans-1,2-Dichloroethene, ug/kg dw	0.90U	1.1U
Chloroform, ug/kg dw	0.49U	0.60U
1,2-Dichloroethane, ug/kg dw	0.74U	0.90U
2-Butanone (MEK), ug/kg dw	0.31U	0.38U
1,1,1-Trichloroethane, ug/kg dw	0.60U	0.74U
Carbon tetrachloride, ug/kg dw	0.39U	0.48U
Bromodichloromethane, ug/kg dw	0.35U	0.42U
1,1,2,2-Tetrachloroethane, ug/kg dw	0.64U	0.78U

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • www.stl-inc.com

LOG NO: S3-81781A
Received: 15 MAR 03
Reported: 28 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS04
Sampled By: Client
Code: 102930519

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE/ TIME SAMPLED	SDG#
81781A-11	030S014806	03-14-03/14:45	PENS04
81781A-12	030S014206	03-14-03/15:00	PENS04

PARAMETER	81781A-11	81781A-12
1,2-Dichloropropane, ug/kg dw	0.73U	0.89U
trans-1,3-Dichloropropene, ug/kg dw	1.1U	1.4U
Trichloroethene, ug/kg dw	0.86U	1.0U
Dibromochloromethane, ug/kg dw	0.44U	0.53U
1,1,2-Trichloroethane, ug/kg dw	1.1U	1.3U
Benzene, ug/kg dw	0.42U	0.52U
cis-1,3-Dichloropropene, ug/kg dw	0.78U	0.95U
Bromoform, ug/kg dw	0.76U	0.93U
2-Hexanone, ug/kg dw	0.48U	0.59U
4-Methyl-2-pentanone (MIBK), ug/kg dw	0.42U	0.52U
Tetrachloroethene, ug/kg dw	1.1U	1.3U
Toluene, ug/kg dw	0.73U	0.89U
Chlorobenzene, ug/kg dw	0.83U	1.0U
Ethylbenzene, ug/kg dw	0.43J	0.41U
Styrene, ug/kg dw	0.59U	0.72U
Xylenes, Total, ug/kg dw	1.1U	3.2J
Surrogate - Toluene-d8	98 %	96 %
Surrogate - 4-Bromofluorobenzene	96 %	93 %
Surrogate - Dibromofluoromethane	88 %	82 %
Dilution Factor	1	1
Prep Date	03.15.03	03.15.03
Analysis Date	03.20.03	03.20.03
Batch ID	1M0320	1M0320
Initial Volume	4.70	3.90
Final Volume	5.00	5.00

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81781A
Received: 15 MAR 03
Reported: 28 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS04
Sampled By: Client
Code: 102930519

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE/ TIME SAMPLED	SDG#
81781A-11	030S014806	03-14-03/14:45	PENS04
81781A-12	030S014206	03-14-03/15:00	PENS04

PARAMETER	81781A-11	81781A-12
Volatiles by GC/MS - SPLP (SPLP8260)		
Chloromethane, ug/l	0.40U	0.40U
Bromomethane (Methyl bromide), ug/l	0.49U	0.49U
Vinyl chloride, ug/l	0.13U	0.13U
Chloroethane, ug/l	0.86U	0.86U
Methylene chloride (Dichloromethane), ug/l	0.61U	0.61U
Acetone, ug/l	5.8J	2.7J
Carbon disulfide, ug/l	0.72U	0.72U
1,1-Dichloroethene, ug/l	0.31U	0.31U
1,1-Dichloroethane, ug/l	0.12U	0.12U
cis-1,2-Dichloroethene, ug/l	0.16U	0.16U
trans-1,2-Dichloroethene, ug/l	0.36U	0.36U
Chloroform, ug/l	0.12U	0.12U
1,2-Dichloroethane, ug/l	0.18U	0.18U
2-Butanone (MEK), ug/l	0.48U	0.48U
1,1,1-Trichloroethane, ug/l	0.065U	0.065U
Carbon tetrachloride, ug/l	0.15U	0.15U
Bromodichloromethane, ug/l	0.18U	0.18U
1,2-Dichloropropane, ug/l	0.17U	0.17U
cis-1,3-Dichloropropene, ug/l	0.12U	0.12U

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81781A
Received: 15 MAR 03
Reported: 28 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS04
Sampled By: Client
Code: 102930519

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE/ TIME SAMPLED	SDG#
81781A-11	030S014806	03-14-03/14:45	PENS04
81781A-12	030S014206	03-14-03/15:00	PENS04

PARAMETER	81781A-11	81781A-12
Trichloroethene, ug/l	1.0	0.13U
Dibromochloromethane, ug/l	0.078U	0.078U
1,1,2-Trichloroethane, ug/l	0.11U	0.11U
Benzene, ug/l	0.096U	0.096U
trans-1,3-Dichloropropene, ug/l	0.15U	0.15U
Bromoform, ug/l	0.19U	0.19U
4-Methyl-2-pentanone (MIBK), ug/l	0.27U	0.27U
2-Hexanone, ug/l	0.29U	0.29U
Tetrachloroethene, ug/l	0.71J	0.43U
1,1,2,2-Tetrachloroethane, ug/l	0.17U	0.17U
Toluene, ug/l	0.30J	0.72J
Chlorobenzene, ug/l	0.10U	0.10U
Ethylbenzene, ug/l	0.11U	0.11U
Styrene, ug/l	0.050U	0.050U
Xylenes, Total, ug/l	0.87J	1.2J
Surrogate - Toluene-d8	96 %	98 %
Surrogate - 4-Bromofluorobenzene	90 %	92 %
Surrogate - 1,2-Dichloroethane-d4	100 %	100 %
Dilution Factor	1	1
Prep Date	03.25.03	03.25.03
Analysis Date	03.25.03	03.25.03
Batch ID	100325	100325
Initial Volume	5.00	5.00
Final Volume	5.00	5.00

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81781A
Received: 15 MAR 03
Reported: 28 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS04
Sampled By: Client
Code: 102930519

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE/ TIME SAMPLED	SDG#
81781A-11	030S014806	03-14-03/14:45	PENS04
81781A-12	030S014206	03-14-03/15:00	PENS04

PARAMETER	81781A-11	81781A-12
Percent Solids	95	94

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • www.stl-inc.com

LOG NO: S3-81781A
Received: 15 MAR 03
Reported: 28 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS04
Sampled By: Client
Code: 102930519

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE/ TIME SAMPLED	SDG#
81781A-13	011SLF1206	03-14-03/09:00	PENS04
81781A-13-DL	011SLF1206	03-14-03/09:00	PENS04

PARAMETER	81781A-13	81781A-13-DL
TAL Metals (6010)		---
Aluminum, mg/kg dw	890	---
Antimony, mg/kg dw	0.39U	---
Arsenic, mg/kg dw	0.40U	---
Barium, mg/kg dw	5.1	---
Beryllium, mg/kg dw	0.010U	---
Cadmium, mg/kg dw	3.6	---
Calcium, mg/kg dw	470	---
Chromium, mg/kg dw	2.9	---
Cobalt, mg/kg dw	0.072U	---
Copper, mg/kg dw	3.1	---
Iron, mg/kg dw	490	---
Lead, mg/kg dw	200	---
Magnesium, mg/kg dw	23B	---
Manganese, mg/kg dw	10	---
Nickel, mg/kg dw	0.38B	---
Potassium, mg/kg dw	13B	---
Selenium, mg/kg dw	0.44U	---
Silver, mg/kg dw	0.10U	---
Sodium, mg/kg dw	34B	---
Thallium, mg/kg dw	0.68U	---
Vanadium, mg/kg dw	1.0	---

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • www.stl-inc.com

LOG NO: S3-81781A
Received: 15 MAR 03
Reported: 28 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS04
Sampled By: Client
Code: 102930519

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE/ TIME SAMPLED	SDG#
81781A-13	011SLF1206	03-14-03/09:00	PENS04
81781A-13-DL	011SLF1206	03-14-03/09:00	PENS04

PARAMETER	81781A-13	81781A-13-DL
Zinc, mg/kg dw	7.6	---
Dilution Factor	1	---
Prep Date	03.24.03	---
Analysis Date	03.27.03	---
Batch ID	0324A	---
Initial Volume	1.12	---
Final Volume	100	---
Mercury (7471)		---
Mercury, mg/kg dw	0.016B	---
Dilution Factor	1	---
Prep Date	03.20.03	---
Analysis Date	03.26.03	---
Batch ID	0320S	---
Initial Volume	1.11	---
Final Volume	50	---

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • www.stl-inc.com

LOG NO: S3-81781A
Received: 15 MAR 03
Reported: 28 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS04
Sampled By: Client
Code: 102930519

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE/ TIME SAMPLED	SDG#
81781A-13	011SLF1206	03-14-03/09:00	PENS04
81781A-13-DL	011SLF1206	03-14-03/09:00	PENS04

PARAMETER	81781A-13	81781A-13-DL
TCL Semivolatiles (8270)		---
Phenol, ug/kg dw	47U	---
bis(2-Chloroethyl)ether, ug/kg dw	42U	---
2-Chlorophenol, ug/kg dw	47U	---
1,3-Dichlorobenzene, ug/kg dw	26U	---
1,4-Dichlorobenzene, ug/kg dw	28U	---
1,2-Dichlorobenzene, ug/kg dw	26U	---
2-Methylphenol (o-Cresol), ug/kg dw	53U	---
2,2'-Oxybis(1-Chloropropane) (bis-2-chloroisopropyl ether), ug/kg dw	37U	---
3-Methylphenol/4-Methylphen ol (m&p-Cresol), ug/kg dw	46U	---
N-Nitroso-di-n-propylamine, ug/kg dw	34U	---
Hexachloroethane, ug/kg dw	22U	---
Nitrobenzene, ug/kg dw	36U	---
Isophorone, ug/kg dw	30U	---
2-Nitrophenol, ug/kg dw	30U	---
2,4-Dimethylphenol, ug/kg dw	32U	---
bis(2-Chloroethoxy)methane, ug/kg dw	37U	---

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81781A
Received: 15 MAR 03
Reported: 28 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS04
Sampled By: Client
Code: 102930519

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE/ TIME SAMPLED	SDG#
81781A-13	011SLF1206	03-14-03/09:00	PENS04
81781A-13-DL	011SLF1206	03-14-03/09:00	PENS04

PARAMETER	81781A-13	81781A-13-DL
2,4-Dichlorophenol, ug/kg dw	33U	---
1,2,4-Trichlorobenzene, ug/kg dw	44U	---
4-Chloroaniline, ug/kg dw	33U	---
Hexachlorobutadiene, ug/kg dw	31U	---
4-Chloro-3-methylphenol, ug/kg dw	46U	---
Hexachlorocyclopentadiene, ug/kg dw	310U	---
2,4,6-Trichlorophenol, ug/kg dw	37U	---
2,4,5-Trichlorophenol, ug/kg dw	36U	---
2-Chloronaphthalene, ug/kg dw	42U	---
2-Nitroaniline, ug/kg dw	29U	---
Dimethylphthalate, ug/kg dw	40U	---
3-Nitroaniline, ug/kg dw	34U	---
2,4-Dinitrophenol, ug/kg dw	390U	---
4-Nitrophenol, ug/kg dw	29U	---
Dibenzofuran, ug/kg dw	39U	---
2,4-Dinitrotoluene, ug/kg dw	25U	---
2,6-Dinitrotoluene, ug/kg dw	33U	---
Diethylphthalate, ug/kg dw	40U	---
4-Chlorophenylphenyl ether, ug/kg dw	30U	---
4-Nitroaniline, ug/kg dw	30U	---

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81781A
Received: 15 MAR 03
Reported: 28 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS04
Sampled By: Client
Code: 102930519

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE/ TIME SAMPLED	SDG#
81781A-13	011SLF1206	03-14-03/09:00	PENS04
81781A-13-DL	011SLF1206	03-14-03/09:00	PENS04

PARAMETER	81781A-13	81781A-13-DL
4,6-Dinitro-2-methylphenol, ug/kg dw	36U	---
N-Nitrosodiphenylamine, ug/kg dw	34U	---
4-Bromophenylphenyl ether, ug/kg dw	34U	---
Hexachlorobenzene, ug/kg dw	44U	---
Pentachlorophenol, ug/kg dw	39U	---
Di-n-butylphthalate, ug/kg dw	45U	---
Butylbenzylphthalate, ug/kg dw	37U	---
3,3'-Dichlorobenzidine, ug/kg dw	30U	---
bis(2-Ethylhexyl)phthalate, ug/kg dw	88	---
Di-n-octylphthalate, ug/kg dw	37U	---
Carbazole, ug/kg dw	34U	---
Surrogate - Phenol-d5	39 %	---
Surrogate - 2-Fluorophenol	39 %	---
Surrogate - 2,4,6-Tribromophenol	47 %	---
Surrogate - Nitrobenzene-d5	47 %	---
Surrogate - 2-Fluorobiphenyl	49 %	---
Surrogate - Terphenyl-d14	52 %	---
Dilution Factor	1	---
Prep Date	03.19.03	---
Analysis Date	03.24.03	---
Batch ID	0319A	---
Initial Volume	30.0	---
Final Volume	1.00	---

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • www.stl-inc.com

LOG NO: S3-81781A
Received: 15 MAR 03
Reported: 28 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS04
Sampled By: Client
Code: 102930519

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE/ TIME SAMPLED	SDG#
81781A-13	011SLF1206	03-14-03/09:00	PENS04
81781A-13-DL	011SLF1206	03-14-03/09:00	PENS04

PARAMETER	81781A-13	81781A-13-DL
Low Level PAH (8270LL)		
Naphthalene, ug/kg dw	1400E	1300D
Acenaphthylene, ug/kg dw	1.0U	10U
Acenaphthene, ug/kg dw	1.1U	11U
Fluorene, ug/kg dw	0.94U	9.4U
Phenanthrene, ug/kg dw	110	110D
Anthracene, ug/kg dw	15	17D
Fluoranthene, ug/kg dw	30	34D
Pyrene, ug/kg dw	87	66D
Chrysene, ug/kg dw	1.2U	12U
Benzo(a)anthracene, ug/kg dw	0.92U	9.2U
Benzo(b)fluoranthene, ug/kg dw	1.2U	12U
Benzo(k)fluoranthene, ug/kg dw	1.2U	12U
Benzo(a)pyrene, ug/kg dw	1.1U	11U
Indeno(1,2,3-cd)pyrene, ug/kg dw	0.78U	7.8U
Dibenzo(a,h)anthracene, ug/kg dw	1.1U	11U
Benzo(g,h,i)perylene, ug/kg dw	29	55D
2-Methylnaphthalene, ug/kg dw	2700E	2600D
1-Methylnaphthalene, ug/kg dw	1900E	1700D
Surrogate - o-Terphenyl	91 %	0 %D
Dilution Factor	1	10
Prep Date	03.19.03	03.19.03
Analysis Date	03.22.03	03.24.03
Batch ID	0319B	0319B
Initial Volume	30.0	30.0
Final Volume	1.00	1.00

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81781A
Received: 15 MAR 03
Reported: 28 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS04
Sampled By: Client
Code: 102930519

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE/ TIME SAMPLED	SDG#
81781A-13	011SLF1206	03-14-03/09:00	PENS04
81781A-13-DL	011SLF1206	03-14-03/09:00	PENS04

PARAMETER	81781A-13	81781A-13-DL
TAL Metals - SPLP (SPLP6010)		---
Aluminum (SPLP), ug/l	150B	---
Antimony (SPLP), ug/l	3.8U	---
Arsenic (SPLP), ug/l	3.9U	---
Barium (SPLP), ug/l	60	---
Beryllium (SPLP), ug/l	0.10U	---
Cadmium (SPLP), ug/l	88	---
Calcium (SPLP), ug/l	3000	---
Chromium (SPLP), ug/l	1.9B	---
Cobalt (SPLP), ug/l	0.80B	---
Copper (SPLP), ug/l	3.6B	---
Iron (SPLP), ug/l	120B	---
Lead (SPLP), ug/l	3200	---
Magnesium (SPLP), ug/l	140B	---
Manganese (SPLP), ug/l	36B	---
Nickel (SPLP), ug/l	2.7B	---
Potassium (SPLP), ug/l	88B	---
Selenium (SPLP), ug/l	4.3U	---
Silver (SPLP), ug/l	1.0U	---
Sodium (SPLP), ug/l	730X	---
Thallium (SPLP), ug/l	6.6U	---
Vanadium (SPLP), ug/l	2.0B	---

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • www.stl-inc.com

LOG NO: S3-81781A
Received: 15 MAR 03
Reported: 28 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS04
Sampled By: Client
Code: 102930519

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE/ TIME SAMPLED	SDG#
81781A-13	011SLF1206	03-14-03/09:00	PENS04
81781A-13-DL	011SLF1206	03-14-03/09:00	PENS04

PARAMETER	81781A-13	81781A-13-DL
Zinc (SPLP), ug/l	75	---
Dilution Factor	1	---
Prep Date	03.20.03	---
Analysis Date	03.21.03	---
Batch ID	0320P	---
Initial Volume	50	---
Final Volume	50	---
Mercury (SPLP) (SPLP7470)		---
Mercury (SPLP), ug/l	0.10U	---
Dilution Factor	1	---
Prep Date	03.25.03	---
Analysis Date	03.27.03	---
Batch ID	0325U	---
Initial Volume	50	---
Final Volume	50	---

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • www.stl-inc.com

LOG NO: S3-81781A
Received: 15 MAR 03
Reported: 28 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS04
Sampled By: Client
Code: 102930519

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE/ TIME SAMPLED	SDG#
81781A-13	011SLF1206	03-14-03/09:00	PENS04
81781A-13-DL	011SLF1206	03-14-03/09:00	PENS04

PARAMETER	81781A-13	81781A-13-DL
TCL Semivolatiles - SPLP (SPLP8270)		---
Phenol, ug/l	1.0U	---
bis(2-Chloroethyl)ether, ug/l	1.0U	---
2-Chlorophenol, ug/l	0.79U	---
1,3-Dichlorobenzene, ug/l	1.0U	---
1,4-Dichlorobenzene, ug/l	1.0U	---
1,2-Dichlorobenzene, ug/l	1.0U	---
2-Methylphenol (o-Cresol), ug/l	0.59U	---
2,2'-Oxybis(1-Chloropropane) (bis-2-chloroisopropyl ether), ug/l	0.58U	---
3-Methylphenol/4-Methylphen ol (m&p-Cresol), ug/l	1.0U	---
N-Nitroso-di-n-propylamine, ug/l	1.0U	---
Hexachloroethane, ug/l	0.70U	---
Nitrobenzene, ug/l	1.0U	---
Isophorone, ug/l	1.0U	---
2-Nitrophenol, ug/l	1.1U	---
2,4-Dimethylphenol, ug/l	1.1U	---
bis(2-Chloroethoxy)methane, ug/l	1.0U	---
2,4-Dichlorophenol, ug/l	0.76U	---
1,2,4-Trichlorobenzene, ug/l	0.51U	---

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81781A
Received: 15 MAR 03
Reported: 28 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS04
Sampled By: Client
Code: 102930519

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE/ TIME SAMPLED	SDG#
81781A-13	011SLF1206	03-14-03/09:00	PENS04
81781A-13-DL	011SLF1206	03-14-03/09:00	PENS04

PARAMETER	81781A-13	81781A-13-DL
4-Chloroaniline, ug/l	1.0U	---
Hexachlorobutadiene, ug/l	0.50U	---
4-Chloro-3-methylphenol, ug/l	1.0U	---
Hexachlorocyclopentadiene, ug/l	1.1U	---
2,4,6-Trichlorophenol, ug/l	1.1U	---
2,4,5-Trichlorophenol, ug/l	1.1U	---
2-Chloronaphthalene, ug/l	1.0U	---
2-Nitroaniline, ug/l	0.72U	---
Dimethylphthalate, ug/l	0.57U	---
3-Nitroaniline, ug/l	0.64U	---
2,4-Dinitrophenol, ug/l	10U	---
4-Nitrophenol, ug/l	5.0U	---
Dibenzofuran, ug/l	1.0U	---
2,4-Dinitrotoluene, ug/l	1.1U	---
2,6-Dinitrotoluene, ug/l	0.87U	---
Diethylphthalate, ug/l	1.0U	---
4-Chlorophenylphenyl ether, ug/l	0.70U	---
4-Nitroaniline, ug/l	0.86U	---
4,6-Dinitro-2-methylphenol, ug/l	10U	---
N-Nitrosodiphenylamine, ug/l	1.0U	---
4-Bromophenylphenyl ether, ug/l	1.0U	---
Hexachlorobenzene, ug/l	0.61U	---

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81781A
Received: 15 MAR 03
Reported: 28 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS04
Sampled By: Client
Code: 102930519

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE/ TIME SAMPLED	SDG#
81781A-13	011SLF1206	03-14-03/09:00	PENS04
81781A-13-DL	011SLF1206	03-14-03/09:00	PENS04

PARAMETER	81781A-13	81781A-13-DL
Pentachlorophenol, ug/l	2.0U	---
Di-n-butylphthalate, ug/l	1.0U	---
Butylbenzylphthalate, ug/l	0.74U	---
3,3'-Dichlorobenzidine, ug/l	1.0U	---
bis(2-Ethylhexyl)phthalate, ug/l	2.4U	---
Di-n-octylphthalate, ug/l	1.2U	---
Carbazole, ug/l	0.54U	---
Surrogate - Phenol-d5	80 %	---
Surrogate - 2-Fluorophenol	71 %	---
Surrogate - 2,4,6-Tribromophenol	91 %	---
Surrogate - Nitrobenzene-d5	80 %	---
Surrogate - 2-Fluorobiphenyl	80 %	---
Surrogate - Terphenyl-d14	112 %	---
Dilution Factor	1	---
Prep Date	03.19.03	---
Analysis Date	03.24.03	---
Batch ID	0319C	---
Initial Volume	1000	---
Final Volume	1.00	---

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81781A
Received: 15 MAR 03
Reported: 28 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS04
Sampled By: Client
Code: 102930519

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE/ TIME SAMPLED	SDG#
81781A-13	011SLF1206	03-14-03/09:00	PENS04
81781A-13-DL	011SLF1206	03-14-03/09:00	PENS04

PARAMETER	81781A-13	81781A-13-DL
Low Level PAHs in SPLP Extract (SPLP8270LL)		
Acenaphthene, ug/l	0.23	0.25U
Acenaphthylene, ug/l	0.29	0.32D
Anthracene, ug/l	0.031U	0.31U
Benzo(a)anthracene, ug/l	0.070U	0.70U
Benzo(a)pyrene, ug/l	0.060U	0.60U
Benzo(b)fluoranthene, ug/l	0.074U	0.74U
Benzo(g,h,i)perylene, ug/l	0.096U	0.96U
Benzo(k)fluoranthene, ug/l	0.058U	0.58U
Chrysene, ug/l	0.088U	0.88U
Dibenzo(a,h)anthracene, ug/l	0.065U	0.65U
Fluoranthene, ug/l	0.089	0.61U
Fluorene, ug/l	0.55	0.58D
Indeno(1,2,3-cd)pyrene, ug/l	0.080U	0.80U
Naphthalene, ug/l	50E	56D
Phenanthrene, ug/l	0.37	0.50D
Pyrene, ug/l	0.071	0.42U
1-Methylnaphthalene, ug/l	22E	21D
2-Methylnaphthalene, ug/l	30E	27D
Surrogate - o-Terphenyl	95 %	110 %
Dilution Factor	1	10
Prep Date	03.20.03	03.20.03
Analysis Date	03.22.03	03.24.03
Batch ID	0320G	0320G
Initial Volume	1000	1000
Final Volume	1.00	1.00

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81781A
Received: 15 MAR 03
Reported: 28 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS04
Sampled By: Client
Code: 102930519

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE/ TIME SAMPLED	SDG#
81781A-13	011SLF1206	03-14-03/09:00	PENS04
81781A-13-DL	011SLF1206	03-14-03/09:00	PENS04

PARAMETER	81781A-13	81781A-13-DL
Percent Solids	87	87

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81781A
Received: 15 MAR 03
Reported: 28 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS04
Sampled By: Client
Code: 102930519

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR SOLID/SEMISOLID	DATE/ TIME SAMPLED	SDG#
81781A-14	Method Detection Limit (MDL)		PENS04
81781A-15	Reporting Limit (RL)		PENS04
81781A-16	Method Blank		PENS04
81781A-17	Lab Control Standard % Recovery		PENS04
81781A-31	Method Blank		PENS04

PARAMETER	81781A-14	81781A-15	81781A-16	81781A-17	81781A-31
Volatiles by GC/MS (8260)					
Chloromethane, ug/kg dw	1.4	5.0	1.4U	---	100U
Bromomethane (Methyl bromide), ug/kg dw	0.57	5.0	0.57U	---	100U
Vinyl chloride, ug/kg dw	1.5	5.0	1.5U	---	100U
Chloroethane, ug/kg dw	0.57	5.0	0.57U	---	100U
Methylene chloride (Dichloromethane), ug/kg dw	0.54	5.0	0.54U	---	51U
Acetone, ug/kg dw	5.0	50	5.0U	---	510U
Carbon disulfide, ug/kg dw	0.40	5.0	0.40U	---	78U
1,1-Dichloroethene, ug/kg dw	0.58	5.0	0.58U	94 %	82U
1,1-Dichloroethane, ug/kg dw	0.80	5.0	0.80U	---	35U
cis-1,2-Dichloroethene, ug/kg dw	0.39	5.0	0.39U	---	58U
trans-1,2-Dichloroethene, ug/kg dw	0.80	5.0	0.80U	---	52U
Chloroform, ug/kg dw	0.44	5.0	0.44U	---	39U
1,2-Dichloroethane, ug/kg dw	0.66	5.0	0.66U	---	100U
2-Butanone (MEK), ug/kg dw	0.28	25	0.28U	---	170J
1,1,1-Trichloroethane, ug/kg dw	0.54	5.0	0.54U	---	110U
Carbon tetrachloride, ug/kg dw	0.35	5.0	0.35U	---	120U

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81781A
Received: 15 MAR 03
Reported: 28 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS04
Sampled By: Client
Code: 102930519

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR SOLID/SEMISOLID	DATE/ TIME SAMPLED	SDG#
81781A-14	Method Detection Limit (MDL)		PENS04
81781A-15	Reporting Limit (RL)		PENS04
81781A-16	Method Blank		PENS04
81781A-17	Lab Control Standard % Recovery		PENS04
81781A-31	Method Blank		PENS04

PARAMETER	81781A-14	81781A-15	81781A-16	81781A-17	81781A-31
Bromodichloromethane, ug/kg dw	0.31	5.0	0.31U	---	86U
1,1,2,2-Tetrachloroethane, ug/kg dw	0.57	5.0	0.57U	---	79U
1,2-Dichloropropane, ug/kg dw	0.65	5.0	0.65U	---	96U
trans-1,3-Dichloropropene, ug/kg dw	1.0	5.0	1.0U	---	59U
Trichloroethene, ug/kg dw	0.77	5.0	0.77U	100 %	100U
Dibromochloromethane, ug/kg dw	0.39	5.0	0.39U	---	66U
1,1,2-Trichloroethane, ug/kg dw	0.97	5.0	0.97U	---	41U
Benzene, ug/kg dw	0.38	5.0	0.38U	98 %	46U
cis-1,3-Dichloropropene, ug/kg dw	0.70	5.0	0.70U	---	100U
Bromoform, ug/kg dw	0.68	5.0	0.68U	---	45U
2-Hexanone, ug/kg dw	0.43	25	0.43U	---	500U
4-Methyl-2-pentanone (MIBK), ug/kg dw	0.38	25	0.38U	---	140U
Tetrachloroethene, ug/kg dw	0.98	5.0	0.98U	---	89U
Toluene, ug/kg dw	0.65	5.0	0.65U	94 %	63U
Chlorobenzene, ug/kg dw	0.74	5.0	0.74U	104 %	62U
Ethylbenzene, ug/kg dw	0.30	5.0	0.30U	---	50U
Styrene, ug/kg dw	0.53	5.0	0.53U	---	130U

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • www.stl-inc.com

LOG NO: S3-81781A
Received: 15 MAR 03
Reported: 28 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS04
Sampled By: Client
Code: 102930519

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR SOLID/SEMISOLID	DATE/ TIME SAMPLED	SDG#
81781A-14	Method Detection Limit (MDL)		PENS04
81781A-15	Reporting Limit (RL)		PENS04
81781A-16	Method Blank		PENS04
81781A-17	Lab Control Standard % Recovery		PENS04
81781A-31	Method Blank		PENS04

PARAMETER	81781A-14	81781A-15	81781A-16	81781A-17	81781A-31
Xylenes, Total, ug/kg dw	0.97	10	0.97U	---	140U
Surrogate - Toluene-d8	NA	NA	94 %	104 %	108 %
Surrogate - 4-Bromofluorobenzene	NA	NA	98 %	102 %	100 %
Surrogate - Dibromofluoromethane	---	---	98 %	98 %	117 %
Dilution Factor	---	---	1	1	40
Prep Date	---	---	03.20.03	03.20.03	03.26.03
Analysis Date	---	---	03.20.03	03.20.03	03.26.03
Batch ID	---	---	1M0320	1M0320	2O0326
Initial Volume	---	---	5.00	---	10.0
Final Volume	---	---	5.00	---	10.0

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81781A
Received: 15 MAR 03
Reported: 28 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS04
Sampled By: Client
Code: 102930519

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR SOLID/SEMISOLID	DATE/ TIME SAMPLED	SDG#
81781A-14	Method Detection Limit (MDL)		PENS04
81781A-15	Reporting Limit (RL)		PENS04
81781A-16	Method Blank		PENS04
81781A-17	Lab Control Standard % Recovery		PENS04
81781A-31	Method Blank		PENS04

PARAMETER	81781A-14	81781A-15	81781A-16	81781A-17	81781A-31
TCL Semivolatiles (8270)					---
Phenol, ug/kg dw	41	330	41U	54 %	---
bis(2-Chloroethyl)ether, ug/kg dw	37	330	37U	---	---
2-Chlorophenol, ug/kg dw	41	330	41U	54 %	---
1,3-Dichlorobenzene, ug/kg dw	23	330	23U	---	---
1,4-Dichlorobenzene, ug/kg dw	24	330	24U	52 %	---
1,2-Dichlorobenzene, ug/kg dw	23	330	23U	---	---
2-Methylphenol (o-Cresol), ug/kg dw	46	330	46U	---	---
2,2'-Oxybis(1-Chloropropane) (bis-2-chloroisopropyl ether), ug/kg dw	32	330	32U	---	---
3-Methylphenol/4-Methylphen ol (m&p-Cresol), ug/kg dw	40	330	40U	---	---
N-Nitroso-di-n-propylamine, ug/kg dw	30	330	30U	54 %	---
Hexachloroethane, ug/kg dw	19	330	19U	---	---
Nitrobenzene, ug/kg dw	31	330	31U	---	---
Isophorone, ug/kg dw	26	330	26U	---	---
2-Nitrophenol, ug/kg dw	26	330	26U	---	---
2,4-Dimethylphenol, ug/kg dw	28	330	28U	---	---

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81781A
Received: 15 MAR 03
Reported: 28 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS04
Sampled By: Client
Code: 102930519

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR SOLID/SEMISOLID	DATE/ TIME SAMPLED	SDG#
81781A-14	Method Detection Limit (MDL)		PENS04
81781A-15	Reporting Limit (RL)		PENS04
81781A-16	Method Blank		PENS04
81781A-17	Lab Control Standard % Recovery		PENS04
81781A-31	Method Blank		PENS04

PARAMETER	81781A-14	81781A-15	81781A-16	81781A-17	81781A-31
bis(2-Chloroethoxy)methane, ug/kg dw	32	330	32U	---	---
2,4-Dichlorophenol, ug/kg dw	29	330	29U	---	---
1,2,4-Trichlorobenzene, ug/kg dw	38	330	38U	54 %	---
4-Chloroaniline, ug/kg dw	29	660	29U	---	---
Hexachlorobutadiene, ug/kg dw	27	330	27U	---	---
4-Chloro-3-methylphenol, ug/kg dw	40	330	40U	64 %	---
Hexachlorocyclopentadiene, ug/kg dw	270	330	270U	---	---
2,4,6-Trichlorophenol, ug/kg dw	32	330	32U	---	---
2,4,5-Trichlorophenol, ug/kg dw	31	330	31U	---	---
2-Chloronaphthalene, ug/kg dw	37	330	37U	---	---
2-Nitroaniline, ug/kg dw	25	1700	25U	---	---
Dimethylphthalate, ug/kg dw	35	330	35U	---	---
3-Nitroaniline, ug/kg dw	30	1700	30U	---	---
2,4-Dinitrophenol, ug/kg dw	340	1700	340U	---	---
4-Nitrophenol, ug/kg dw	25	1700	25U	67 %	---
Dibenzofuran, ug/kg dw	34	330	34U	---	---
2,4-Dinitrotoluene, ug/kg dw	22	330	22U	64 %	---
2,6-Dinitrotoluene, ug/kg dw	29	330	29U	---	---
Diethylphthalate, ug/kg dw	35	330	35U	---	---

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • www.stl-inc.com

LOG NO: S3-81781A
Received: 15 MAR 03
Reported: 28 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS04
Sampled By: Client
Code: 102930519

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR SOLID/SEMISOLID	DATE/ TIME SAMPLED	SDG#
81781A-14	Method Detection Limit (MDL)		PENS04
81781A-15	Reporting Limit (RL)		PENS04
81781A-16	Method Blank		PENS04
81781A-17	Lab Control Standard % Recovery		PENS04
81781A-31	Method Blank		PENS04

PARAMETER	81781A-14	81781A-15	81781A-16	81781A-17	81781A-31
4-Chlorophenylphenyl ether, ug/kg dw	26	330	26U	---	---
4-Nitroaniline, ug/kg dw	26	1700	26U	---	---
4,6-Dinitro-2-methylphenol, ug/kg dw	31	1700	31U	---	---
N-Nitrosodiphenylamine, ug/kg dw	30	330	30U	---	---
4-Bromophenylphenyl ether, ug/kg dw	30	330	30U	---	---
Hexachlorobenzene, ug/kg dw	38	330	38U	---	---
Pentachlorophenol, ug/kg dw	34	1700	34U	67 %	---
Di-n-butylphthalate, ug/kg dw	39	330	39U	---	---
Butylbenzylphthalate, ug/kg dw	32	330	32U	---	---
3,3'-Dichlorobenzidine, ug/kg dw	26	660	26U	---	---
bis(2-Ethylhexyl)phthalate, ug/kg dw	44	330	44U	---	---
Di-n-octylphthalate, ug/kg dw	32	330	32U	---	---
Carbazole, ug/kg dw	30	330	30U	---	---
Surrogate - Phenol-d5	NA	NA	79 %	64 %	---
Surrogate - 2-Fluorophenol	NA	NA	76 %	58 %	---
Surrogate - 2,4,6-Tribromophenol	NA	NA	91 %	79 %	---
Surrogate - Nitrobenzene-d5	NA	NA	70 %	59 %	---
Surrogate - 2-Fluorobiphenyl	NA	NA	82 %	70 %	---
Surrogate - Terphenyl-d14	NA	NA	100 %	82 %	---

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • www.stl-inc.com

LOG NO: S3-81781A
Received: 15 MAR 03
Reported: 28 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS04
Sampled By: Client
Code: 102930519

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR SOLID/SEMISOLID	DATE/ TIME SAMPLED	SDG#
81781A-14	Method Detection Limit (MDL)		PENS04
81781A-15	Reporting Limit (RL)		PENS04
81781A-16	Method Blank		PENS04
81781A-17	Lab Control Standard % Recovery		PENS04
81781A-31	Method Blank		PENS04

PARAMETER	81781A-14	81781A-15	81781A-16	81781A-17	81781A-31
Dilution Factor	---	---	1	1	---
Prep Date	---	---	03.19.03	03.19.03	---
Analysis Date	---	---	03.23.03	03.23.03	---
Batch ID	---	---	0319A	0319A	---
Initial Volume	---	---	30.0	---	---
Final Volume	---	---	1.00	---	---

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81781A
Received: 15 MAR 03
Reported: 28 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS04
Sampled By: Client
Code: 102930519

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR SOLID/SEMISOLID	DATE/ TIME SAMPLED	SDG#
81781A-14	Method Detection Limit (MDL)		PENS04
81781A-15	Reporting Limit (RL)		PENS04
81781A-16	Method Blank		PENS04
81781A-17	Lab Control Standard % Recovery		PENS04
81781A-31	Method Blank		PENS04

PARAMETER	81781A-14	81781A-15	81781A-16	81781A-17	81781A-31
Low Level PAH (8270LL)					---
Naphthalene, ug/kg dw	0.71	6.7	0.71U	70 %	---
Acenaphthylene, ug/kg dw	0.86	6.7	0.86U	---	---
Acenaphthene, ug/kg dw	0.90	6.7	0.90U	73 %	---
Fluorene, ug/kg dw	0.78	6.7	0.78U	76 %	---
Phenanthrene, ug/kg dw	0.80	6.7	0.80U	---	---
Anthracene, ug/kg dw	0.96	6.7	0.96U	---	---
Fluoranthene, ug/kg dw	0.86	6.7	0.86U	---	---
Pyrene, ug/kg dw	1.2	6.7	1.2U	86 %	---
Chrysene, ug/kg dw	1.0	6.7	1.0U	---	---
Benzo(a)anthracene, ug/kg dw	0.76	6.7	0.76U	---	---
Benzo(b)fluoranthene, ug/kg dw	0.96	6.7	0.96U	---	---
Benzo(k)fluoranthene, ug/kg dw	0.98	6.7	0.98U	---	---
Benzo(a)pyrene, ug/kg dw	0.90	6.7	0.90U	90 %	---
Indeno(1,2,3-cd)pyrene, ug/kg dw	0.65	6.7	0.65U	---	---
Dibenzo(a,h)anthracene, ug/kg dw	0.88	6.7	0.88U	---	---
Benzo(g,h,i)perylene, ug/kg dw	0.61	6.7	0.61U	---	---
2-Methylnaphthalene, ug/kg dw	0.53	6.7	0.53U	---	---
1-Methylnaphthalene, ug/kg dw	0.35	6.7	0.35U	---	---
Surrogate - o-Terphenyl	NA	NA	90 %	78 %	---
Dilution Factor	---	---	1	1	---
Prep Date	---	---	03.19.03	03.19.03	---
Analysis Date	---	---	03.22.03	03.22.03	---
Batch ID	---	---	0319B	0319B	---

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • www.stl-inc.com

LOG NO: S3-81781A
Received: 15 MAR 03
Reported: 28 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS04
Sampled By: Client
Code: 102930519

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR SOLID/SEMISOLID	DATE/ TIME SAMPLED	SDG#
81781A-32	Lab Control Standard % Recovery		PENS04

PARAMETER	81781A-32
Volatiles by GC/MS (8260)	
1,1-Dichloroethene	100 %
Trichloroethene	100 %
Benzene	92 %
Toluene	100 %
Chlorobenzene	92 %
Surrogate - Toluene-d8	125 %
Surrogate - 4-Bromofluorobenzene	117 %
Surrogate - Dibromofluoromethane	117 %
Dilution Factor	40
Prep Date	03.26.03
Analysis Date	03.26.03
Batch ID	200326

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81781A
Received: 15 MAR 03
Reported: 28 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS04
Sampled By: Client
Code: 102930519

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR SOLID/SEMISOLID	DATE/ TIME SAMPLED	SDG#
81781A-18	Instrument Detection Limit (IDL)		PENS04
81781A-19	Reporting Limit (RL)		PENS04
81781A-20	Method Blank		PENS04
81781A-21	Lab Control Standard % Recovery		PENS04

PARAMETER	81781A-18	81781A-19	81781A-20	81781A-21
TAL Metals (6010)				
Aluminum, mg/kg dw	1.1	20.0	2.5B	103 %
Antimony, mg/kg dw	0.38	2.0	0.38U	101 %
Arsenic, mg/kg dw	0.39	1.0	0.39U	99 %
Barium, mg/kg dw	0.050	1.0	0.37B	107 %
Beryllium, mg/kg dw	0.010	0.40	0.010B	103 %
Cadmium, mg/kg dw	0.040	0.50	0.050B	99 %
Calcium, mg/kg dw	0.64	50	1.4B	106 %
Chromium, mg/kg dw	0.090	1.0	0.21B	107 %
Cobalt, mg/kg dw	0.070	1.0	0.070U	103 %
Copper, mg/kg dw	0.080	2.0	0.098B	106 %
Iron, mg/kg dw	1.6	5.0	1.6U	98 %
Lead, mg/kg dw	0.19	0.50	0.23B	102 %
Magnesium, mg/kg dw	0.74	50	0.84B	103 %
Manganese, mg/kg dw	0.050	1.0	0.050U	107 %
Nickel, mg/kg dw	0.12	4.0	0.12U	101 %
Potassium, mg/kg dw	1.7	100	1.7U	99 %
Selenium, mg/kg dw	0.43	1.0	0.58B	97 %
Silver, mg/kg dw	0.10	1.0	0.10U	107 %
Sodium, mg/kg dw	17	50	31B	96 %

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • www.stl-inc.com

LOG NO: S3-81781A
Received: 15 MAR 03
Reported: 28 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS04
Sampled By: Client
Code: 102930519

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR SOLID/SEMISOLID	DATE/ TIME SAMPLED	SDG#
81781A-18	Instrument Detection Limit (IDL)		PENS04
81781A-19	Reporting Limit (RL)		PENS04
81781A-20	Method Blank		PENS04
81781A-21	Lab Control Standard % Recovery		PENS04

PARAMETER	81781A-18	81781A-19	81781A-20	81781A-21
Thallium, mg/kg dw	0.66	1.0	0.66U	101 %
Vanadium, mg/kg dw	0.10	1.0	0.10U	103 %
Zinc, mg/kg dw	0.18	2.0	0.48B	105 %
Dilution Factor	---	---	1	1
Prep Date	---	---	03.24.03	03.24.03
Analysis Date	---	---	03.27.03	03.27.03
Batch ID	---	---	0324A	0324A
Initial Volume	---	---	1.00	---
Final Volume	---	---	100	---
Mercury (7471)				
Mercury, mg/kg dw	0.0050	0.020	0.0050U	96 %
Dilution Factor	---	---	1	1
Prep Date	---	---	03.20.03	03.20.03
Analysis Date	---	---	03.26.03	03.26.03
Batch ID	---	---	0320S	0320S
Initial Volume	---	---	NA	---
Final Volume	---	---	50	---

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81781A
Received: 15 MAR 03
Reported: 28 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS04
Sampled By: Client
Code: 102930519

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81781A-22	Method Detection Limit (MDL)		PENS04
81781A-23	Reporting Limit (RL)		PENS04
81781A-24	Method Blank		PENS04
81781A-25	SPLP Extraction Fluid Blank		PENS04
81781A-26	Lab Control Standard % Recovery		PENS04

PARAMETER	81781A-22	81781A-23	81781A-24	81781A-25	81781A-26
Volatiles by GC/MS - SPLP (SPLP8260)					
Chloromethane, ug/l	0.40	1.0	0.40U	0.66J	---
Bromomethane (Methyl bromide), ug/l	0.49	1.0	0.49U	0.49U	---
Vinyl chloride, ug/l	0.13	1.0	0.13U	0.13U	---
Chloroethane, ug/l	0.86	1.0	0.86U	0.86U	---
Methylene chloride (Dichloromethane), ug/l	0.61	5.0	0.61U	0.64J	---
Acetone, ug/l	2.3	25	2.3U	6.4J	---
Carbon disulfide, ug/l	0.72	1.0	0.72U	0.72U	---
1,1-Dichloroethene, ug/l	0.31	1.0	0.31U	0.31U	72 %
1,1-Dichloroethane, ug/l	0.12	1.0	0.12U	0.12U	---
cis-1,2-Dichloroethene, ug/l	0.16	1.0	0.16U	0.16U	---
trans-1,2-Dichloroethene, ug/l	0.36	1.0	0.36U	0.36U	---
Chloroform, ug/l	0.12	1.0	0.12U	0.12U	---
1,2-Dichloroethane, ug/l	0.18	1.0	0.18U	0.18U	---
2-Butanone (MEK), ug/l	0.48	10	0.48U	0.48U	---
1,1,1-Trichloroethane, ug/l	0.065	1.0	0.065U	0.065U	---
Carbon tetrachloride, ug/l	0.15	1.0	0.15U	0.15U	---

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81781A
Received: 15 MAR 03
Reported: 28 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS04
Sampled By: Client
Code: 102930519

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81781A-22	Method Detection Limit (MDL)		PENS04
81781A-23	Reporting Limit (RL)		PENS04
81781A-24	Method Blank		PENS04
81781A-25	SPLP Extraction Fluid Blank		PENS04
81781A-26	Lab Control Standard % Recovery		PENS04

PARAMETER	81781A-22	81781A-23	81781A-24	81781A-25	81781A-26
Bromodichloromethane, ug/l	0.18	1.0	0.18U	0.18U	---
1,2-Dichloropropane, ug/l	0.17	1.0	0.17U	0.17U	---
cis-1,3-Dichloropropene, ug/l	0.12	1.0	0.12U	0.12U	---
Trichloroethene, ug/l	0.13	1.0	0.13U	0.13U	82 %
Dibromochloromethane, ug/l	0.078	1.0	0.078U	0.078U	---
1,1,2-Trichloroethane, ug/l	0.11	1.0	0.11U	0.11U	---
Benzene, ug/l	0.096	1.0	0.096U	0.096U	72 %
trans-1,3-Dichloropropene, ug/l	0.15	1.0	0.15U	0.15U	---
Bromoform, ug/l	0.19	1.0	0.19U	0.19U	---
4-Methyl-2-pentanone (MIBK), ug/l	0.27	10	0.27U	0.27U	---
2-Hexanone, ug/l	0.29	10	0.29U	0.29U	---
Tetrachloroethene, ug/l	0.43	1.0	0.43U	0.43U	---
1,1,2,2-Tetrachloroethane, ug/l	0.17	1.0	0.17U	0.17U	---
Toluene, ug/l	0.065	1.0	0.065U	0.24J	82 %
Chlorobenzene, ug/l	0.10	1.0	0.10U	0.10U	82 %
Ethylbenzene, ug/l	0.11	1.0	0.11U	0.11U	---
Styrene, ug/l	0.050	1.0	0.050U	0.050U	---
Xylenes, Total, ug/l	0.28	2.0	0.28U	0.28U	---
Surrogate - Toluene-d8	NA	NA	96 %	96 %	98 %

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81781A
Received: 15 MAR 03
Reported: 28 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS04
Sampled By: Client
Code: 102930519

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81781A-22	Method Detection Limit (MDL)		PENS04
81781A-23	Reporting Limit (RL)		PENS04
81781A-24	Method Blank		PENS04
81781A-25	SPLP Extraction Fluid Blank		PENS04
81781A-26	Lab Control Standard % Recovery		PENS04

PARAMETER	81781A-22	81781A-23	81781A-24	81781A-25	81781A-26
Surrogate - 4-Bromofluorobenzene	NA	NA	90 %	92 %	92 %
Surrogate - 1,2-Dichloroethane-d4	NA	NA	100 %	100 %	---
Dilution Factor	---	---	1	1	1
Prep Date	---	---	03.25.03	03.25.03	03.25.03
Analysis Date	---	---	03.25.03	03.25.03	03.25.03
Batch ID	---	---	100325	100325	100325
Initial Volume	---	---	5.00	5.00	---
Final Volume	---	---	5.00	5.00	---

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81781A
Received: 15 MAR 03
Reported: 28 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS04
Sampled By: Client
Code: 102930519

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81781A-22	Method Detection Limit (MDL)		PENS04
81781A-23	Reporting Limit (RL)		PENS04
81781A-24	Method Blank		PENS04
81781A-25	SPLP Extraction Fluid Blank		PENS04
81781A-26	Lab Control Standard % Recovery		PENS04

PARAMETER	81781A-22	81781A-23	81781A-24	81781A-25	81781A-26
TCL Semivolatiles - SPLP (SPLP8270)					
Phenol, ug/l	1.0	10	1.0U	1.0U	73 %
bis(2-Chloroethyl)ether, ug/l	1.0	10	1.0U	1.0U	---
2-Chlorophenol, ug/l	0.79	10	0.79U	0.79U	82 %
1,3-Dichlorobenzene, ug/l	1.0	10	1.0U	1.0U	---
1,4-Dichlorobenzene, ug/l	1.0	10	1.0U	1.0U	63 %
1,2-Dichlorobenzene, ug/l	1.0	10	1.0U	1.0U	---
2-Methylphenol (o-Cresol), ug/l	0.59	10	0.59U	0.59U	---
2,2'-Oxybis(1-Chloropropane) (bis-2-chloroisopropyl ether), ug/l	0.58	10	0.58U	0.58U	---
3-Methylphenol/4-Methylphen ol (m&p-Cresol), ug/l	1.0	10	1.0U	1.0U	---
N-Nitroso-di-n-propylamine, ug/l	1.0	10	1.0U	1.0U	74 %
Hexachloroethane, ug/l	0.70	10	0.70U	0.70U	---
Nitrobenzene, ug/l	1.0	10	1.0U	1.0U	---
Isophorone, ug/l	1.0	10	1.0U	1.0U	---
2-Nitrophenol, ug/l	1.1	10	1.1U	1.1U	---
2,4-Dimethylphenol, ug/l	1.1	10	1.1U	1.1U	---

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81781A
Received: 15 MAR 03
Reported: 28 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS04
Sampled By: Client
Code: 102930519

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81781A-22	Method Detection Limit (MDL)		PENS04
81781A-23	Reporting Limit (RL)		PENS04
81781A-24	Method Blank		PENS04
81781A-25	SPLP Extraction Fluid Blank		PENS04
81781A-26	Lab Control Standard % Recovery		PENS04

PARAMETER	81781A-22	81781A-23	81781A-24	81781A-25	81781A-26
bis(2-Chloroethoxy)methane, ug/l	1.0	10	1.0U	1.0U	---
2,4-Dichlorophenol, ug/l	0.76	10	0.76U	0.76U	---
1,2,4-Trichlorobenzene, ug/l	0.51	10	0.51U	0.51U	71 %
4-Chloroaniline, ug/l	1.0	20	1.0U	1.0U	---
Hexachlorobutadiene, ug/l	0.50	10	0.50U	0.50U	---
4-Chloro-3-methylphenol, ug/l	1.0	10	1.0U	1.0U	89 %
Hexachlorocyclopentadiene, ug/l	1.1	10	1.1U	1.1U	---
2,4,6-Trichlorophenol, ug/l	1.1	10	1.1U	1.1U	---
2,4,5-Trichlorophenol, ug/l	1.1	10	1.1U	1.1U	---
2-Chloronaphthalene, ug/l	1.0	10	1.0U	1.0U	---
2-Nitroaniline, ug/l	0.72	50	0.72U	0.72U	---
Dimethylphthalate, ug/l	0.57	10	0.57U	0.57U	---
3-Nitroaniline, ug/l	0.64	50	0.64U	0.64U	---
2,4-Dinitrophenol, ug/l	10	50	10U	10U	---
4-Nitrophenol, ug/l	5.0	50	5.0U	5.0U	93 %
Dibenzofuran, ug/l	1.0	10	1.0U	1.0U	---
2,4-Dinitrotoluene, ug/l	1.1	10	1.1U	1.1U	95 %
2,6-Dinitrotoluene, ug/l	0.87	10	0.87U	0.87U	---
Diethylphthalate, ug/l	1.0	10	1.0U	1.0U	---

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81781A
Received: 15 MAR 03
Reported: 28 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS04
Sampled By: Client
Code: 102930519

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81781A-22	Method Detection Limit (MDL)		PENS04
81781A-23	Reporting Limit (RL)		PENS04
81781A-24	Method Blank		PENS04
81781A-25	SPLP Extraction Fluid Blank		PENS04
81781A-26	Lab Control Standard % Recovery		PENS04

PARAMETER	81781A-22	81781A-23	81781A-24	81781A-25	81781A-26
4-Chlorophenylphenyl ether, ug/l	0.70	10	0.70U	0.70U	---
4-Nitroaniline, ug/l	0.86	50	0.86U	0.86U	---
4,6-Dinitro-2-methylphenol, ug/l	10	50	10U	10U	---
N-Nitrosodiphenylamine, ug/l	1.0	10	1.0U	1.0U	---
4-Bromophenylphenyl ether, ug/l	1.0	10	1.0U	1.0U	---
Hexachlorobenzene, ug/l	0.61	10	0.61U	0.61U	---
Pentachlorophenol, ug/l	2.0	50	2.0U	2.0U	97 %
Di-n-butylphthalate, ug/l	1.0	10	1.0U	1.0U	---
Butylbenzylphthalate, ug/l	0.74	10	0.74U	0.74U	---
3,3'-Dichlorobenzidine, ug/l	1.0	20	1.0U	1.0U	---
bis(2-Ethylhexyl)phthalate, ug/l	2.4	10	2.4U	2.4U	---
Di-n-octylphthalate, ug/l	1.2	10	1.2U	1.2U	---
Carbazole, ug/l	0.54	10	0.54U	0.54U	---
Surrogate - Phenol-d5	NA	NA	83 %	83 %	79 %
Surrogate - 2-Fluorophenol	NA	NA	76 %	78 %	78 %
Surrogate - 2,4,6-Tribromophenol	NA	NA	91 %	96 %	92 %
Surrogate - Nitrobenzene-d5	NA	NA	82 %	88 %	86 %
Surrogate - 2-Fluorobiphenyl	NA	NA	88 %	94 %	94 %
Surrogate - Terphenyl-d14	NA	NA	110 %	116 %	98 %

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81781A
Received: 15 MAR 03
Reported: 28 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS04
Sampled By: Client
Code: 102930519

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81781A-22	Method Detection Limit (MDL)		PENS04
81781A-23	Reporting Limit (RL)		PENS04
81781A-24	Method Blank		PENS04
81781A-25	SPLP Extraction Fluid Blank		PENS04
81781A-26	Lab Control Standard % Recovery		PENS04

PARAMETER	81781A-22	81781A-23	81781A-24	81781A-25	81781A-26
Dilution Factor	---	---	1	1	1
Prep Date	---	---	03.19.03	03.19.03	03.19.03
Analysis Date	---	---	03.22.03	03.22.03	03.25.03
Batch ID	---	---	0319C	0319C	0319C
Initial Volume	---	---	1000	1000	---
Final Volume	---	---	1.00	1.00	---

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • www.stl-inc.com

LOG NO: S3-81781A
Received: 15 MAR 03
Reported: 28 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS04
Sampled By: Client
Code: 102930519

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81781A-22	Method Detection Limit (MDL)		PENS04
81781A-23	Reporting Limit (RL)		PENS04
81781A-24	Method Blank		PENS04
81781A-25	SPLP Extraction Fluid Blank		PENS04
81781A-26	Lab Control Standard % Recovery		PENS04

PARAMETER	81781A-22	81781A-23	81781A-24	81781A-25	81781A-26
Low Level PAHs in SPLP Extract (SPLP8270LL)					
Acenaphthene, ug/l	0.025	0.20	0.025U	0.025U	90 %
Acenaphthylene, ug/l	0.024	0.20	0.024U	0.024U	---
Anthracene, ug/l	0.031	0.20	0.031U	0.031U	---
Benzo(a)anthracene, ug/l	0.070	0.20	0.070U	0.070U	---
Benzo(a)pyrene, ug/l	0.060	0.20	0.060U	0.060U	95 %
Benzo(b)fluoranthene, ug/l	0.074	0.20	0.074U	0.074U	---
Benzo(g,h,i)perylene, ug/l	0.096	0.20	0.096U	0.096U	---
Benzo(k)fluoranthene, ug/l	0.058	0.20	0.058U	0.058U	---
Chrysene, ug/l	0.088	0.20	0.088U	0.088U	---
Dibenzo(a,h)anthracene, ug/l	0.065	0.20	0.065U	0.065U	---
Fluoranthene, ug/l	0.061	0.20	0.061U	0.061U	---
Fluorene, ug/l	0.026	0.20	0.026U	0.026U	95 %
Indeno(1,2,3-cd)pyrene, ug/l	0.080	0.20	0.080U	0.080U	---
Naphthalene, ug/l	0.028	0.20	0.028U	0.028U	85 %
Phenanthrene, ug/l	0.025	0.20	0.025U	0.025U	---
Pyrene, ug/l	0.042	0.20	0.042U	0.042U	105 %
1-Methylnaphthalene, ug/l	0.028	0.20	0.028U	0.028U	---

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • www.stl-inc.com

LOG NO: S3-81781A
Received: 15 MAR 03
Reported: 28 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS04
Sampled By: Client
Code: 102930519

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81781A-22	Method Detection Limit (MDL)		PENS04
81781A-23	Reporting Limit (RL)		PENS04
81781A-24	Method Blank		PENS04
81781A-25	SPLP Extraction Fluid Blank		PENS04
81781A-26	Lab Control Standard % Recovery		PENS04

PARAMETER	81781A-22	81781A-23	81781A-24	81781A-25	81781A-26
2-Methylnaphthalene, ug/l	0.022	0.20	0.022U	0.024J	---
Surrogate - o-Terphenyl	125 %	---	125 %	110 %	110 %
Dilution Factor	---	---	1	1	1
Prep Date	---	---	03.20.03	03.20.03	03.20.03
Analysis Date	---	---	03.22.03	03.22.03	03.22.03
Batch ID	---	---	0320G	0320G	0320G
Initial Volume	---	---	1000	1000	---
Final Volume	---	---	1.00	1.00	---

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81781A
Received: 15 MAR 03
Reported: 28 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS04
Sampled By: Client
Code: 102930519

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81781A-27	Instrument Detection Limit (IDL)		PENS04
81781A-28	Reporting Limit (RL)		PENS04
81781A-29	Method Blank/SPLP Extraction Fluid Blank		PENS04
81781A-30	Lab Control Standard % Recovery		PENS04

PARAMETER	81781A-27	81781A-28	81781A-29	81781A-30
TAL Metals - SPLP (SPLP6010)				
Aluminum (SPLP), ug/l	11	200	30B	100 %
Antimony (SPLP), ug/l	3.8	20	3.8U	102 %
Arsenic (SPLP), ug/l	3.9	10	3.9U	101 %
Barium (SPLP), ug/l	0.50	10	0.66B	108 %
Beryllium (SPLP), ug/l	0.10	4.0	0.12B	105 %
Cadmium (SPLP), ug/l	0.40	5.0	0.40U	102 %
Calcium (SPLP), ug/l	6.4	500	96B	110 %
Chromium (SPLP), ug/l	0.90	10	1.2B	108 %
Cobalt (SPLP), ug/l	0.70	10	0.70U	106 %
Copper (SPLP), ug/l	0.80	20	1.9B	107 %
Iron (SPLP), ug/l	16	200	16U	105 %
Lead (SPLP), ug/l	1.9	5.0	1.9U	104 %
Magnesium (SPLP), ug/l	7.4	500	7.4U	104 %
Manganese (SPLP), ug/l	0.50	50	0.53B	109 %
Nickel (SPLP), ug/l	1.2	40	1.2U	105 %
Potassium (SPLP), ug/l	17	1000	17U	105 %
Selenium (SPLP), ug/l	4.3	10	4.3U	101 %
Silver (SPLP), ug/l	1.0	10	1.0U	107 %
Sodium (SPLP), ug/l	170	500	2900X	161 %X

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81781A
Received: 15 MAR 03
Reported: 28 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS04
Sampled By: Client
Code: 102930519

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81781A-27	Instrument Detection Limit (IDL)		PENS04
81781A-28	Reporting Limit (RL)		PENS04
81781A-29	Method Blank/SPLP Extraction Fluid Blank		PENS04
81781A-30	Lab Control Standard % Recovery		PENS04

PARAMETER	81781A-27	81781A-28	81781A-29	81781A-30
Thallium (SPLP), ug/l	6.6	10	6.6U	103 %
Vanadium (SPLP), ug/l	1.0	10	1.0U	105 %
Zinc (SPLP), ug/l	1.8	20	1.9B	108 %
Dilution Factor	---	---	1	1
Prep Date	---	---	03.20.03	03.20.03
Analysis Date	---	---	03.21.03	03.21.03
Batch ID	---	---	0320P	0320P
Initial Volume	---	---	50	---
Final Volume	---	---	50	---
Mercury (SPLP) (SPLP7470)				
Mercury (SPLP), ug/l	0.10	0.20	0.10U	105 %
Dilution Factor	---	---	1	1
Prep Date	---	---	03.25.03	03.25.03
Analysis Date	---	---	03.26.03	03.26.03
Batch ID	---	---	0325U	0325U
Initial Volume	---	---	50	---
Final Volume	---	---	50	---

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81781A
Received: 15 MAR 03
Reported: 28 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS04
Sampled By: Client
Code: 102930519

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#

PARAMETER

These test results meet all the requirements of NELAC. All questions regarding this test report should be directed to the STL Project Manager who signed this test report.
SW-846, Test Methods for Evaluating Solid Waste, Third Edition, September 1986, and Updates I, II, IIA, IIB, and III.

U = Indicates compound was analyzed for but not detected.

J = The flag "J" indicates the presence of a compound that meets the identification criteria, but the result is less than the sample RL and greater than the MDL.
E (Organic) = Result exceeded the upper calibration limit.

D = Result is from a secondary dilution.

X (Na) = The filter pads used in the SPLP procedure contain trace levels of calcium and sodium. The SPLP equipment is made of alloys containing iron. Sodium was detected in the preparation blank and samples.

Linda A. Wolfe, Project Manager

Final Page Of Report

800-588-7962
MEMPHIS, TENNESSEE
CHARLESTON, SC; CINCINNATI, OH; DALLAS, TX; JACKSON, TN; KNOXVILLE, TN; LANCASTER, PA; NASHVILLE, TN; NORFOLK, VA; PADUCAH, KY; PENSACOLA, FL; RALEIGH, NC; COLOGNE, GERMANY

CHAIN OF CUSTODY RECORD

PROJECT/JOB NO: 0059-001-08-600-00
COC NO:
PO NO:
REL NO:
LAB NAME: STL Savannah

CLIENT: EnSafe
LOCATION: NASP
SAMPLERS: (SIGNATURE) B. Caldwell
PROJECT MANAGER: Allison Harris
TELE/FAX NO. (901) 372-7962

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	TCLP TOCs	SPLP TCL VOCs	TAL Metals	TCL SVOCs	Low Conc. PAHs	SPLP TAL Metals	SPLP TCL SVOCs	SPLP Low Conc PAHs	REMARKS
030500170 6	3/14	1145	S	Encore/2 125 ml Amber jars	4°C	—	5	X	X							Preserve Encores to water
030500171 8	"	1155	"	"				X	X							
030501380 6	"	0930	"	"				X	X							
030501382 0	"	0930	"	"				X	X							
030501370 6	"	1115	"	"				X	X							
011500060 6	"	0830	"	"				X	X							
030500530 2	"	1240	"	"				X	X							
030500530 4	"	1240	"	"				X	X							
030500531 0	"	1240	"	"				X	X							
030501501 6	"	1400	"	"				X	X							
030501480 6	"	1445	"	"				X	X							
030501420 6	"	1500	"	"			5	X	X							
011SLF120 6	"	0900	"	250 ml plastic		—	1			X						
011SLF120 6	"	0900	"	500 ml glass		—	1				X	X				
011SLF120 6	"	0900	"	500 ml glass		—	1						X	X	X	
011SLF120 6	"	0900	"	Encore/2 125 ml glass		—	5	X	X							

RELINQUISHER	DATE	TIME	RECEIVER	DATE	TIME
B Caldwell	3/14	1738			
PRINTED: EnSafe			PRINTED:		
COMPANY:			COMPANY:		

RELINQUISHER	DATE	TIME	RECEIVER	DATE	TIME
PRINTED:			PRINTED:		
COMPANY:			COMPANY:		

METHOD OF SHIPMENT:
SHIPMENT NO. 8359 4080 1286
SEND RESULTS TO:

COMMENTS:

ANALYTICAL DATA RECEIVED BY (INITIALS/DATE)

ENSCOC2
REV. 05/98

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81825
Received: 18 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS05
Sampled By: Client
Code: 093230331

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81825-1	030GS14603	03-15-03/14:15	PENS05
81825-2	030GS16203	03-16-03/12:15	PENS05
81825-3	030HS16203	03-16-03/12:15	PENS05
81825-4	027GI00403	03-16-03/14:30	PENS05
81825-5	059TB31503	03-15-03/08:00	PENS05

PARAMETER	81825-1	81825-2	81825-3	81825-4	81825-5
Volatiles by GC/MS (8260)					
Chloromethane, ug/l	0.40U	0.40U	0.40U	0.40U	0.40U
Bromomethane (Methyl bromide), ug/l	0.49U	0.49U	0.49U	0.49U	0.49U
Vinyl chloride, ug/l	0.13U	0.13U	0.13U	0.13U	0.13U
Chloroethane, ug/l	0.86U	0.86U	0.86U	0.86U	0.86U
Methylene chloride (Dichloromethane), ug/l	0.61U	0.61U	0.61U	0.61U	0.61U
Acetone, ug/l	2.8J	2.3U	2.3U	2.3U	3.9J
Carbon disulfide, ug/l	0.72U	0.72U	0.72U	0.72U	0.72U
1,1-Dichloroethene, ug/l	0.31U	0.31U	0.31U	18	0.31U
1,1-Dichloroethane, ug/l	16	1.2	1.7	5.7	0.12U
cis-1,2-Dichloroethene, ug/l	0.98J	0.63J	1.1	4.1	0.16U
trans-1,2-Dichloroethene, ug/l	0.36U	0.36U	0.36U	0.36U	0.36U
Chloroform, ug/l	1.6	2.3	2.3	0.12U	0.12U
1,2-Dichloroethane, ug/l	0.18U	0.18U	0.18U	0.18U	0.18U
2-Butanone (MEK), ug/l	0.76J	0.66J	0.59J	0.60J	1.1J
1,1,1-Trichloroethane, ug/l	0.065U	0.065U	0.065U	0.30J	0.065U
Carbon tetrachloride, ug/l	0.15U	0.15U	0.15U	0.15U	0.15U

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81825
Received: 18 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS05
Sampled By: Client
Code: 093230331

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81825-1	030GS14603	03-15-03/14:15	PENS05
81825-2	030GS16203	03-16-03/12:15	PENS05
81825-3	030HS16203	03-16-03/12:15	PENS05
81825-4	027GI00403	03-16-03/14:30	PENS05
81825-5	059TB31503	03-15-03/08:00	PENS05

PARAMETER	81825-1	81825-2	81825-3	81825-4	81825-5
Bromodichloromethane, ug/l	0.18U	0.18U	0.18U	0.18U	0.18U
1,1,2,2-Tetrachloroethane, ug/l	0.17U	0.17U	0.17U	0.17U	0.17U
1,2-Dichloropropane, ug/l	0.17U	0.17U	0.17U	0.17U	0.17U
trans-1,3-Dichloropropene, ug/l	0.15U	0.15U	0.15U	0.15U	0.15U
Trichloroethene, ug/l	0.15JB	0.13U	0.13U	1.2B	0.13U
Dibromochloromethane, ug/l	0.078U	0.078U	0.078U	0.078U	0.078U
1,1,2-Trichloroethane, ug/l	0.11U	0.11U	0.11U	0.11U	0.11U
Benzene, ug/l	0.096U	0.096U	0.096U	0.096U	0.12J
cis-1,3-Dichloropropene, ug/l	0.12U	0.12U	0.12U	0.12U	0.12U
Bromoform, ug/l	0.19U	0.19U	0.19U	0.19U	0.19U
2-Hexanone, ug/l	0.29U	0.29U	0.29U	0.29U	0.29U
4-Methyl-2-pentanone (MIBK), ug/l	0.27U	0.27U	0.27U	0.27U	0.27U
Tetrachloroethene, ug/l	0.50J	0.43U	0.43U	2.0	0.43U
Toluene, ug/l	0.065U	0.065U	0.065U	0.065U	0.16J
Chlorobenzene, ug/l	0.10U	0.10U	0.10U	0.10U	0.10U
Ethylbenzene, ug/l	0.11U	0.11U	0.11U	0.11U	0.11U
Styrene, ug/l	0.050U	0.097J	0.072J	0.11J	1.3
Xylenes, Total, ug/l	0.28U	0.28U	0.28U	0.28U	0.28U
Surrogate - Toluene-d8	106 %	106 %	106 %	102 %	104 %

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81825
Received: 18 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS05
Sampled By: Client
Code: 093230331

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81825-1	030GS14603	03-15-03/14:15	PENS05
81825-2	030GS16203	03-16-03/12:15	PENS05
81825-3	030HS16203	03-16-03/12:15	PENS05
81825-4	027GI00403	03-16-03/14:30	PENS05
81825-5	059TB31503	03-15-03/08:00	PENS05

PARAMETER	81825-1	81825-2	81825-3	81825-4	81825-5
Surrogate - 4-Bromofluorobenzene	98 %	98 %	100 %	98 %	100 %
Surrogate - Dibromofluoromethane	98 %	100 %	100 %	98 %	98 %
Dilution Factor	1	1	1	1	1
Prep Date	03.26.03	03.26.03	03.26.03	03.26.03	03.26.03
Analysis Date	03.26.03	03.26.03	03.26.03	03.26.03	03.26.03
Batch ID	1B0326	1B0326	1B0326	1B0326	1B0326
Initial Volume	5.00	5.00	5.00	5.00	5.00
Final Volume	5.00	5.00	5.00	5.00	5.00

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81825
Received: 18 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS05
Sampled By: Client
Code: 093230331

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81825-6	027GS00503	03-17-03/12:00	PENS05
81825-7	027GS00403	03-17-03/15:00	PENS05
81825-8	025GI00203	03-17-03/15:05	PENS05
81825-9	025HI00203	03-17-03/15:05	PENS05
81825-10	025GI00103	03-17-03/13:50	PENS05

PARAMETER	81825-6	81825-7	81825-8	81825-9	81825-10
Volatiles by GC/MS (8260)					
Chloromethane, ug/l	0.40U	0.40U	0.40U	0.40U	0.40U
Bromomethane (Methyl bromide), ug/l	0.49U	0.49U	0.49U	0.49U	0.49U
Vinyl chloride, ug/l	0.13U	0.13U	0.13U	0.13U	0.13U
Chloroethane, ug/l	0.86U	0.86U	0.86U	0.86U	0.86U
Methylene chloride (Dichloromethane), ug/l	0.61U	0.61U	0.61U	0.61U	0.61U
Acetone, ug/l	2.3U	19J	2.3U	2.3U	2.3U
Carbon disulfide, ug/l	0.72U	0.72U	0.72U	0.72U	0.72U
1,1-Dichloroethene, ug/l	0.31U	0.31U	0.51J	0.31U	0.31U
1,1-Dichloroethane, ug/l	0.55J	0.13J	6.8	7.1	0.84J
cis-1,2-Dichloroethene, ug/l	0.16U	4.6	0.16U	0.16U	0.38J
trans-1,2-Dichloroethene, ug/l	0.36U	0.36U	0.36U	0.36U	0.36U
Chloroform, ug/l	0.77J	0.12U	0.12U	0.12U	0.12U
1,2-Dichloroethane, ug/l	0.18U	0.18U	0.18U	0.18U	0.18U
2-Butanone (MEK), ug/l	0.58J	0.48U	0.48U	0.48U	0.68J
1,1,1-Trichloroethane, ug/l	0.25J	0.065U	0.065U	0.065U	0.065U
Carbon tetrachloride, ug/l	0.15U	0.15U	0.15U	0.15U	0.15U

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81825
Received: 18 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS05
Sampled By: Client
Code: 093230331

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81825-6	027GS00503	03-17-03/12:00	PENS05
81825-7	027GS00403	03-17-03/15:00	PENS05
81825-8	025GI00203	03-17-03/15:05	PENS05
81825-9	025HI00203	03-17-03/15:05	PENS05
81825-10	025GI00103	03-17-03/13:50	PENS05

PARAMETER	81825-6	81825-7	81825-8	81825-9	81825-10
Bromodichloromethane, ug/l	0.18U	0.18U	0.18U	0.18U	0.18U
1,1,2,2-Tetrachloroethane, ug/l	0.17U	0.17U	0.17U	0.17U	0.17U
1,2-Dichloropropane, ug/l	0.17U	0.17U	0.17U	0.17U	0.17U
trans-1,3-Dichloropropene, ug/l	0.15U	0.15U	0.15U	0.15U	0.15U
Trichloroethene, ug/l	0.13U	3.3B	1.4B	1.6B	8.2B
Dibromochloromethane, ug/l	0.078U	0.078U	0.078U	0.078U	0.078U
1,1,2-Trichloroethane, ug/l	0.11U	0.11U	0.11U	0.11U	0.11U
Benzene, ug/l	0.096U	3.1	0.096U	0.096U	0.096U
cis-1,3-Dichloropropene, ug/l	0.12U	0.12U	0.12U	0.12U	0.12U
Bromoform, ug/l	0.19U	0.19U	0.19U	0.19U	0.19U
2-Hexanone, ug/l	0.29U	0.29U	0.29U	0.29U	0.29U
4-Methyl-2-pentanone (MIBK), ug/l	0.27U	0.27U	0.27U	0.27U	0.27U
Tetrachloroethene, ug/l	0.43U	1.1	0.43U	0.43U	0.43U
Toluene, ug/l	0.065U	0.22JB	0.065U	0.065U	0.065U
Chlorobenzene, ug/l	0.10U	0.10U	2.1	2.0	0.10U
Ethylbenzene, ug/l	0.11U	0.11U	0.11U	0.11U	0.11U
Styrene, ug/l	0.050U	0.14J	0.052J	0.093J	0.082J
Xylenes, Total, ug/l	0.28U	0.28U	0.28U	0.28U	0.28U
Surrogate - Toluene-d8	106 %	104 %	100 %	104 %	104 %

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81825
Received: 18 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS05
Sampled By: Client
Code: 093230331

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81825-6	027GS00503	03-17-03/12:00	PENS05
81825-7	027GS00403	03-17-03/15:00	PENS05
81825-8	025GI00203	03-17-03/15:05	PENS05
81825-9	025HI00203	03-17-03/15:05	PENS05
81825-10	025GI00103	03-17-03/13:50	PENS05

PARAMETER	81825-6	81825-7	81825-8	81825-9	81825-10
Surrogate - 4-Bromofluorobenzene	96 %	98 %	102 %	96 %	96 %
Surrogate - Dibromofluoromethane	98 %	100 %	100 %	98 %	98 %
Dilution Factor	1	1	1	1	1
Prep Date	03.26.03	03.26.03	03.26.03	03.26.03	03.26.03
Analysis Date	03.26.03	03.26.03	03.26.03	03.26.03	03.26.03
Batch ID	1B0326	1B0326	1B0326	1B0326	1B0326
Initial Volume	5.00	5.00	5.00	5.00	5.00
Final Volume	5.00	5.00	5.00	5.00	5.00

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81825
Received: 18 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS05
Sampled By: Client
Code: 093230331

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81825-11	011GS00903	03-16-03/10:45	PENS05
81825-12	030GS11103	03-17-03/13:30	PENS05
81825-12-DL	030GS11103	03-17-03/13:30	PENS05
81825-13	030GI11103	03-17-03/11:10	PENS05

PARAMETER	81825-11	81825-12	81825-12-DL	81825-13
TCL Semivolatiles (8270)			---	
Phenol, ug/l	1.0U	1.0U	---	1.0U
bis(2-Chloroethyl)ether, ug/l	1.0U	1.0U	---	1.0U
2-Chlorophenol, ug/l	0.79U	1.4J	---	2.9J
1,3-Dichlorobenzene, ug/l	1.0U	5.4J	---	32
1,4-Dichlorobenzene, ug/l	1.0U	7.2J	---	100
1,2-Dichlorobenzene, ug/l	1.0U	1.0U	---	38
2-Methylphenol (o-Cresol), ug/l	0.59U	0.59U	---	0.59U
2,2'-Oxybis(1-Chloropropane) (bis-2-chloroisopropyl ether), ug/l	0.58U	0.58U	---	0.58U
3-Methylphenol/4-Methylphen ol (m&p-Cresol), ug/l	1.0U	1.0U	---	1.0U
N-Nitroso-di-n-propylamine, ug/l	1.0U	1.0U	---	1.0U
Hexachloroethane, ug/l	0.70U	0.70U	---	0.70U
Nitrobenzene, ug/l	1.0U	1.0U	---	1.0U
Isophorone, ug/l	1.0U	1.0U	---	1.0U
2-Nitrophenol, ug/l	1.1U	1.1U	---	1.1U
2,4-Dimethylphenol, ug/l	1.1U	2.5J	---	1.1U
bis(2-Chloroethoxy)methane, ug/l	1.0U	1.0U	---	1.0U

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • www.stl-inc.com

LOG NO: S3-81825
Received: 18 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS05
Sampled By: Client
Code: 093230331

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81825-11	011GS00903	03-16-03/10:45	PENS05
81825-12	030GS11103	03-17-03/13:30	PENS05
81825-12-DL	030GS11103	03-17-03/13:30	PENS05
81825-13	030GI11103	03-17-03/11:10	PENS05

PARAMETER	81825-11	81825-12	81825-12-DL	81825-13
2,4-Dichlorophenol, ug/l	0.76U	0.76U	---	1.3J
1,2,4-Trichlorobenzene, ug/l	0.51U	0.51U	---	0.51U
4-Chloroaniline, ug/l	1.0U	1.0U	---	1.0U
Hexachlorobutadiene, ug/l	0.50U	0.50U	---	0.50U
4-Chloro-3-methylphenol, ug/l	1.0U	1.0U	---	1.0U
Hexachlorocyclopentadiene, ug/l	1.1U	1.1U	---	1.1U
2,4,6-Trichlorophenol, ug/l	1.1U	1.1U	---	1.1U
2,4,5-Trichlorophenol, ug/l	1.1U	1.1U	---	1.1U
2-Chloronaphthalene, ug/l	2.8J	1.0U	---	1.0U
2-Nitroaniline, ug/l	0.72U	0.72U	---	0.72U
Dimethylphthalate, ug/l	0.57U	0.57U	---	0.57U
3-Nitroaniline, ug/l	0.64U	0.64U	---	0.64U
2,4-Dinitrophenol, ug/l	10U	10U	---	10U
4-Nitrophenol, ug/l	5.0U	5.0U	---	5.0U
Dibenzofuran, ug/l	1.0U	1.0U	---	1.0U
2,4-Dinitrotoluene, ug/l	1.1U	1.1U	---	1.1U
2,6-Dinitrotoluene, ug/l	0.87U	0.87U	---	0.87U
Diethylphthalate, ug/l	1.0U	1.0U	---	1.0U
4-Chlorophenylphenyl ether, ug/l	0.70U	0.70U	---	0.70U
4-Nitroaniline, ug/l	0.86U	0.86U	---	0.86U

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81825
Received: 18 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS05
Sampled By: Client
Code: 093230331

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81825-11	011GS00903	03-16-03/10:45	PENS05
81825-12	030GS11103	03-17-03/13:30	PENS05
81825-12-DL	030GS11103	03-17-03/13:30	PENS05
81825-13	030GI11103	03-17-03/11:10	PENS05

PARAMETER	81825-11	81825-12	81825-12-DL	81825-13
4,6-Dinitro-2-methylphenol, ug/l	10U	10U	---	10U
N-Nitrosodiphenylamine, ug/l	1.0U	1.0U	---	1.0U
4-Bromophenylphenyl ether, ug/l	1.0U	1.0U	---	1.0U
Hexachlorobenzene, ug/l	0.61U	0.61U	---	0.61U
Pentachlorophenol, ug/l	2.0U	2.0U	---	2.0U
Di-n-butylphthalate, ug/l	1.0U	1.0U	---	1.0U
Butylbenzylphthalate, ug/l	0.74U	0.74U	---	0.74U
3,3'-Dichlorobenzidine, ug/l	1.0U	1.0U	---	1.0U
bis(2-Ethylhexyl)phthalate, ug/l	2.4U	2.4U	---	2.4U
Di-n-octylphthalate, ug/l	1.2U	1.2U	---	1.2U
Carbazole, ug/l	0.54U	0.54U	---	0.54U
Surrogate - Phenol-d5	86 %	77 %	---	90 %
Surrogate - 2-Fluorophenol	78 %	70 %	---	84 %
Surrogate - 2,4,6-Tribromophenol	100 %	110 %	---	100 %
Surrogate - Nitrobenzene-d5	94 %	94 %	---	96 %
Surrogate - 2-Fluorobiphenyl	94 %	94 %	---	98 %
Surrogate - Terphenyl-d14	48 %	47 %	---	53 %
Dilution Factor	1	1	---	1
Prep Date	03.19.03	03.19.03	---	03.19.03
Analysis Date	03.23.03	03.28.03	---	03.28.03
Batch ID	0319D	0319D	---	0319D
Initial Volume	1000	980	---	980
Final Volume	1.00	1.00	---	1.00

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81825
Received: 18 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS05
Sampled By: Client
Code: 093230331

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81825-11	011GS00903	03-16-03/10:45	PENS05
81825-12	030GS11103	03-17-03/13:30	PENS05
81825-12-DL	030GS11103	03-17-03/13:30	PENS05
81825-13	030GI11103	03-17-03/11:10	PENS05

PARAMETER	81825-11	81825-12	81825-12-DL	81825-13
Low Level PAH (8270LL)			---	
Naphthalene, ug/l	0.093J	17	---	1.5
Acenaphthylene, ug/l	0.059J	0.024U	---	0.024U
Acenaphthene, ug/l	0.92	0.032	---	0.025U
Fluorene, ug/l	0.15J	0.026U	---	0.026U
Phenanthrene, ug/l	0.046J	0.025U	---	0.025U
Anthracene, ug/l	0.057J	0.031U	---	0.031U
Fluoranthene, ug/l	0.12J	0.061U	---	0.061U
Pyrene, ug/l	0.13J	0.042U	---	0.042U
Chrysene, ug/l	0.088U	0.088U	---	0.088U
Benzo(a)anthracene, ug/l	0.070U	0.070U	---	0.070U
Benzo(b)fluoranthene, ug/l	0.074U	0.074U	---	0.074U
Benzo(k)fluoranthene, ug/l	0.058U	0.058U	---	0.058U
Benzo(a)pyrene, ug/l	0.060U	0.060U	---	0.060U
Indeno(1,2,3-cd)pyrene, ug/l	0.080U	0.080U	---	0.080U
Dibenzo(a,h)anthracene, ug/l	0.065U	0.065U	---	0.065U
Benzo(g,h,i)perylene, ug/l	0.14J	0.096U	---	0.096U
2-Methylnaphthalene, ug/l	0.050J	0.025J	---	0.022U
1-Methylnaphthalene, ug/l	0.42	0.043J	---	0.028U
Surrogate - o-Terphenyl	110 %	110 %	---	95 %

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81825
Received: 18 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS05
Sampled By: Client
Code: 093230331

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81825-11	011GS00903	03-16-03/10:45	PENS05
81825-12	030GS11103	03-17-03/13:30	PENS05
81825-12-DL	030GS11103	03-17-03/13:30	PENS05
81825-13	030GI11103	03-17-03/11:10	PENS05

PARAMETER	81825-11	81825-12	81825-12-DL	81825-13
Dilution Factor	1	1	---	1
Prep Date	03.20.03	03.20.03	---	03.20.03
Analysis Date	03.27.03	03.27.03	---	03.27.03
Batch ID	0320G	0320G	---	0320G
Initial Volume	1000	1000	---	970
Final Volume	1.00	1.00	---	1.00

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • www.stl-inc.com

LOG NO: S3-81825
Received: 18 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS05
Sampled By: Client
Code: 093230331

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81825-11	011GS00903	03-16-03/10:45	PENS05
81825-12	030GS11103	03-17-03/13:30	PENS05
81825-12-DL	030GS11103	03-17-03/13:30	PENS05
81825-13	030GI11103	03-17-03/11:10	PENS05

PARAMETER	81825-11	81825-12	81825-12-DL	81825-13
Volatiles by GC/MS (8260)				
Chloromethane, ug/l	0.40U	0.80U	2.0U	0.80U
Bromomethane (Methyl bromide), ug/l	0.49U	0.98U	2.4U	0.98U
Vinyl chloride, ug/l	0.37J	0.26U	0.65U	7.9
Chloroethane, ug/l	0.86U	32	33D	1.7U
Methylene chloride (Dichloromethane), ug/l	0.61U	1.2U	3.0U	1.2U
Acetone, ug/l	3.8J	4.6U	12U	5.8J
Carbon disulfide, ug/l	0.72U	1.4U	3.6U	1.4U
1,1-Dichloroethene, ug/l	0.31U	0.62U	1.6U	0.62U
1,1-Dichloroethane, ug/l	0.12U	0.24U	0.60U	0.24U
cis-1,2-Dichloroethene, ug/l	0.20J	0.32U	0.80U	0.32U
trans-1,2-Dichloroethene, ug/l	0.36U	0.72U	1.8U	0.72U
Chloroform, ug/l	0.12U	0.24U	0.60U	0.24U
1,2-Dichloroethane, ug/l	0.18U	0.36U	0.90U	0.36U
2-Butanone (MEK), ug/l	0.48U	0.96U	2.4U	1.1J
1,1,1-Trichloroethane, ug/l	0.065U	0.13U	0.32U	0.13U
Carbon tetrachloride, ug/l	0.15U	0.30U	0.75U	0.30U
Bromodichloromethane, ug/l	0.18U	0.36U	0.90U	0.36U

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81825
Received: 18 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS05
Sampled By: Client
Code: 093230331

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81825-11	011GS00903	03-16-03/10:45	PENS05
81825-12	030GS11103	03-17-03/13:30	PENS05
81825-12-DL	030GS11103	03-17-03/13:30	PENS05
81825-13	030GI11103	03-17-03/11:10	PENS05

PARAMETER	81825-11	81825-12	81825-12-DL	81825-13
1,1,2,2-Tetrachloroethane, ug/l	0.17U	0.34U	0.85U	0.34U
1,2-Dichloropropane, ug/l	0.17U	0.34U	0.85U	0.34U
trans-1,3-Dichloropropene, ug/l	0.15U	0.30U	0.75U	0.30U
Trichloroethene, ug/l	0.13U	0.26U	0.65U	1.5JB
Dibromochloromethane, ug/l	0.078U	0.16U	0.39U	0.16U
1,1,2-Trichloroethane, ug/l	0.11U	0.22U	0.55U	0.22U
Benzene, ug/l	0.096U	9.8	9.5D	2.8
cis-1,3-Dichloropropene, ug/l	0.12U	0.24U	0.60U	0.24U
Bromoform, ug/l	0.19U	0.38U	0.95U	0.38U
2-Hexanone, ug/l	0.29U	0.58U	1.4U	0.58U
4-Methyl-2-pentanone (MIBK), ug/l	0.27U	0.54U	1.4U	0.54U
Tetrachloroethene, ug/l	0.43U	0.86U	2.2U	0.86U
Toluene, ug/l	0.065U	0.73JB	0.84DJB	0.42JB
Chlorobenzene, ug/l	0.10U	780E	830D	440E
Ethylbenzene, ug/l	0.11U	0.22U	0.55U	0.22U
Styrene, ug/l	0.076J	0.10U	0.25U	0.10U
Xylenes, Total, ug/l	0.28U	0.56U	1.4U	0.56U
Surrogate - Toluene-d8	108 %	108 %	104 %	106 %
Surrogate - 4-Bromofluorobenzene	98 %	102 %	100 %	100 %
Surrogate - Dibromofluoromethane	96 %	96 %	96 %	100 %

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • www.stl-inc.com

LOG NO: S3-81825
Received: 18 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS05
Sampled By: Client
Code: 093230331

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81825-11	011GS00903	03-16-03/10:45	PENS05
81825-12	030GS11103	03-17-03/13:30	PENS05
81825-12-DL	030GS11103	03-17-03/13:30	PENS05
81825-13	030GI11103	03-17-03/11:10	PENS05

PARAMETER	81825-11	81825-12	81825-12-DL	81825-13
Dilution Factor	1	2	5	2
Prep Date	03.26.03	03.26.03	03.27.03	03.26.03
Analysis Date	03.26.03	03.26.03	03.27.03	03.26.03
Batch ID	1B0326	1B0326	1B0327	1B0326
Initial Volume	5.00	5.00	5.00	5.00
Final Volume	5.00	5.00	5.00	5.00

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81825
Received: 18 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS05
Sampled By: Client
Code: 093230331

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81825-11	011GS00903	03-16-03/10:45	PENS05
81825-12	030GS11103	03-17-03/13:30	PENS05
81825-12-DL	030GS11103	03-17-03/13:30	PENS05
81825-13	030GI11103	03-17-03/11:10	PENS05

PARAMETER	81825-11	81825-12	81825-12-DL	81825-13
TAL Metals (6010)			---	
Aluminum, ug/l	89B	160B	---	270
Antimony, ug/l	3.8U	3.8U	---	3.8U
Arsenic, ug/l	3.9U	3.9U	---	27
Barium, ug/l	410	20	---	110
Beryllium, ug/l	0.10U	0.10U	---	0.10U
Cadmium, ug/l	0.42B	0.40U	---	0.40U
Calcium, ug/l	110000	46000	---	71000
Chromium, ug/l	2.5B	1.7B	---	1.1B
Cobalt, ug/l	0.70U	0.70U	---	1.4B
Copper, ug/l	3.2B	1.0B	---	2.0B
Iron, ug/l	1900	1200	---	30000
Lead, ug/l	7.7	1.9U	---	1.9U
Magnesium, ug/l	11000	4500	---	53000
Manganese, ug/l	230	110	---	95
Nickel, ug/l	1.2U	1.2U	---	1.2U
Potassium, ug/l	4800	7800	---	24000
Selenium, ug/l	4.3U	4.3U	---	4.3U
Silver, ug/l	1.0U	1.0U	---	1.0U
Sodium, ug/l	20000	12000	---	550000

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81825
Received: 18 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS05
Sampled By: Client
Code: 093230331

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81825-11	011GS00903	03-16-03/10:45	PENS05
81825-12	030GS11103	03-17-03/13:30	PENS05
81825-12-DL	030GS11103	03-17-03/13:30	PENS05
81825-13	030GI11103	03-17-03/11:10	PENS05

PARAMETER	81825-11	81825-12	81825-12-DL	81825-13
Thallium, ug/l	6.6U	6.6U	---	6.6U
Vanadium, ug/l	1.0B	1.4B	---	1.4B
Zinc, ug/l	14B	4.2B	---	6.3B
Dilution Factor	1	1	---	1
Prep Date	03.21.03	03.21.03	---	03.21.03
Analysis Date	03.24.03	03.24.03	---	03.24.03
Batch ID	0321G	0321G	---	0321G
Initial Volume	50	50	---	50
Final Volume	50	50	---	50
Mercury (7470)			---	
Mercury, ug/l	0.10U	0.10U	---	0.10U
Dilution Factor	1	1	---	1
Prep Date	03.19.03	03.19.03	---	03.19.03
Analysis Date	03.20.03	03.20.03	---	03.20.03
Batch ID	0319S	0319S	---	0319S
Initial Volume	50	50	---	50
Final Volume	50	50	---	50

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81825
Received: 18 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS05
Sampled By: Client
Code: 093230331

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81825-13-DL	030GI11103	03-17-03/11:10	PENS05

PARAMETER	81825-13-DL

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81825
Received: 18 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS05
Sampled By: Client
Code: 093230331

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81825-13-DL	030GI11103	03-17-03/11:10	PENS05

PARAMETER	81825-13-DL
Volatiles by GC/MS (8260)	
Chloromethane, ug/l	1.6U
Bromomethane (Methyl bromide), ug/l	2.0U
Vinyl chloride, ug/l	8.4D
Chloroethane, ug/l	3.4U
Methylene chloride (Dichloromethane), ug/l	2.4U
Acetone, ug/l	9.2U
Carbon disulfide, ug/l	2.9U
1,1-Dichloroethene, ug/l	1.2U
1,1-Dichloroethane, ug/l	0.48U
cis-1,2-Dichloroethene, ug/l	2.4DJ
trans-1,2-Dichloroethene, ug/l	1.4U
Chloroform, ug/l	0.48U
1,2-Dichloroethane, ug/l	0.72U
2-Butanone (MEK), ug/l	1.9U
1,1,1-Trichloroethane, ug/l	0.26U
Carbon tetrachloride, ug/l	0.60U
Bromodichloromethane, ug/l	0.72U
1,1,2,2-Tetrachloroethane, ug/l	0.68U
1,2-Dichloropropane, ug/l	0.68U
trans-1,3-Dichloropropene, ug/l	0.60U

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81825
Received: 18 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS05
Sampled By: Client
Code: 093230331

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81825-13-DL	030GI11103	03-17-03/11:10	PENS05

PARAMETER	81825-13-DL
Trichloroethene, ug/l	1.7DJ
Dibromochloromethane, ug/l	0.31U
1,1,2-Trichloroethane, ug/l	0.44U
Benzene, ug/l	2.7DJ
cis-1,3-Dichloropropene, ug/l	0.48U
Bromoform, ug/l	0.76U
2-Hexanone, ug/l	1.2U
4-Methyl-2-pentanone (MIBK), ug/l	1.1U
Tetrachloroethene, ug/l	1.7U
Toluene, ug/l	0.48DJB
Chlorobenzene, ug/l	450D
Ethylbenzene, ug/l	0.44U
Styrene, ug/l	0.20U
Xylenes, Total, ug/l	1.1U
Surrogate - Toluene-d8	104 %
Surrogate - 4-Bromofluorobenzene	98 %
Surrogate - Dibromofluoromethane	98 %
Dilution Factor	4
Prep Date	03.27.03
Analysis Date	03.27.03
Batch ID	1B0327
Initial Volume	5.00
Final Volume	5.00

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81825
Received: 18 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS05
Sampled By: Client
Code: 093230331

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81825-14	030GS12603	03-15-03/11:45	PENS05
81825-15	030GS02803	03-15-03/13:25	PENS05
81825-16	011GI01003	03-16-03/11:15	PENS05
81825-17	027GS01003	03-17-03/14:20	PENS05

PARAMETER	81825-14	81825-15	81825-16	81825-17
Volatiles by GC/MS (8260)				
Chloromethane, ug/l	0.40U	0.40U	0.40U	0.40U
Bromomethane (Methyl bromide), ug/l	0.49U	0.49U	0.49U	0.49U
Vinyl chloride, ug/l	0.13U	0.13U	0.13U	0.13U
Chloroethane, ug/l	0.86U	0.86U	0.86U	0.86U
Methylene chloride (Dichloromethane), ug/l	0.61U	0.61U	0.61U	0.61U
Acetone, ug/l	3.0J	2.3U	2.3U	2.3U
Carbon disulfide, ug/l	0.72U	0.72U	0.72U	0.72U
1,1-Dichloroethene, ug/l	0.31U	0.31U	0.31U	2.2
1,1-Dichloroethane, ug/l	0.12U	7.1	0.12U	1.9
cis-1,2-Dichloroethene, ug/l	0.16U	12	1.2	4.4
trans-1,2-Dichloroethene, ug/l	0.36U	0.36U	0.36U	0.36U
Chloroform, ug/l	2.2	0.12U	0.12U	0.12U
1,2-Dichloroethane, ug/l	0.18U	0.18U	8.5	0.18U
2-Butanone (MEK), ug/l	0.61J	0.48U	0.51J	0.86J
1,1,1-Trichloroethane, ug/l	0.065U	1.5	0.065U	0.065U
Carbon tetrachloride, ug/l	0.15U	0.15U	0.15U	0.15U
Bromodichloromethane, ug/l	0.18U	0.18U	0.18U	0.18U

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • www.stl-inc.com

LOG NO: S3-81825
Received: 18 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS05
Sampled By: Client
Code: 093230331

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81825-14	030GS12603	03-15-03/11:45	PENS05
81825-15	030GS02803	03-15-03/13:25	PENS05
81825-16	011GI01003	03-16-03/11:15	PENS05
81825-17	027GS01003	03-17-03/14:20	PENS05

PARAMETER	81825-14	81825-15	81825-16	81825-17
1,1,2,2-Tetrachloroethane, ug/l	0.17U	0.17U	0.17U	0.17U
1,2-Dichloropropane, ug/l	0.17U	0.17U	0.17U	0.17U
trans-1,3-Dichloropropene, ug/l	0.15U	0.15U	0.15U	0.15U
Trichloroethene, ug/l	0.13U	0.90JB	0.62JB	0.56JB
Dibromochloromethane, ug/l	0.078U	0.078U	0.078U	0.078U
1,1,2-Trichloroethane, ug/l	0.11U	0.11U	0.11U	0.11U
Benzene, ug/l	0.096U	0.096U	0.096U	0.096U
cis-1,3-Dichloropropene, ug/l	0.12U	0.12U	0.12U	0.12U
Bromoform, ug/l	0.19U	0.19U	0.19U	0.19U
2-Hexanone, ug/l	0.29U	0.29U	0.29U	0.29U
4-Methyl-2-pentanone (MIBK), ug/l	0.27U	0.27U	0.27U	0.27U
Tetrachloroethene, ug/l	0.43U	6.4	0.43U	0.90J
Toluene, ug/l	0.065U	0.065U	0.065U	0.065U
Chlorobenzene, ug/l	0.10U	0.57J	0.10U	1.0
Ethylbenzene, ug/l	0.11U	0.12J	0.11U	0.11U
Styrene, ug/l	0.050U	0.050U	0.050U	0.050U
Xylenes, Total, ug/l	0.28U	0.28U	0.28U	0.28U
Surrogate - Toluene-d8	104 %	106 %	104 %	106 %
Surrogate - 4-Bromofluorobenzene	98 %	96 %	96 %	98 %
Surrogate - Dibromofluoromethane	98 %	98 %	96 %	98 %

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81825
Received: 18 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS05
Sampled By: Client
Code: 093230331

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81825-14	030GS12603	03-15-03/11:45	PENS05
81825-15	030GS02803	03-15-03/13:25	PENS05
81825-16	011GI01003	03-16-03/11:15	PENS05
81825-17	027GS01003	03-17-03/14:20	PENS05

PARAMETER	81825-14	81825-15	81825-16	81825-17
Dilution Factor	1	1	1	1
Prep Date	03.26.03	03.26.03	03.26.03	03.26.03
Analysis Date	03.26.03	03.26.03	03.26.03	03.26.03
Batch ID	1B0326	1B0326	1B0326	1B0326
Initial Volume	5.00	5.00	5.00	5.00
Final Volume	5.00	5.00	5.00	5.00

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81825
Received: 18 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS05
Sampled By: Client
Code: 093230331

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81825-14	030GS12603	03-15-03/11:45	PENS05
81825-15	030GS02803	03-15-03/13:25	PENS05
81825-16	011GI01003	03-16-03/11:15	PENS05
81825-17	027GS01003	03-17-03/14:20	PENS05

PARAMETER	81825-14	81825-15	81825-16	81825-17
TAL Metals (6010)				
Aluminum, ug/l	630	520	41B	120B
Antimony, ug/l	3.8U	3.8U	3.8U	3.8U
Arsenic, ug/l	3.9U	3.9U	8.5B	3.9U
Barium, ug/l	6.8B	4.4B	17	4.3B
Beryllium, ug/l	0.10U	0.10U	0.10U	0.10U
Cadmium, ug/l	0.45B	120	0.40U	8.0
Calcium, ug/l	5100	19000	31000	14000
Chromium, ug/l	10	250	0.90U	160
Cobalt, ug/l	0.70U	1.4B	0.87B	1.8B
Copper, ug/l	0.80U	11B	0.80U	1.1B
Iron, ug/l	3400	2700	2400	3000
Lead, ug/l	37	1.9U	1.9U	1.9U
Magnesium, ug/l	2000	2700	17000	3400
Manganese, ug/l	31	52	120	190
Nickel, ug/l	1.2U	2.0B	1.2U	4.6B
Potassium, ug/l	1500	4300	8300	4900
Selenium, ug/l	4.3U	4.3U	4.3U	4.3U
Silver, ug/l	1.0U	1.0U	1.0U	1.0U
Sodium, ug/l	11000	8800	180000	11000

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81825
Received: 18 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS05
Sampled By: Client
Code: 093230331

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81825-14	030GS12603	03-15-03/11:45	PENS05
81825-15	030GS02803	03-15-03/13:25	PENS05
81825-16	011GI01003	03-16-03/11:15	PENS05
81825-17	027GS01003	03-17-03/14:20	PENS05

PARAMETER	81825-14	81825-15	81825-16	81825-17
Thallium, ug/l	6.6U	6.6U	6.6U	6.6U
Vanadium, ug/l	4.9B	3.1B	1.0U	1.5B
Zinc, ug/l	2.6B	4.2B	5.9B	5.1B
Dilution Factor	1	1	1	1
Prep Date	03.21.03	03.21.03	03.21.03	03.21.03
Analysis Date	03.25.03	03.25.03	03.25.03	03.25.03
Batch ID	0321G	0321G	0321G	0321G
Initial Volume	50	50	50	50
Final Volume	50	50	50	50
Mercury (7470)				
Mercury, ug/l	0.10U	0.10U	0.10U	0.10U
Dilution Factor	1	1	1	1
Prep Date	03.19.03	03.19.03	03.19.03	03.19.03
Analysis Date	03.20.03	03.20.03	03.20.03	03.20.03
Batch ID	0319S	0319S	0319S	0319S
Initial Volume	50	50	50	50
Final Volume	50	50	50	50

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81825
Received: 18 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS05
Sampled By: Client
Code: 093230331

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81825-18	030GMW0303	03-15-03/10:00	PENS05
81825-19	030GI16403	03-16-03/13:10	PENS05

PARAMETER	81825-18	81825-19
Volatiles by GC/MS (8260)		
Chloromethane, ug/l	0.40U	0.40U
Bromomethane (Methyl bromide), ug/l	0.49U	0.49U
Vinyl chloride, ug/l	0.13U	0.13U
Chloroethane, ug/l	0.86U	0.86U
Methylene chloride (Dichloromethane), ug/l	0.61U	0.61U
Acetone, ug/l	2.7J	2.3U
Carbon disulfide, ug/l	0.72U	0.72U
1,1-Dichloroethene, ug/l	0.31U	2.8
1,1-Dichloroethane, ug/l	1.2	13
cis-1,2-Dichloroethene, ug/l	0.16U	12
trans-1,2-Dichloroethene, ug/l	0.36U	0.36U
Chloroform, ug/l	2.1	1.9
1,2-Dichloroethane, ug/l	0.18U	0.18U
2-Butanone (MEK), ug/l	0.71J	0.48U
1,1,1-Trichloroethane, ug/l	0.065U	0.065U
Carbon tetrachloride, ug/l	0.15U	0.15U
Bromodichloromethane, ug/l	0.18U	0.18U
1,1,2,2-Tetrachloroethane, ug/l	0.17U	0.17U
1,2-Dichloropropane, ug/l	0.17U	0.17U

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81825
Received: 18 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS05
Sampled By: Client
Code: 093230331

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81825-18	030GMW0303	03-15-03/10:00	PENS05
81825-19	030GI16403	03-16-03/13:10	PENS05

PARAMETER	81825-18	81825-19
trans-1,3-Dichloropropene, ug/l	0.15U	0.15U
Trichloroethene, ug/l	0.13U	0.34JB
Dibromochloromethane, ug/l	0.078U	0.078U
1,1,2-Trichloroethane, ug/l	0.11U	0.11U
Benzene, ug/l	0.096U	0.096U
cis-1,3-Dichloropropene, ug/l	0.12U	0.12U
Bromoform, ug/l	0.19U	0.19U
2-Hexanone, ug/l	0.29U	0.29U
4-Methyl-2-pentanone (MIBK), ug/l	0.27U	0.27U
Tetrachloroethene, ug/l	0.43U	1.4
Toluene, ug/l	0.065U	0.065U
Chlorobenzene, ug/l	0.10U	0.10U
Ethylbenzene, ug/l	0.11U	0.11U
Styrene, ug/l	0.050U	0.15J
Xylenes, Total, ug/l	0.28U	0.28U
Surrogate - Toluene-d8	104 %	104 %
Surrogate - 4-Bromofluorobenzene	96 %	96 %
Surrogate - Dibromofluoromethane	96 %	98 %
Dilution Factor	1	1
Prep Date	03.26.03	03.26.03
Analysis Date	03.26.03	03.26.03
Batch ID	1B0326	1B0326
Initial Volume	5.00	5.00
Final Volume	5.00	5.00

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81825
Received: 18 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS05
Sampled By: Client
Code: 093230331

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81825-18	030GMW0303	03-15-03/10:00	PENS05
81825-19	030GI16403	03-16-03/13:10	PENS05

PARAMETER	81825-18	81825-19
TCL Semivolatiles (8270)		
Phenol, ug/l	1.0U	1.0U
bis(2-Chloroethyl)ether, ug/l	1.0U	1.0U
2-Chlorophenol, ug/l	0.79U	0.79U
1,3-Dichlorobenzene, ug/l	1.0U	1.0U
1,4-Dichlorobenzene, ug/l	1.0U	1.3J
1,2-Dichlorobenzene, ug/l	1.0U	3.6J
2-Methylphenol (o-Cresol), ug/l	0.59U	0.59U
2,2'-Oxybis(1-Chloropropane) (bis-2-chloroisopropyl ether), ug/l	0.58U	0.58U
3-Methylphenol/4-Methylphen ol (m&p-Cresol), ug/l	1.0U	1.0U
N-Nitroso-di-n-propylamine, ug/l	1.0U	1.0U
Hexachloroethane, ug/l	0.70U	0.70U
Nitrobenzene, ug/l	1.0U	1.0U
Isophorone, ug/l	1.0U	1.0U
2-Nitrophenol, ug/l	1.1U	1.1U
2,4-Dimethylphenol, ug/l	1.1U	1.1U
bis(2-Chloroethoxy)methane, ug/l	1.0U	1.0U
2,4-Dichlorophenol, ug/l	0.76U	0.76U
1,2,4-Trichlorobenzene, ug/l	0.51U	0.54J

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81825
Received: 18 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS05
Sampled By: Client
Code: 093230331

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81825-18	030GMW0303	03-15-03/10:00	PENS05
81825-19	030GI16403	03-16-03/13:10	PENS05

PARAMETER	81825-18	81825-19
4-Chloroaniline, ug/l	1.0U	1.0U
Hexachlorobutadiene, ug/l	0.50U	0.50U
4-Chloro-3-methylphenol, ug/l	1.0U	1.0U
Hexachlorocyclopentadiene, ug/l	1.1U	1.1U
2,4,6-Trichlorophenol, ug/l	1.1U	1.1U
2,4,5-Trichlorophenol, ug/l	1.1U	1.1U
2-Chloronaphthalene, ug/l	1.0U	1.0U
2-Nitroaniline, ug/l	0.72U	0.72U
Dimethylphthalate, ug/l	0.57U	0.57U
3-Nitroaniline, ug/l	0.64U	0.64U
2,4-Dinitrophenol, ug/l	10U	10U
4-Nitrophenol, ug/l	5.0U	5.0U
Dibenzofuran, ug/l	1.0U	1.0U
2,4-Dinitrotoluene, ug/l	1.1U	1.1U
2,6-Dinitrotoluene, ug/l	0.87U	0.87U
Diethylphthalate, ug/l	1.0U	1.0U
4-Chlorophenylphenyl ether, ug/l	0.70U	0.70U
4-Nitroaniline, ug/l	0.86U	0.86U
4,6-Dinitro-2-methylphenol, ug/l	10U	10U
N-Nitrosodiphenylamine, ug/l	1.0U	1.0U
4-Bromophenylphenyl ether, ug/l	1.0U	1.0U
Hexachlorobenzene, ug/l	0.61U	0.61U

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • www.stl-inc.com

LOG NO: S3-81825
Received: 18 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS05
Sampled By: Client
Code: 093230331

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81825-18	030GMW0303	03-15-03/10:00	PENS05
81825-19	030GI16403	03-16-03/13:10	PENS05

PARAMETER	81825-18	81825-19
Pentachlorophenol, ug/l	2.0U	2.0U
Di-n-butylphthalate, ug/l	1.0U	1.0U
Butylbenzylphthalate, ug/l	0.74U	0.74U
3,3'-Dichlorobenzidine, ug/l	1.0U	1.0U
bis(2-Ethylhexyl)phthalate, ug/l	2.4U	2.4U
Di-n-octylphthalate, ug/l	1.2U	1.2U
Carbazole, ug/l	0.54U	0.54U
Surrogate - Phenol-d5	78 %	74 %
Surrogate - 2-Fluorophenol	78 %	75 %
Surrogate - 2,4,6-Tribromophenol	92 %	90 %
Surrogate - Nitrobenzene-d5	94 %	96 %
Surrogate - 2-Fluorobiphenyl	100 %	100 %
Surrogate - Terphenyl-d14	68 %	56 %
Dilution Factor	1	1
Prep Date	03.19.03	03.19.03
Analysis Date	03.23.03	03.23.03
Batch ID	0319D	0319D
Initial Volume	1000	1100
Final Volume	1.00	1.00

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • www.stl-inc.com

LOG NO: S3-81825
Received: 18 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS05
Sampled By: Client
Code: 093230331

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81825-18	030GMW0303	03-15-03/10:00	PENS05
81825-19	030GI16403	03-16-03/13:10	PENS05

PARAMETER	81825-18	81825-19
Low Level PAH (8270LL)		
Naphthalene, ug/l	0.028U	0.028U
Acenaphthylene, ug/l	0.024U	0.024U
Acenaphthene, ug/l	0.025U	0.025U
Fluorene, ug/l	0.026U	0.026U
Phenanthrene, ug/l	0.025U	0.025U
Anthracene, ug/l	0.031U	0.031U
Fluoranthene, ug/l	0.061U	0.061U
Pyrene, ug/l	0.042U	0.042U
Chrysene, ug/l	0.088U	0.088U
Benzo(a)anthracene, ug/l	0.070U	0.070U
Benzo(b)fluoranthene, ug/l	0.074U	0.074U
Benzo(k)fluoranthene, ug/l	0.058U	0.058U
Benzo(a)pyrene, ug/l	0.060U	0.060U
Indeno(1,2,3-cd)pyrene, ug/l	0.080U	0.080U
Dibenzo(a,h)anthracene, ug/l	0.065U	0.065U
Benzo(g,h,i)perylene, ug/l	0.096U	0.096U
2-Methylnaphthalene, ug/l	0.022U	0.022U
1-Methylnaphthalene, ug/l	0.028U	0.028U
Surrogate - o-Terphenyl	100 %	90 %
Dilution Factor	1	1
Prep Date	03.20.03	03.20.03
Analysis Date	03.27.03	03.27.03
Batch ID	0320G	0320G
Initial Volume	1100	1000
Final Volume	1.00	1.00

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81825
Received: 18 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS05
Sampled By: Client
Code: 093230331

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#

PARAMETER

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • www.stl-inc.com

LOG NO: S3-81825
Received: 18 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS05
Sampled By: Client
Code: 093230331

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81825-20	025GS00103	03-17-03/15:00	PENS05
81825-21	025HS00103	03-17-03/15:00	PENS05

PARAMETER	81825-20	81825-21
TAL Metals (6010)		
Aluminum, ug/l	87B	100B
Antimony, ug/l	3.8U	3.8U
Arsenic, ug/l	3.9U	3.9U
Barium, ug/l	9.6B	9.6B
Beryllium, ug/l	0.10U	0.10U
Cadmium, ug/l	0.40U	0.40U
Calcium, ug/l	41000	40000
Chromium, ug/l	0.90U	0.90U
Cobalt, ug/l	0.70U	0.70U
Copper, ug/l	0.96B	0.80U
Iron, ug/l	43B	60
Lead, ug/l	1.9U	1.9U
Magnesium, ug/l	2900	2900
Manganese, ug/l	0.50U	0.50U
Nickel, ug/l	1.2U	1.2U
Potassium, ug/l	1300	1300
Selenium, ug/l	4.3U	4.5B
Silver, ug/l	1.0U	1.0U
Sodium, ug/l	12000	12000
Thallium, ug/l	6.6U	6.6U
Vanadium, ug/l	1.0U	1.0U

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81825
Received: 18 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS05
Sampled By: Client
Code: 093230331

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81825-20	025GS00103	03-17-03/15:00	PENS05
81825-21	025HS00103	03-17-03/15:00	PENS05

PARAMETER	81825-20	81825-21
Zinc, ug/l	120	120
Dilution Factor	1	1
Prep Date	03.21.03	03.21.03
Analysis Date	03.25.03	03.25.03
Batch ID	0321G	0321G
Initial Volume	50	50
Final Volume	50	50
Mercury (7470)		
Mercury, ug/l	0.10U	0.10U
Dilution Factor	1	1
Prep Date	03.19.03	03.20.03
Analysis Date	03.20.03	03.20.03
Batch ID	0319S	0319S
Initial Volume	50	50
Final Volume	50	50

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81825
Received: 18 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS05
Sampled By: Client
Code: 093230331

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81825-22	027GS00603	03-17-03/11:55	PENS05

PARAMETER	81825-22
TCL Semivolatiles (8270)	
Phenol, ug/l	1.0U
bis(2-Chloroethyl)ether, ug/l	1.0U
2-Chlorophenol, ug/l	0.79U
1,3-Dichlorobenzene, ug/l	1.0U
1,4-Dichlorobenzene, ug/l	1.0U
1,2-Dichlorobenzene, ug/l	1.0U
2-Methylphenol (o-Cresol), ug/l	0.59U
2,2'-Oxybis(1-Chloropropane) (bis-2-chloroisopropyl ether), ug/l	0.58U
3-Methylphenol/4-Methylphen ol (m&p-Cresol), ug/l	1.0U
N-Nitroso-di-n-propylamine, ug/l	1.0U
Hexachloroethane, ug/l	0.70U
Nitrobenzene, ug/l	1.0U
Isophorone, ug/l	1.0U
2-Nitrophenol, ug/l	1.1U
2,4-Dimethylphenol, ug/l	1.1U
bis(2-Chloroethoxy)methane, ug/l	1.0U
2,4-Dichlorophenol, ug/l	0.76U
1,2,4-Trichlorobenzene, ug/l	0.51U
4-Chloroaniline, ug/l	1.0U

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • www.stl-inc.com

LOG NO: S3-81825
Received: 18 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS05
Sampled By: Client
Code: 093230331

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81825-22	027GS00603	03-17-03/11:55	PENS05

PARAMETER	81825-22
Hexachlorobutadiene, ug/l	0.50U
4-Chloro-3-methylphenol, ug/l	1.0U
Hexachlorocyclopentadiene, ug/l	1.1U
2,4,6-Trichlorophenol, ug/l	1.1U
2,4,5-Trichlorophenol, ug/l	1.1U
2-Chloronaphthalene, ug/l	1.0U
2-Nitroaniline, ug/l	0.72U
Dimethylphthalate, ug/l	0.57U
3-Nitroaniline, ug/l	0.64U
2,4-Dinitrophenol, ug/l	10U
4-Nitrophenol, ug/l	5.0U
Dibenzofuran, ug/l	1.0U
2,4-Dinitrotoluene, ug/l	1.1U
2,6-Dinitrotoluene, ug/l	0.87U
Diethylphthalate, ug/l	1.0U
4-Chlorophenylphenyl ether, ug/l	0.70U
4-Nitroaniline, ug/l	0.86U
4,6-Dinitro-2-methylphenol, ug/l	10U
N-Nitrosodiphenylamine, ug/l	1.0U
4-Bromophenylphenyl ether, ug/l	1.0U
Hexachlorobenzene, ug/l	0.61U
Pentachlorophenol, ug/l	2.0U
Di-n-butylphthalate, ug/l	1.0U

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • www.stl-inc.com

LOG NO: S3-81825
Received: 18 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS05
Sampled By: Client
Code: 093230331

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81825-22	027GS00603	03-17-03/11:55	PENS05

PARAMETER	81825-22
Butylbenzylphthalate, ug/l	0.74U
3,3'-Dichlorobenzidine, ug/l	1.0U
bis(2-Ethylhexyl)phthalate, ug/l	2.4U
Di-n-octylphthalate, ug/l	1.2U
Carbazole, ug/l	0.54U
Surrogate - Phenol-d5	77 %
Surrogate - 2-Fluorophenol	76 %
Surrogate - 2,4,6-Tribromophenol	91 %
Surrogate - Nitrobenzene-d5	89 %
Surrogate - 2-Fluorobiphenyl	89 %
Surrogate - Terphenyl-d14	62 %
Dilution Factor	1
Prep Date	03.19.03
Analysis Date	03.23.03
Batch ID	0319D
Initial Volume	900
Final Volume	1.00

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81825
Received: 18 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS05
Sampled By: Client
Code: 093230331

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81825-22	027GS00603	03-17-03/11:55	PENS05

PARAMETER	81825-22
Low Level PAH (8270LL)	
Naphthalene, ug/l	0.028U
Acenaphthylene, ug/l	0.024U
Acenaphthene, ug/l	0.025U
Fluorene, ug/l	0.026U
Phenanthrene, ug/l	0.025U
Anthracene, ug/l	0.031U
Fluoranthene, ug/l	0.061U
Pyrene, ug/l	0.042U
Chrysene, ug/l	0.088U
Benzo(a)anthracene, ug/l	0.070U
Benzo(b)fluoranthene, ug/l	0.074U
Benzo(k)fluoranthene, ug/l	0.058U
Benzo(a)pyrene, ug/l	0.060U
Indeno(1,2,3-cd)pyrene, ug/l	0.080U
Dibenzo(a,h)anthracene, ug/l	0.065U
Benzo(g,h,i)perylene, ug/l	0.096U
2-Methylnaphthalene, ug/l	0.022U
1-Methylnaphthalene, ug/l	0.028U
Surrogate - o-Terphenyl	100 %
Dilution Factor	1
Prep Date	03.20.03
Analysis Date	03.27.03
Batch ID	0320G
Initial Volume	980
Final Volume	1.00

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81825
Received: 18 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS05
Sampled By: Client
Code: 093230331

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81825-23	Method Detection Limit (MDL)		PENS05
81825-24	Reporting Limit (RL)		PENS05
81825-25	Method Blank		PENS05
81825-26	Lab Control Standard % Recovery		PENS05
81825-31	Method Blank		PENS05

PARAMETER	81825-23	81825-24	81825-25	81825-26	81825-31
TCL Semivolatiles (8270)					---
Phenol, ug/l	1.0	10	1.0U	84 %	---
bis(2-Chloroethyl)ether, ug/l	1.0	10	1.0U	---	---
2-Chlorophenol, ug/l	0.79	10	0.79U	100 %	---
1,3-Dichlorobenzene, ug/l	1.0	10	1.0U	---	---
1,4-Dichlorobenzene, ug/l	1.0	10	1.0U	80 %	---
1,2-Dichlorobenzene, ug/l	1.0	10	1.0U	---	---
2-Methylphenol (o-Cresol), ug/l	0.59	10	0.59U	---	---
2,2'-Oxybis(1-Chloropropane) (bis-2-chloroisopropyl ether), ug/l	0.58	10	0.58U	---	---
3-Methylphenol/4-Methylphen ol (m&p-Cresol), ug/l	1.0	10	1.0U	---	---
N-Nitroso-di-n-propylamine, ug/l	1.0	10	1.0U	104 %	---
Hexachloroethane, ug/l	0.70	10	0.70U	---	---
Nitrobenzene, ug/l	1.0	10	1.0U	---	---
Isophorone, ug/l	1.0	10	1.0U	---	---
2-Nitrophenol, ug/l	1.1	10	1.1U	---	---
2,4-Dimethylphenol, ug/l	1.1	10	1.1U	---	---

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81825
Received: 18 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS05
Sampled By: Client
Code: 093230331

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81825-23	Method Detection Limit (MDL)		PENS05
81825-24	Reporting Limit (RL)		PENS05
81825-25	Method Blank		PENS05
81825-26	Lab Control Standard % Recovery		PENS05
81825-31	Method Blank		PENS05

PARAMETER	81825-23	81825-24	81825-25	81825-26	81825-31
bis(2-Chloroethoxy)methane, ug/l	1.0	10	1.0U	---	---
2,4-Dichlorophenol, ug/l	0.76	10	0.76U	---	---
1,2,4-Trichlorobenzene, ug/l	0.51	10	0.51U	76 %	---
4-Chloroaniline, ug/l	1.0	20	1.0U	---	---
Hexachlorobutadiene, ug/l	0.50	10	0.50U	---	---
4-Chloro-3-methylphenol, ug/l	1.0	10	1.0U	98 %	---
Hexachlorocyclopentadiene, ug/l	1.1	10	1.1U	---	---
2,4,6-Trichlorophenol, ug/l	1.1	10	1.1U	---	---
2,4,5-Trichlorophenol, ug/l	1.1	10	1.1U	---	---
2-Chloronaphthalene, ug/l	1.0	10	1.0U	---	---
2-Nitroaniline, ug/l	0.72	50	0.72U	---	---
Dimethylphthalate, ug/l	0.57	10	0.57U	---	---
3-Nitroaniline, ug/l	0.64	50	0.64U	---	---
2,4-Dinitrophenol, ug/l	10	50	10U	---	---
4-Nitrophenol, ug/l	5.0	50	5.0U	92 %	---
Dibenzofuran, ug/l	1.0	10	1.0U	---	---
2,4-Dinitrotoluene, ug/l	1.1	10	1.1U	82 %	---
2,6-Dinitrotoluene, ug/l	0.87	10	0.87U	---	---
Diethylphthalate, ug/l	1.0	10	1.0U	---	---

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81825
Received: 18 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS05
Sampled By: Client
Code: 093230331

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81825-23	Method Detection Limit (MDL)		PENS05
81825-24	Reporting Limit (RL)		PENS05
81825-25	Method Blank		PENS05
81825-26	Lab Control Standard % Recovery		PENS05
81825-31	Method Blank		PENS05

PARAMETER	81825-23	81825-24	81825-25	81825-26	81825-31
4-Chlorophenylphenyl ether, ug/l	0.70	10	0.70U	---	---
4-Nitroaniline, ug/l	0.86	50	0.86U	---	---
4,6-Dinitro-2-methylphenol, ug/l	10	50	10U	---	---
N-Nitrosodiphenylamine, ug/l	1.0	10	1.0U	---	---
4-Bromophenylphenyl ether, ug/l	1.0	10	1.0U	---	---
Hexachlorobenzene, ug/l	0.61	10	0.61U	---	---
Pentachlorophenol, ug/l	2.0	50	2.0U	91 %	---
Di-n-butylphthalate, ug/l	1.0	10	1.0U	---	---
Butylbenzylphthalate, ug/l	0.74	10	0.74U	---	---
3,3'-Dichlorobenzidine, ug/l	1.0	20	1.0U	---	---
bis(2-Ethylhexyl)phthalate, ug/l	2.4	10	2.4U	---	---
Di-n-octylphthalate, ug/l	1.2	10	1.2U	---	---
Carbazole, ug/l	0.54	10	0.54U	---	---
Surrogate - Phenol-d5	NA	NA	85 %	84 %	---
Surrogate - 2-Fluorophenol	NA	NA	81 %	82 %	---
Surrogate - 2,4,6-Tribromophenol	NA	NA	96 %	98 %	---
Surrogate - Nitrobenzene-d5	NA	NA	92 %	98 %	---
Surrogate - 2-Fluorobiphenyl	NA	NA	96 %	102 %	---
Surrogate - Terphenyl-d14	NA	NA	86 %	82 %	---

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81825
Received: 18 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS05
Sampled By: Client
Code: 093230331

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81825-23	Method Detection Limit (MDL)		PENS05
81825-24	Reporting Limit (RL)		PENS05
81825-25	Method Blank		PENS05
81825-26	Lab Control Standard % Recovery		PENS05
81825-31	Method Blank		PENS05

PARAMETER	81825-23	81825-24	81825-25	81825-26	81825-31
Dilution Factor	---	---	1	1	---
Prep Date	---	---	03.19.03	03.19.03	---
Analysis Date	---	---	03.23.03	03.23.03	---
Batch ID	---	---	0319D	0319D	---
Initial Volume	---	---	1000	---	---
Final Volume	---	---	1.00	---	---

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81825
Received: 18 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS05
Sampled By: Client
Code: 093230331

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81825-23	Method Detection Limit (MDL)		PENS05
81825-24	Reporting Limit (RL)		PENS05
81825-25	Method Blank		PENS05
81825-26	Lab Control Standard % Recovery		PENS05
81825-31	Method Blank		PENS05

PARAMETER	81825-23	81825-24	81825-25	81825-26	81825-31
Low Level PAH (8270LL)					---
Naphthalene, ug/l	0.028	0.028	0.028U	85 %	---
Acenaphthylene, ug/l	0.024	0.024	0.024U	---	---
Acenaphthene, ug/l	0.025	0.025	0.025U	90 %	---
Fluorene, ug/l	0.026	0.026	0.026U	95 %	---
Phenanthrene, ug/l	0.025	0.025	0.025U	---	---
Anthracene, ug/l	0.031	0.031	0.031U	---	---
Fluoranthene, ug/l	0.061	0.061	0.061U	---	---
Pyrene, ug/l	0.042	0.042	0.042U	105 %	---
Chrysene, ug/l	0.088	0.088	0.088U	---	---
Benzo(a)anthracene, ug/l	0.070	0.070	0.070U	---	---
Benzo(b)fluoranthene, ug/l	0.074	0.074	0.074U	---	---
Benzo(k)fluoranthene, ug/l	0.058	0.058	0.058U	---	---
Benzo(a)pyrene, ug/l	0.060	0.060	0.060U	95 %	---
Indeno(1,2,3-cd)pyrene, ug/l	0.080	0.080	0.080U	---	---
Dibenzo(a,h)anthracene, ug/l	0.065	0.065	0.065U	---	---
Benzo(g,h,i)perylene, ug/l	0.096	0.096	0.096U	---	---
2-Methylnaphthalene, ug/l	0.022	0.022	0.022U	---	---
1-Methylnaphthalene, ug/l	0.028	0.028	0.028U	---	---

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • www.stl-inc.com

LOG NO: S3-81825
Received: 18 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS05
Sampled By: Client
Code: 093230331

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81825-23	Method Detection Limit (MDL)		PENS05
81825-24	Reporting Limit (RL)		PENS05
81825-25	Method Blank		PENS05
81825-26	Lab Control Standard % Recovery		PENS05
81825-31	Method Blank		PENS05

PARAMETER	81825-23	81825-24	81825-25	81825-26	81825-31
Surrogate - o-Terphenyl	NA	---	125 %	110 %	---
Dilution Factor	---	---	1	1	---
Prep Date	---	---	03.20.03	03.20.03	---
Analysis Date	---	---	03.22.03	03.22.03	---
Batch ID	---	---	0320G	0320G	---
Initial Volume	---	---	1000	---	---
Final Volume	---	---	1.00	---	---

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • www.stl-inc.com

LOG NO: S3-81825
Received: 18 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS05
Sampled By: Client
Code: 093230331

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81825-23	Method Detection Limit (MDL)		PENS05
81825-24	Reporting Limit (RL)		PENS05
81825-25	Method Blank		PENS05
81825-26	Lab Control Standard % Recovery		PENS05
81825-31	Method Blank		PENS05

PARAMETER	81825-23	81825-24	81825-25	81825-26	81825-31
Volatiles by GC/MS (8260)					
Chloromethane, ug/l	0.40	1.0	0.40U	---	0.40U
Bromomethane (Methyl bromide), ug/l	0.49	1.0	0.49U	---	0.49U
Vinyl chloride, ug/l	0.13	1.0	0.13U	---	0.13U
Chloroethane, ug/l	0.86	1.0	0.86U	---	0.86U
Methylene chloride (Dichloromethane), ug/l	0.61	5.0	0.61U	---	0.61U
Acetone, ug/l	2.3	25	2.3U	---	2.3U
Carbon disulfide, ug/l	0.72	1.0	0.72U	---	0.72U
1,1-Dichloroethene, ug/l	0.31	1.0	0.31U	96 %	0.31U
1,1-Dichloroethane, ug/l	0.12	1.0	0.12U	---	0.12U
cis-1,2-Dichloroethene, ug/l	0.16	1.0	0.16U	---	0.16U
trans-1,2-Dichloroethene, ug/l	0.36	1.0	0.36U	---	0.36U
Chloroform, ug/l	0.12	1.0	0.12U	---	0.12U
1,2-Dichloroethane, ug/l	0.18	1.0	0.18U	---	0.18U
2-Butanone (MEK), ug/l	0.48	10	0.48U	---	0.48U
1,1,1-Trichloroethane, ug/l	0.065	1.0	0.065U	---	0.065U
Carbon tetrachloride, ug/l	0.15	1.0	0.15U	---	0.15U

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81825
Received: 18 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS05
Sampled By: Client
Code: 093230331

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81825-23	Method Detection Limit (MDL)		PENS05
81825-24	Reporting Limit (RL)		PENS05
81825-25	Method Blank		PENS05
81825-26	Lab Control Standard % Recovery		PENS05
81825-31	Method Blank		PENS05

PARAMETER	81825-23	81825-24	81825-25	81825-26	81825-31
Bromodichloromethane, ug/l	0.18	1.0	0.18U	---	0.18U
1,1,2,2-Tetrachloroethane, ug/l	0.17	1.0	0.17U	---	0.17U
1,2-Dichloropropane, ug/l	0.17	1.0	0.17U	---	0.17U
trans-1,3-Dichloropropene, ug/l	0.15	1.0	0.15U	---	0.15U
Trichloroethene, ug/l	0.13	1.0	0.14J	106 %	0.13U
Dibromochloromethane, ug/l	0.078	1.0	0.078U	---	0.078U
1,1,2-Trichloroethane, ug/l	0.11	1.0	0.11U	---	0.11U
Benzene, ug/l	0.096	1.0	0.096U	104 %	0.096U
cis-1,3-Dichloropropene, ug/l	0.12	1.0	0.12U	---	0.12U
Bromoform, ug/l	0.19	1.0	0.19U	---	0.19U
2-Hexanone, ug/l	0.29	10	0.29U	---	0.29U
4-Methyl-2-pentanone (MIBK), ug/l	0.27	10	0.27U	---	0.27U
Tetrachloroethene, ug/l	0.43	1.0	0.43U	---	0.43U
Toluene, ug/l	0.065	1.0	0.12J	106 %	0.088J
Chlorobenzene, ug/l	0.10	1.0	0.10U	96 %	0.10U
Ethylbenzene, ug/l	0.11	1.0	0.11U	---	0.11U
Styrene, ug/l	0.050	1.0	0.050U	---	0.050U
Xylenes, Total, ug/l	0.28	2.0	0.28U	---	0.28U
Surrogate - Toluene-d8	NA	104 %	104 %	108 %	104 %

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81825
Received: 18 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS05
Sampled By: Client
Code: 093230331

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81825-23	Method Detection Limit (MDL)		PENS05
81825-24	Reporting Limit (RL)		PENS05
81825-25	Method Blank		PENS05
81825-26	Lab Control Standard % Recovery		PENS05
81825-31	Method Blank		PENS05

PARAMETER	81825-23	81825-24	81825-25	81825-26	81825-31
Surrogate - 4-Bromofluorobenzene	NA	100 %	100 %	104 %	98 %
Surrogate - Dibromofluoromethane	NA	100 %	100 %	96 %	98 %
Dilution Factor	---	---	1	1	1
Prep Date	---	---	03.26.03	03.26.03	03.27.03
Analysis Date	---	---	03.26.03	03.26.03	03.27.03
Batch ID	---	---	1B0326	1B0326	1B0327
Initial Volume	---	---	5.00	---	5.00
Final Volume	---	---	5.00	---	5.00

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • www.stl-inc.com

LOG NO: S3-81825
Received: 18 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS05
Sampled By: Client
Code: 093230331

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81825-32	Lab Control Standard % Recovery		PENS05

PARAMETER	81825-32
Volatiles by GC/MS (8260)	
1,1-Dichloroethene	86 %
Trichloroethene	102 %
Benzene	100 %
Toluene	104 %
Chlorobenzene	92 %
Surrogate - Toluene-d8	104 %
Surrogate - 4-Bromofluorobenzene	98 %
Surrogate - Dibromofluoromethane	92 %
Dilution Factor	1
Prep Date	03.27.03
Analysis Date	03.27.03
Batch ID	1B0327

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81825
Received: 18 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS05
Sampled By: Client
Code: 093230331

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81825-27	Instrument Detection Limit (IDL)		PENS05
81825-28	Reporting Limit (RL)		PENS05
81825-29	Method Blank		PENS05
81825-30	Lab Control Standard % Recovery		PENS05

PARAMETER	81825-27	81825-28	81825-29	81825-30
TAL Metals (6010)				
Aluminum, ug/l	11	200	17B	107 %
Antimony, ug/l	3.8	20	3.8U	105 %
Arsenic, ug/l	3.9	10	3.9U	103 %
Barium, ug/l	0.50	10	0.50U	107 %
Beryllium, ug/l	0.10	4.0	0.10U	106 %
Cadmium, ug/l	0.40	5.0	0.40U	106 %
Calcium, ug/l	6.4	500	8.0B	105 %
Chromium, ug/l	0.90	10	0.90U	106 %
Cobalt, ug/l	0.70	10	0.70U	106 %
Copper, ug/l	0.80	20	0.80U	108 %
Iron, ug/l	16	50	16U	103 %
Lead, ug/l	1.9	5.0	1.9U	105 %
Magnesium, ug/l	7.4	500	7.4U	103 %
Manganese, ug/l	0.50	10	0.50U	107 %
Nickel, ug/l	1.2	40	1.2U	107 %
Potassium, ug/l	17	1000	17U	107 %
Selenium, ug/l	4.3	10	4.3U	105 %
Silver, ug/l	1.0	10	1.0U	105 %
Sodium, ug/l	170	500	170U	98 %

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • www.stl-inc.com

LOG NO: S3-81825
Received: 18 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS05
Sampled By: Client
Code: 093230331

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81825-27	Instrument Detection Limit (IDL)		PENS05
81825-28	Reporting Limit (RL)		PENS05
81825-29	Method Blank		PENS05
81825-30	Lab Control Standard % Recovery		PENS05

PARAMETER	81825-27	81825-28	81825-29	81825-30
Thallium, ug/l	6.6	10	6.6U	107 %
Vanadium, ug/l	1.0	10	1.0U	104 %
Zinc, ug/l	1.8	20	1.8U	106 %
Dilution Factor	---	---	1	1
Prep Date	---	---	03.21.03	03.21.03
Analysis Date	---	---	03.24.03	03.24.03
Batch ID	---	---	0321G	0321G
Initial Volume	---	---	50	---
Final Volume	---	---	50	---
Mercury (7470)				
Mercury, ug/l	0.10	0.20	0.10U	96 %
Dilution Factor	---	---	1	1
Prep Date	---	---	03.19.03	03.19.03
Analysis Date	---	---	03.20.03	03.20.03
Batch ID	---	---	0319S	0319S
Initial Volume	---	---	50	---
Final Volume	---	---	50	---

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81825
Received: 18 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS05
Sampled By: Client
Code: 093230331

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
PARAMETER			

These test results meet all the requirements of NELAC. All questions regarding this test report should be directed to the STL Project Manager who signed this test report.
SW-846, Test Methods for Evaluating Solid Waste, Third Edition, September 1986, and Updates I, II, IIA, IIB, and III.

U = Indicates compound was analyzed for but not detected.

J = The flag "J" indicates the presence of a compound that meets the identification criteria, but the result is less than the sample RL and greater than the MDL.
E (Organic) = Result exceeded the upper calibration limit.

D = Result is from a secondary dilution.

B (Organic) = This flag is used when the analyte is found in the associated method blank as well as in the sample.

B (Inorganic) = This flag indicates the reported value was obtained from a reading that was less than the Project Reporting Limits but greater than or equal to the Method Detection Limit (MDL).

Linda A Wolfe
Linda A. Wolfe, Project Manager

Final Page Of Report

FEDEX ~~8359 4080 1301~~ 8359 4080 1275

Serial Number 03003

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

SEVERN TRENT **STL**

(X) STL Savannah
5102 LaRoche Avenue
Savannah, GA 31404

Website: www.stl-inc.com
Phone: (912) 354-7858
Fax: (912) 352-0165

( ) Alternate Laboratory Name/Location

Phone:
Fax:

PROJECT REFERENCE: NASP-OU2	PROJECT NO.	PROJECT LOCATION (STATE): FL	PAGE 2 OF 2
STL (LAB) PROJECT MANAGER: LINDA WOLFE	P.O. NUMBER	CONTRACT NO.	STANDARD REPORT DELIVERY (X) DATE DUE
CLIENT (SITE) PM: ALLISON HARRIS	CLIENT PHONE: 901 372 7962	CLIENT FAX: 372 2454	EXPEDITED REPORT DELIVERY (SURCHARGE) ( ) DATE DUE
CLIENT NAME: ENSAFE	CLIENT E-MAIL		
CLIENT ADDRESS: 5724 SUMMER TREES MEMPHIS TN 38134			
COMPANY CONTRACTING THIS WORK (if applicable)			NUMBER OF COOLERS SUBMITTED PER SHIPMENT:

MATRIX TYPE: COMPOSITE (C) OR GRAB (G) INDICATE; AQUEOUS (WATER); SOLID OR SEMISOLID; AIR; NONAQUEOUS LIQUID (OIL, SOLVENT,...)

REQUIRED ANALYSIS / NUMBER OF CONTAINERS SUBMITTED

SAMPLE DATE	SAMPLE TIME	SAMPLE IDENTIFICATION	COMPOSITE (C) OR GRAB (G) INDICATE	AQUEOUS (WATER)	SOLID OR SEMISOLID	AIR	NONAQUEOUS LIQUID (OIL, SOLVENT,...)	VOCs (HCL)	SVOC/PAH (-)	METALS (HNO3)	PEST/PCBs (-)							REMARKS
3/17/03	1155	027GS00603		X					X									
	1200	027GS00503		X				X										
	1330	030GS11103		X				X	X	X								
	1110	030GI11103		X				X	X	X								
	1500	027GS00403		X				X										
	1505	025GI0020Z 3 per phone Handy 3/18/03 J Wolfe		X				X										
	1505	025HI0020Z 3		X				X										
	1350	025GI00103		X				X										2-40ml ONLY-1 BROKE
	1500	025GS00103		X						X								
	1500	025HS00103		X						X								
	1420	027GS01003		X				X		X								

3/17/03 [signature]

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
[signature]	3/17/03	1700						
RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME
EMPTY CONTAINERS								

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT	CUSTODY SEAL NO.	STL SAVANNAH LOG NO.	LABORATORY REMARKS
[signature]	031803	0938	YES ( ) NO ( )		S381825	

STL8240-680 (12/02)

FEDEX ~~8359 4080 1301~~ 8359 4080 1275 Serial Number 03000

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

SEVERN TRENT **STL**

STL Savannah
5102 LaRoche Avenue
Savannah, GA 31404
Website: www.stl-inc.com
Phone: (912) 354-7858
Fax: (912) 352-0165

Alternate Laboratory Name/Location
Phone:
Fax:

PROJECT REFERENCE	PROJECT NO.	PROJECT LOCATION (STATE)
NAS DENSAUGA-OU2		FL
STL (LAB) PROJECT MANAGER	P.O. NUMBER	CONTRACT NO.
CLIENT (SITE) PM: ALLISON HARRIS	CLIENT PHONE: 901 372 7962	CLIENT FAX: 372 2454
CLIENT NAME: ENSAFE	CLIENT E-MAIL	
CLIENT ADDRESS: 3724 SUMMER TREES DR MEMPHIS TN 38138		
COMPANY CONTRACTING THIS WORK (if applicable)		

PAGE 1 OF 2

STANDARD REPORT DELIVERY ⊘
DATE DUE
EXPEDITED REPORT DELIVERY (SURCHARGE) ○
DATE DUE
NUMBER OF COOLERS SUBMITTED PER SHIPMENT:

SAMPLE DATE	SAMPLE TIME	SAMPLE IDENTIFICATION	MATRIX: COMPOSITE (C) OR GRAB (G) INDICATE	MATRIX: AQUEOUS (WATER)	MATRIX: SOLID OR SEMISOLID	MATRIX: AIR	MATRIX: NONAQUEOUS LIQUID (OIL, SOLVENT,...)	REQUIRED ANALYSIS: NUMBER OF CONTAINERS SUBMITTED: VOCs (HCl)	METALS	SVOCs IPAHs	PEST/PCBs	REMARKS
3/15/03	1000	030GMW0303	G	X				X		X		
	1145	030GS12603	G	X				X	X			
	1325	030GS02803	G	X				X	X			
	1415	030GS14603	G	X				X				
3/16/03	1045	011GS00903	G	X				X	X	X		
	1115	011GI01003	G	X				X	X			
	1215	030GS16203	G	X				X				
	1215	030HS16203	G	X				X				
	1310	030GI16403	G	X				X		X		
	1430	027GI00403	G	X				X				
3/15/03	0800	059TB31503	G	X				X				

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
	3/17/03	1700						
RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME

3/17/03

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT YES ○ NO ○	CUSTODY SEAL NO.	STL SAVANNAH LOG NO.	LABORATORY REMARKS
	031803	0938			S38182S	

STL8240-680 (12/02)

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81825A
Received: 18 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS06
Sampled By: Client
Code: 16383041

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE/ TIME SAMPLED	SDG#
81825A-1	012S000814	03-17-03/14:00	PENS06
81825A-2	012S000315	03-17-03/15:00	PENS06
81825A-3	030S012304	03-15-03/11:30	PENS06
81825A-4	030C012304	03-15-03/11:30	PENS06

PARAMETER	81825A-1	81825A-2	81825A-3	81825A-4
TCL Pesticides (8081)				
alpha-BHC, ug/kg dw	0.25U	0.25U	0.26U	0.25U
beta-BHC, ug/kg dw	0.30U	0.30U	0.31U	0.30U
delta-BHC, ug/kg dw	0.12U	0.13U	0.13U	0.13U
gamma-BHC (Lindane), ug/kg dw	0.16U	0.16U	0.16U	0.16U
Heptachlor, ug/kg dw	0.29U	0.29U	0.30U	0.29U
Aldrin, ug/kg dw	0.11U	0.12U	0.12U	0.12U
Heptachlor epoxide, ug/kg dw	0.18U	0.18U	0.18U	0.18U
Endosulfan I, ug/kg dw	0.18U	0.18U	0.18U	0.18U
Dieldrin, ug/kg dw	1.6P	0.33U	0.33P	0.33U
4,4'-DDE, ug/kg dw	8.7	0.57U	0.57U	0.57U
Endrin, ug/kg dw	0.45U	0.45U	0.46U	0.45U
Endrin aldehyde, ug/kg dw	0.32U	0.33U	0.33U	0.33U
Endosulfan II, ug/kg dw	0.23U	0.23U	0.23U	0.23U
4,4'-DDD, ug/kg dw	0.36U	0.37U	0.37U	0.37U
Endosulfan sulfate, ug/kg dw	0.46U	0.46U	0.47U	0.46U
4,4'-DDT, ug/kg dw	14	0.33U	0.33U	0.33U
Endrin ketone, ug/kg dw	0.40U	0.40U	0.40U	0.40U

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81825A
Received: 18 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS06
Sampled By: Client
Code: 16383041

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE/ TIME SAMPLED	SDG#
81825A-1	012S000814	03-17-03/14:00	PENS06
81825A-2	012S000315	03-17-03/15:00	PENS06
81825A-3	030S012304	03-15-03/11:30	PENS06
81825A-4	030C012304	03-15-03/11:30	PENS06

PARAMETER	81825A-1	81825A-2	81825A-3	81825A-4
Methoxychlor, ug/kg dw	0.21U	0.21U	0.21U	0.21U
alpha-Chlordane, ug/kg dw	0.11U	0.12U	0.12U	0.12U
gamma-Chlordane, ug/kg dw	0.14U	0.14U	0.14U	0.14U
Toxaphene, ug/kg dw	34U	35U	35U	35U
Surrogate - DCB	82 %	78 %	78 %	94 %
Surrogate - 2,4,5,6-Tetrachloro-m-xylene (TCMX)	70 %	67 %	67 %	54 %
Dilution Factor	1	1	1	1
Prep Date	03.20.03	03.20.03	03.20.03	03.20.03
Analysis Date	03.28.03	03.29.03	03.25.03	03.25.03
Batch ID	03200	03200	03200	03200
Initial Volume	30.0	30.0	30.0	30.0
Final Volume	10.0	10.0	10.0	10.0

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81825A
Received: 18 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS06
Sampled By: Client
Code: 12363041

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE/ TIME SAMPLED	SDG#
81825A-1	012S000814	03-17-03/14:00	PENS06
81825A-2	012S000315	03-17-03/15:00	PENS06
81825A-3	030S012304	03-15-03/11:30	PENS06
81825A-4	030C012304	03-15-03/11:30	PENS06

PARAMETER	81825A-1	81825A-2	81825A-3	81825A-4
PCB's (8082)				
Aroclor-1016, ug/kg dw	4.1U	4.1U	4.1U	4.1U
Aroclor-1221, ug/kg dw	18U	18U	18U	18U
Aroclor-1232, ug/kg dw	7.0U	7.0U	7.1U	7.0U
Aroclor-1242, ug/kg dw	7.0U	7.0U	7.1U	7.0U
Aroclor-1248, ug/kg dw	6.8U	6.8U	6.9U	6.8U
Aroclor-1254, ug/kg dw	7.0U	7.0U	7.1U	7.0U
Aroclor-1260, ug/kg dw	120	4.6U	4.7U	4.6U
Surrogate - TCX	70 %	67 %	67 %	54 %
Surrogate - DCB	82 %	78 %	78 %	94 %
Dilution Factor	1	1	1	1
Prep Date	03.20.03	03.20.03	03.20.03	03.20.03
Analysis Date	03.28.03	03.29.03	03.25.03	03.25.03
Batch ID	03200	03200	03200	03200
Initial Volume	30.0	30.0	30.0	30.0
Final Volume	10.0	10.0	10.0	10.0

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • www.stl-inc.com

LOG NO: S3-81825A
Received: 18 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS06
Sampled By: Client
Code: 16383041

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE/ TIME SAMPLED	SDG#
81825A-1	012S000814	03-17-03/14:00	PENS06
81825A-2	012S000315	03-17-03/15:00	PENS06
81825A-3	030S012304	03-15-03/11:30	PENS06
81825A-4	030C012304	03-15-03/11:30	PENS06

PARAMETER	81825A-1	81825A-2	81825A-3	81825A-4
TCL Pesticides - SPLP (SPLP8081)				
alpha-BHC, ug/l	0.0035U	0.0035U	0.0035U	0.0035U
beta-BHC, ug/l	0.0035U	0.0035U	0.0035U	0.0035U
delta-BHC, ug/l	0.0090U	0.0090U	0.0090U	0.0090U
gamma-BHC (Lindane), ug/l	0.0030U	0.0030U	0.0030U	0.0030U
Heptachlor, ug/l	0.014U	0.014U	0.014U	0.014U
Aldrin, ug/l	0.0086U	0.0086U	0.0086U	0.0086U
Heptachlor epoxide, ug/l	0.0026U	0.0026U	0.0026U	0.0026U
Endosulfan I, ug/l	0.0099U	0.0099U	0.0099U	0.0099U
Dieldrin, ug/l	0.0060U	0.0060U	0.0060U	0.0060U
4,4'-DDE, ug/l	0.010U	0.010U	0.010U	0.010U
Endrin, ug/l	0.0097U	0.0097U	0.0097U	0.0097U
Endosulfan II, ug/l	0.0084U	0.0084U	0.0084U	0.0084U
4,4'-DDD, ug/l	0.016U	0.016U	0.016U	0.016U
Endosulfan sulfate, ug/l	0.0085U	0.0085U	0.0085U	0.0085U
4,4'-DDT, ug/l	0.014U	0.014U	0.014U	0.014U
Methoxychlor, ug/l	0.0070U	0.0070U	0.0070U	0.0070U
Endrin ketone, ug/l	0.0072U	0.0072U	0.0072U	0.0072U
Endrin aldehyde, ug/l	0.014U	0.014U	0.014U	0.014U
alpha-Chlordane, ug/l	0.0084U	0.0084U	0.0084U	0.0084U

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • www.stl-inc.com

LOG NO: S3-81825A
Received: 18 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS06
Sampled By: Client
Code: 16383041

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE/ TIME SAMPLED	SDG#
81825A-1	012S000814	03-17-03/14:00	PENS06
81825A-2	012S000315	03-17-03/15:00	PENS06
81825A-3	030S012304	03-15-03/11:30	PENS06
81825A-4	030C012304	03-15-03/11:30	PENS06

PARAMETER	81825A-1	81825A-2	81825A-3	81825A-4
gamma-Chlordane, ug/l	0.0070U	0.0070U	0.0070U	0.0070U
Toxaphene, ug/l	0.77U	0.77U	0.77U	0.77U
Surrogate - 2,4,5,6-Tetrachloro-m-xylene (TCMX)	55 %	60 %	57 %	58 %
Surrogate - DCB	66 %	42 %	59 %	40 %
Dilution Factor	1	1	1	1
Prep Date	03.20.03	03.20.03	03.20.03	03.20.03
Analysis Date	03.25.03	03.25.03	03.25.03	03.25.03
Batch ID	0320Q	0320Q	0320Q	0320Q
Initial Volume	1060	1050	1020	1040
Final Volume	10.0	10.0	10.0	10.0

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81825A
Received: 18 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS06
Sampled By: Client
Code: 12363041

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE/ TIME SAMPLED	SDG#
81825A-1	012S000814	03-17-03/14:00	PENS06
81825A-2	012S000315	03-17-03/15:00	PENS06
81825A-3	030S012304	03-15-03/11:30	PENS06
81825A-4	030C012304	03-15-03/11:30	PENS06

PARAMETER	81825A-1	81825A-2	81825A-3	81825A-4
PCB's (SPLP) (8082)				
Aroclor-1016, ug/l	0.11U	0.11U	0.11U	0.11U
Aroclor-1221, ug/l	0.50U	0.50U	0.50U	0.50U
Aroclor-1232, ug/l	0.18U	0.18U	0.18U	0.18U
Aroclor-1242, ug/l	0.14U	0.14U	0.14U	0.14U
Aroclor-1248, ug/l	0.11U	0.11U	0.11U	0.11U
Aroclor-1254, ug/l	0.20U	0.20U	0.20U	0.20U
Aroclor-1260, ug/l	0.11U	0.11U	0.11U	0.11U
Surrogate - TCX	55 %	60 %	57 %	58 %
Surrogate - DCB	66 %	42 %	59 %	40 %
Dilution Factor	1	1	1	1
Prep Date	03.20.03	03.20.03	03.20.03	03.20.03
Analysis Date	03.25.03	03.25.03	03.25.03	03.25.03
Batch ID	0320Q	0320Q	0320Q	0320Q
Initial Volume	1060	1050	1020	1040
Final Volume	10.0	10.0	10.0	10.0
Percent Solids	96	95	94	95

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81825A
Received: 18 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS06
Sampled By: Client
Code: 12363041

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE/ TIME SAMPLED	SDG#
81825A-5	025S000814	03-17-03/11:45	PENS06
81825A-6	025S000514	03-17-03/13:00	PENS06
81825A-7	030S000608	03-15-03/10:35	PENS06
81825A-8	030S001212	03-15-03/10:00	PENS06
81825A-9	030C001212	03-15-03/10:00	PENS06

PARAMETER	81825A-5	81825A-6	81825A-7	81825A-8	81825A-9
TCL Semivolatiles (8270)					
Phenol, ug/kg dw	44U	44U	46U	43U	44U
bis(2-Chloroethyl)ether, ug/kg dw	39U	40U	41U	39U	39U
2-Chlorophenol, ug/kg dw	44U	44U	46U	43U	44U
1,3-Dichlorobenzene, ug/kg dw	24U	25U	26U	24U	24U
1,4-Dichlorobenzene, ug/kg dw	26U	26U	27U	25U	26U
1,2-Dichlorobenzene, ug/kg dw	24U	25U	26U	24U	24U
2-Methylphenol (o-Cresol), ug/kg dw	49U	49U	51U	48U	49U
2,2'-Oxybis(1-Chloropropane) (bis-2-chloroisopropyl ether), ug/kg dw	34U	34U	36U	34U	34U
3-Methylphenol/4-Methylphen ol (m&p-Cresol), ug/kg dw	42U	43U	44U	42U	42U
N-Nitroso-di-n-propylamine, ug/kg dw	32U	32U	33U	32U	32U
Hexachloroethane, ug/kg dw	20U	20U	21U	20U	20U
Nitrobenzene, ug/kg dw	33U	33U	34U	33U	33U
Isophorone, ug/kg dw	28U	28U	29U	27U	28U
2-Nitrophenol, ug/kg dw	28U	28U	29U	27U	28U

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81825A
Received: 18 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS06
Sampled By: Client
Code: 12363041

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE/ TIME SAMPLED	SDG#
81825A-5	025S000814	03-17-03/11:45	PENS06
81825A-6	025S000514	03-17-03/13:00	PENS06
81825A-7	030S000608	03-15-03/10:35	PENS06
81825A-8	030S001212	03-15-03/10:00	PENS06
81825A-9	030C001212	03-15-03/10:00	PENS06

PARAMETER	81825A-5	81825A-6	81825A-7	81825A-8	81825A-9
2,4-Dimethylphenol, ug/kg dw	30U	30U	31U	29U	30U
bis(2-Chloroethoxy)methane, ug/kg dw	34U	34U	36U	34U	34U
2,4-Dichlorophenol, ug/kg dw	31U	31U	32U	30U	31U
1,2,4-Trichlorobenzene, ug/kg dw	40U	41U	42U	40U	40U
4-Chloroaniline, ug/kg dw	31U	31U	32U	30U	31U
Hexachlorobutadiene, ug/kg dw	29U	29U	30U	28U	29U
4-Chloro-3-methylphenol, ug/kg dw	42U	43U	44U	42U	42U
Hexachlorocyclopentadiene, ug/kg dw	290U	290U	300U	280U	290U
2,4,6-Trichlorophenol, ug/kg dw	34U	34U	36U	34U	34U
2,4,5-Trichlorophenol, ug/kg dw	33U	33U	34U	33U	33U
2-Chloronaphthalene, ug/kg dw	39U	40U	41U	39U	39U
2-Nitroaniline, ug/kg dw	26U	27U	28U	26U	26U
Dimethylphthalate, ug/kg dw	37U	38U	39U	37U	37U
3-Nitroaniline, ug/kg dw	32U	32U	33U	32U	32U
2,4-Dinitrophenol, ug/kg dw	360U	360U	380U	360U	360U
4-Nitrophenol, ug/kg dw	26U	27U	28U	26U	26U
Dibenzofuran, ug/kg dw	36U	36U	38U	36U	36U

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81825A
Received: 18 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS06
Sampled By: Client
Code: 12363041

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE/ TIME SAMPLED	SDG#
81825A-5	025S000814	03-17-03/11:45	PENS06
81825A-6	025S000514	03-17-03/13:00	PENS06
81825A-7	030S000608	03-15-03/10:35	PENS06
81825A-8	030S001212	03-15-03/10:00	PENS06
81825A-9	030C001212	03-15-03/10:00	PENS06

PARAMETER	81825A-5	81825A-6	81825A-7	81825A-8	81825A-9
2,4-Dinitrotoluene, ug/kg dw	23U	24U	24U	23U	23U
2,6-Dinitrotoluene, ug/kg dw	31U	31U	32U	30U	31U
Diethylphthalate, ug/kg dw	37U	38U	39U	37U	37U
4-Chlorophenylphenyl ether, ug/kg dw	28U	28U	29U	27U	28U
4-Nitroaniline, ug/kg dw	28U	28U	29U	27U	28U
4,6-Dinitro-2-methylphenol, ug/kg dw	33U	33U	34U	33U	33U
N-Nitrosodiphenylamine, ug/kg dw	32U	32U	33U	32U	32U
4-Bromophenylphenyl ether, ug/kg dw	32U	32U	33U	32U	32U
Hexachlorobenzene, ug/kg dw	40U	41U	42U	40U	40U
Pentachlorophenol, ug/kg dw	36U	36U	38U	36U	36U
Di-n-butylphthalate, ug/kg dw	41U	42U	43U	41U	41U
Butylbenzylphthalate, ug/kg dw	34U	34U	36U	34U	34U
3,3'-Dichlorobenzidine, ug/kg dw	28U	28U	29U	27U	28U
bis(2-Ethylhexyl)phthalate, ug/kg dw	47U	47U	49U	46U	47U
Di-n-octylphthalate, ug/kg dw	34U	34U	36U	34U	34U
Carbazole, ug/kg dw	32U	32U	100	32U	32U

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81825A
Received: 18 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS06
Sampled By: Client
Code: 12363041

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE/ TIME SAMPLED	SDG#
81825A-5	025S000814	03-17-03/11:45	PENS06
81825A-6	025S000514	03-17-03/13:00	PENS06
81825A-7	030S000608	03-15-03/10:35	PENS06
81825A-8	030S001212	03-15-03/10:00	PENS06
81825A-9	030C001212	03-15-03/10:00	PENS06

PARAMETER	81825A-5	81825A-6	81825A-7	81825A-8	81825A-9
Surrogate - Phenol-d5	68 %	58 %	51 %	60 %	66 %
Surrogate - 2-Fluorophenol	63 %	53 %	43 %	57 %	57 %
Surrogate - 2,4,6-Tribromophenol	91 %	75 %	73 %	83 %	83 %
Surrogate - Nitrobenzene-d5	61 %	51 %	43 %	54 %	52 %
Surrogate - 2-Fluorobiphenyl	72 %	61 %	61 %	67 %	67 %
Surrogate - Terphenyl-d14	89 %	72 %	78 %	83 %	83 %
Dilution Factor	1	1	1	1	1
Prep Date	03.19.03	03.19.03	03.19.03	03.19.03	03.19.03
Analysis Date	03.23.03	03.24.03	03.23.03	03.23.03	03.23.03
Batch ID	0319A	0319A	0319A	0319A	0319A
Initial Volume	30.0	30.0	30.0	30.0	30.0
Final Volume	1.00	1.00	1.00	1.00	1.00

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • www.stl-inc.com

LOG NO: S3-81825A
Received: 18 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS06
Sampled By: Client
Code: 12363041

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE/ TIME SAMPLED	SDG#
81825A-5	025S000814	03-17-03/11:45	PENS06
81825A-6	025S000514	03-17-03/13:00	PENS06
81825A-7	030S000608	03-15-03/10:35	PENS06
81825A-8	030S001212	03-15-03/10:00	PENS06
81825A-9	030C001212	03-15-03/10:00	PENS06

PARAMETER	81825A-5	81825A-6	81825A-7	81825A-8	81825A-9
Low Level PAH (8270LL)					
Naphthalene, ug/kg dw	0.76U	0.76U	0.79U	0.75U	0.76U
Acenaphthylene, ug/kg dw	0.91U	0.92U	24	0.90U	1.7
Acenaphthene, ug/kg dw	0.96U	0.97U	1.0U	0.95U	1.1
Fluorene, ug/kg dw	0.83U	0.84U	1.5	0.82U	1.1
Phenanthrene, ug/kg dw	0.85U	0.86U	150	0.84U	13
Anthracene, ug/kg dw	1.0U	1.0U	18	1.0U	2.9
Fluoranthene, ug/kg dw	0.91U	0.92U	520	1.7	34
Pyrene, ug/kg dw	1.3U	1.3U	370	1.7	33
Chrysene, ug/kg dw	1.1U	1.1U	180	1.1	19
Benzo(a)anthracene, ug/kg dw	0.81U	0.82U	140	1.0	18
Benzo(b)fluoranthene, ug/kg dw	1.0U	1.0U	310	2.0	26
Benzo(k)fluoranthene, ug/kg dw	1.0U	1.0U	240	1.6	25
Benzo(a)pyrene, ug/kg dw	0.96U	0.97U	190	1.6	21
Indeno(1,2,3-cd)pyrene, ug/kg dw	0.69U	0.70U	97	0.75	4.4
Dibenzo(a,h)anthracene, ug/kg dw	0.94U	0.95U	47	0.93U	3.5
Benzo(g,h,i)perylene, ug/kg dw	0.65U	0.66U	250	2.3	8.5
2-Methylnaphthalene, ug/kg dw	0.60	0.57U	0.59U	0.56U	0.56U
1-Methylnaphthalene, ug/kg dw	0.42	0.38U	0.43	0.37U	0.37U

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81825A
Received: 18 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS06
Sampled By: Client
Code: 12363041

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE/ TIME SAMPLED	SDG#
81825A-5	025S000814	03-17-03/11:45	PENS06
81825A-6	025S000514	03-17-03/13:00	PENS06
81825A-7	030S000608	03-15-03/10:35	PENS06
81825A-8	030S001212	03-15-03/10:00	PENS06
81825A-9	030C001212	03-15-03/10:00	PENS06

PARAMETER	81825A-5	81825A-6	81825A-7	81825A-8	81825A-9
Surrogate - o-Terphenyl	70 %	71 %	61 %	77 %	70 %
Dilution Factor	1	1	1	1	1
Prep Date	03.19.03	03.19.03	03.19.03	03.19.03	03.19.03
Analysis Date	03.28.03	03.22.03	03.27.03	03.22.03	03.22.03
Batch ID	0319B	0319B	0319B	0319B	0319B
Initial Volume	30.0	30.0	30.0	30.0	30.0
Final Volume	1.00	1.00	1.00	1.00	1.00

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • www.stl-inc.com

LOG NO: S3-81825A
Received: 18 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS06
Sampled By: Client
Code: 12363041

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE/ TIME SAMPLED	SDG#
81825A-5	025S000814	03-17-03/11:45	PENS06
81825A-6	025S000514	03-17-03/13:00	PENS06
81825A-7	030S000608	03-15-03/10:35	PENS06
81825A-8	030S001212	03-15-03/10:00	PENS06
81825A-9	030C001212	03-15-03/10:00	PENS06

PARAMETER	81825A-5	81825A-6	81825A-7	81825A-8	81825A-9
TCL Semivolatiles - SPLP (SPLP8270)					
Phenol, ug/l	1.0U	1.0U	1.0U	1.0U	1.0U
bis(2-Chloroethyl)ether, ug/l	1.0U	1.0U	1.0U	1.0U	1.0U
2-Chlorophenol, ug/l	0.79U	0.79U	0.79U	0.79U	0.79U
1,3-Dichlorobenzene, ug/l	1.0U	1.0U	1.0U	1.0U	1.0U
1,4-Dichlorobenzene, ug/l	1.0U	1.0U	1.0U	1.0U	1.0U
1,2-Dichlorobenzene, ug/l	1.0U	1.0U	1.0U	1.0U	1.0U
2-Methylphenol (o-Cresol), ug/l	0.59U	0.59U	0.59U	0.59U	0.59U
2,2'-Oxybis(1-Chloropropane) (bis-2-chloroisopropyl ether), ug/l	0.58U	0.58U	0.58U	0.58U	0.58U
3-Methylphenol/4-Methylphen ol (m&p-Cresol), ug/l	1.0U	1.0U	1.0U	1.0U	1.0U
N-Nitroso-di-n-propylamine, ug/l	1.0U	1.0U	1.0U	1.0U	1.0U
Hexachloroethane, ug/l	0.70U	0.70U	0.70U	0.70U	0.70U
Nitrobenzene, ug/l	1.0U	1.0U	1.0U	1.0U	1.0U
Isophorone, ug/l	1.0U	1.0U	1.0U	1.0U	1.0U
2-Nitrophenol, ug/l	1.1U	1.1U	1.1U	1.1U	1.1U
2,4-Dimethylphenol, ug/l	1.1U	1.1U	1.1U	1.1U	1.1U

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81825A
Received: 18 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS06
Sampled By: Client
Code: 12363041

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE/ TIME SAMPLED	SDG#
81825A-5	025S000814	03-17-03/11:45	PENS06
81825A-6	025S000514	03-17-03/13:00	PENS06
81825A-7	030S000608	03-15-03/10:35	PENS06
81825A-8	030S001212	03-15-03/10:00	PENS06
81825A-9	030C001212	03-15-03/10:00	PENS06

PARAMETER	81825A-5	81825A-6	81825A-7	81825A-8	81825A-9
bis(2-Chloroethoxy)methane, ug/l	1.0U	1.0U	1.0U	1.0U	1.0U
2,4-Dichlorophenol, ug/l	0.76U	0.76U	0.76U	0.76U	0.76U
1,2,4-Trichlorobenzene, ug/l	0.51U	0.51U	0.51U	0.51U	0.51U
4-Chloroaniline, ug/l	1.0U	1.0U	1.0U	1.0U	1.0U
Hexachlorobutadiene, ug/l	0.50U	0.50U	0.50U	0.50U	0.50U
4-Chloro-3-methylphenol, ug/l	1.0U	1.0U	1.0U	1.0U	1.0U
Hexachlorocyclopentadiene, ug/l	1.1U	1.1U	1.1U	1.1U	1.1U
2,4,6-Trichlorophenol, ug/l	1.1U	1.1U	1.1U	1.1U	1.1U
2,4,5-Trichlorophenol, ug/l	1.1U	1.1U	1.1U	1.1U	1.1U
2-Chloronaphthalene, ug/l	1.0U	1.0U	1.0U	1.0U	1.0U
2-Nitroaniline, ug/l	0.72U	0.72U	0.72U	0.72U	0.72U
Dimethylphthalate, ug/l	0.57U	0.57U	0.57U	0.57U	0.57U
3-Nitroaniline, ug/l	0.64U	0.64U	0.64U	0.64U	0.64U
2,4-Dinitrophenol, ug/l	10U	10U	10U	10U	10U
4-Nitrophenol, ug/l	5.0U	5.0U	5.0U	5.0U	5.0U
Dibenzofuran, ug/l	1.0U	1.0U	1.0U	1.0U	1.0U
2,4-Dinitrotoluene, ug/l	1.1U	1.1U	1.1U	1.1U	1.1U
2,6-Dinitrotoluene, ug/l	0.87U	0.87U	0.87U	0.87U	0.87U
Diethylphthalate, ug/l	1.0U	1.0U	1.0U	1.0U	1.0U

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81825A
Received: 18 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS06
Sampled By: Client
Code: 12363041

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE/ TIME SAMPLED	SDG#
81825A-5	025S000814	03-17-03/11:45	PENS06
81825A-6	025S000514	03-17-03/13:00	PENS06
81825A-7	030S000608	03-15-03/10:35	PENS06
81825A-8	030S001212	03-15-03/10:00	PENS06
81825A-9	030C001212	03-15-03/10:00	PENS06

PARAMETER	81825A-5	81825A-6	81825A-7	81825A-8	81825A-9
4-Chlorophenylphenyl ether, ug/l	0.70U	0.70U	0.70U	0.70U	0.70U
4-Nitroaniline, ug/l	0.86U	0.86U	0.86U	0.86U	0.86U
4,6-Dinitro-2-methylphenol, ug/l	10U	10U	10U	10U	10U
N-Nitrosodiphenylamine, ug/l	1.0U	1.0U	1.0U	1.0U	1.0U
4-Bromophenylphenyl ether, ug/l	1.0U	1.0U	1.0U	1.0U	1.0U
Hexachlorobenzene, ug/l	0.61U	0.61U	0.61U	0.61U	0.61U
Pentachlorophenol, ug/l	2.0U	2.0U	2.0U	2.0U	2.0U
Di-n-butylphthalate, ug/l	1.0U	1.0U	1.0U	1.0U	1.0U
Butylbenzylphthalate, ug/l	0.74U	0.74U	0.74U	0.74U	0.74U
3,3'-Dichlorobenzidine, ug/l	1.0U	1.0U	1.0U	1.0U	1.0U
bis(2-Ethylhexyl)phthalate, ug/l	2.4U	2.4U	2.4U	2.4U	2.4U
Di-n-octylphthalate, ug/l	1.2U	1.2U	1.2U	1.2U	1.2U
Carbazole, ug/l	0.54U	0.54U	1.1	0.54U	0.54U
Surrogate - Phenol-d5	80 %	77 %	70 %	74 %	75 %
Surrogate - 2-Fluorophenol	85 %	81 %	73 %	79 %	78 %
Surrogate - 2,4,6-Tribromophenol	90 %	84 %	83 %	87 %	88 %
Surrogate - Nitrobenzene-d5	94 %	90 %	84 %	88 %	90 %
Surrogate - 2-Fluorobiphenyl	104 %	100 %	94 %	100 %	100 %
Surrogate - Terphenyl-d14	94 %	88 %	82 %	84 %	82 %

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81825A
Received: 18 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS06
Sampled By: Client
Code: 12363041

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE/ TIME SAMPLED	SDG#
81825A-5	025S000814	03-17-03/11:45	PENS06
81825A-6	025S000514	03-17-03/13:00	PENS06
81825A-7	030S000608	03-15-03/10:35	PENS06
81825A-8	030S001212	03-15-03/10:00	PENS06
81825A-9	030C001212	03-15-03/10:00	PENS06

PARAMETER	81825A-5	81825A-6	81825A-7	81825A-8	81825A-9
Dilution Factor	1	1	1	1	1
Prep Date	03.21.03	03.21.03	03.21.03	03.21.03	03.21.03
Analysis Date	03.28.03	03.28.03	03.28.03	03.28.03	03.28.03
Batch ID	0321D	0321D	0321D	0321D	0321D
Initial Volume	1000	1000	1000	1000	1000
Final Volume	1.00	1.00	1.00	1.00	1.00

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • www.stl-inc.com

LOG NO: S3-81825A
Received: 18 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS06
Sampled By: Client
Code: 12363041

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE/ TIME SAMPLED	SDG#
81825A-5	025S000814	03-17-03/11:45	PENS06
81825A-6	025S000514	03-17-03/13:00	PENS06
81825A-7	030S000608	03-15-03/10:35	PENS06
81825A-8	030S001212	03-15-03/10:00	PENS06
81825A-9	030C001212	03-15-03/10:00	PENS06

PARAMETER	81825A-5	81825A-6	81825A-7	81825A-8	81825A-9
Low Level PAHs in SPLP Extract (SPLP8270LL)					
Acenaphthene, ug/l	0.025U	0.025U	0.025U	0.050	0.065
Acenaphthylene, ug/l	0.024U	0.024U	0.024U	0.024U	0.024U
Anthracene, ug/l	0.031U	0.031U	0.047	0.031U	0.031U
Benzo(a)anthracene, ug/l	0.070U	0.070U	0.070U	0.070U	0.070U
Benzo(a)pyrene, ug/l	0.060U	0.060U	0.060U	0.060U	0.060U
Benzo(b)fluoranthene, ug/l	0.074U	0.074U	0.074U	0.074U	0.074U
Benzo(g,h,i)perylene, ug/l	0.096U	0.096U	0.096U	0.096U	0.096U
Benzo(k)fluoranthene, ug/l	0.058U	0.058U	0.058U	0.058U	0.058U
Chrysene, ug/l	0.088U	0.088U	0.088U	0.088U	0.088U
Dibenzo(a,h)anthracene, ug/l	0.065U	0.065U	0.065U	0.065U	0.065U
Fluoranthene, ug/l	0.061U	0.061U	0.26	0.11	0.12
Fluorene, ug/l	0.026U	0.026U	0.026U	0.071	0.069
Indeno(1,2,3-cd)pyrene, ug/l	0.080U	0.080U	0.080U	0.080U	0.080U
Naphthalene, ug/l	0.028U	0.028U	0.035	0.054	0.076
Phenanthrene, ug/l	0.058	0.058	0.24	0.19	0.22
Pyrene, ug/l	0.052	0.056	0.16	0.10	0.097
1-Methylnaphthalene, ug/l	0.028U	0.028U	0.028U	0.046	0.050

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81825A
Received: 18 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS06
Sampled By: Client
Code: 12363041

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE/ TIME SAMPLED	SDG#
81825A-5	025S000814	03-17-03/11:45	PENS06
81825A-6	025S000514	03-17-03/13:00	PENS06
81825A-7	030S000608	03-15-03/10:35	PENS06
81825A-8	030S001212	03-15-03/10:00	PENS06
81825A-9	030C001212	03-15-03/10:00	PENS06

PARAMETER	81825A-5	81825A-6	81825A-7	81825A-8	81825A-9
2-Methylnaphthalene, ug/l	0.022	0.025	0.028	0.067	0.080
Surrogate - o-Terphenyl	111 %	105 %	80 %	90 %	100 %
Dilution Factor	1	1	1	1	1
Prep Date	03.20.03	03.20.03	03.20.03	03.20.03	03.20.03
Analysis Date	03.27.03	03.27.03	03.27.03	03.27.03	03.27.03
Batch ID	0320G	0320G	0320G	0320G	0320G
Initial Volume	1100	1000	1000	1000	1000
Final Volume	1.00	1.00	1.00	1.00	1.00
Percent Solids	94	93	90	95	94

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • www.stl-inc.com

LOG NO: S3-81825A
Received: 18 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS06
Sampled By: Client
Code: 12363041

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE/ TIME SAMPLED	SDG#
81825A-10	027S001706	03-15-03/11:00	PENS06

PARAMETER	81825A-10
TCL Semivolatiles (8270)	
Phenol, ug/kg dw	44U
bis(2-Chloroethyl)ether, ug/kg dw	39U
2-Chlorophenol, ug/kg dw	44U
1,3-Dichlorobenzene, ug/kg dw	24U
1,4-Dichlorobenzene, ug/kg dw	26U
1,2-Dichlorobenzene, ug/kg dw	24U
2-Methylphenol (o-Cresol), ug/kg dw	49U
2,2'-Oxybis(1-Chloropropane) (bis-2-chloroisopropyl ether), ug/kg dw	34U
3-Methylphenol/4-Methylphenol (m&p-Cresol), ug/kg dw	42U
N-Nitroso-di-n-propylamine, ug/kg dw	32U
Hexachloroethane, ug/kg dw	20U
Nitrobenzene, ug/kg dw	33U
Isophorone, ug/kg dw	28U
2-Nitrophenol, ug/kg dw	28U
2,4-Dimethylphenol, ug/kg dw	30U
bis(2-Chloroethoxy)methane, ug/kg dw	34U
2,4-Dichlorophenol, ug/kg dw	31U
1,2,4-Trichlorobenzene, ug/kg dw	40U
4-Chloroaniline, ug/kg dw	31U
Hexachlorobutadiene, ug/kg dw	29U
4-Chloro-3-methylphenol, ug/kg dw	42U

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • www.stl-inc.com

LOG NO: S3-81825A
Received: 18 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS06
Sampled By: Client
Code: 12363041

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE/ TIME SAMPLED	SDG#
81825A-10	027S001706	03-15-03/11:00	PENS06

PARAMETER	81825A-10
Hexachlorocyclopentadiene, ug/kg dw	290U
2,4,6-Trichlorophenol, ug/kg dw	34U
2,4,5-Trichlorophenol, ug/kg dw	33U
2-Chloronaphthalene, ug/kg dw	39U
2-Nitroaniline, ug/kg dw	26U
Dimethylphthalate, ug/kg dw	37U
3-Nitroaniline, ug/kg dw	32U
2,4-Dinitrophenol, ug/kg dw	360U
4-Nitrophenol, ug/kg dw	26U
Dibenzofuran, ug/kg dw	36U
2,4-Dinitrotoluene, ug/kg dw	23U
2,6-Dinitrotoluene, ug/kg dw	31U
Diethylphthalate, ug/kg dw	37U
4-Chlorophenylphenyl ether, ug/kg dw	28U
4-Nitroaniline, ug/kg dw	28U
4,6-Dinitro-2-methylphenol, ug/kg dw	33U
N-Nitrosodiphenylamine, ug/kg dw	32U
4-Bromophenylphenyl ether, ug/kg dw	32U
Hexachlorobenzene, ug/kg dw	40U
Pentachlorophenol, ug/kg dw	36U
Di-n-butylphthalate, ug/kg dw	41U
Butylbenzylphthalate, ug/kg dw	34U
3,3'-Dichlorobenzidine, ug/kg dw	28U

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • www.stl-inc.com

LOG NO: S3-81825A
Received: 18 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS06
Sampled By: Client
Code: 12363041

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE/ TIME SAMPLED	SDG#
81825A-10	027S001706	03-15-03/11:00	PENS06

PARAMETER	81825A-10
bis(2-Ethylhexyl)phthalate, ug/kg dw	47U
Di-n-octylphthalate, ug/kg dw	34U
Carbazole, ug/kg dw	32U
Surrogate - Phenol-d5	51 %
Surrogate - 2-Fluorophenol	43 %
Surrogate - 2,4,6-Tribromophenol	68 %
Surrogate - Nitrobenzene-d5	39 %
Surrogate - 2-Fluorobiphenyl	49 %
Surrogate - Terphenyl-d14	72 %
Dilution Factor	1
Prep Date	03.19.03
Analysis Date	03.23.03
Batch ID	0319A
Initial Volume	30.0
Final Volume	1.00

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81825A
Received: 18 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS06
Sampled By: Client
Code: 12363041

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE/ TIME SAMPLED	SDG#
81825A-10	027S001706	03-15-03/11:00	PENS06

PARAMETER	81825A-10
Low Level PAH (8270LL)	
Naphthalene, ug/kg dw	0.76U
Acenaphthylene, ug/kg dw	0.91U
Acenaphthene, ug/kg dw	0.96U
Fluorene, ug/kg dw	0.83U
Phenanthrene, ug/kg dw	0.85U
Anthracene, ug/kg dw	1.0U
Fluoranthene, ug/kg dw	0.91U
Pyrene, ug/kg dw	1.3U
Chrysene, ug/kg dw	1.1U
Benzo(a)anthracene, ug/kg dw	0.81U
Benzo(b)fluoranthene, ug/kg dw	1.0U
Benzo(k)fluoranthene, ug/kg dw	1.0U
Benzo(a)pyrene, ug/kg dw	0.96U
Indeno(1,2,3-cd)pyrene, ug/kg dw	0.69U
Dibenzo(a,h)anthracene, ug/kg dw	0.94U
Benzo(g,h,i)perylene, ug/kg dw	0.65U
2-Methylnaphthalene, ug/kg dw	0.56U
1-Methylnaphthalene, ug/kg dw	0.37U
Surrogate - o-Terphenyl	65 %
Dilution Factor	1
Prep Date	03.19.03
Analysis Date	03.23.03
Batch ID	0319B
Initial Volume	30.0
Final Volume	1.00

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • www.stl-inc.com

LOG NO: S3-81825A
Received: 18 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS06
Sampled By: Client
Code: 12363041

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE/ TIME SAMPLED	SDG#
81825A-10	027S001706	03-15-03/11:00	PENS06

PARAMETER	81825A-10
TCL Semivolatiles - SPLP (SPLP8270)	
Phenol, ug/l	1.0U
bis(2-Chloroethyl)ether, ug/l	1.0U
2-Chlorophenol, ug/l	0.79U
1,3-Dichlorobenzene, ug/l	1.0U
1,4-Dichlorobenzene, ug/l	1.0U
1,2-Dichlorobenzene, ug/l	1.0U
2-Methylphenol (o-Cresol), ug/l	0.59U
2,2'-Oxybis(1-Chloropropane) (bis-2-chloroisopropyl ether), ug/l	0.58U
3-Methylphenol/4-Methylphenol (m&p-Cresol), ug/l	1.0U
N-Nitroso-di-n-propylamine, ug/l	1.0U
Hexachloroethane, ug/l	0.70U
Nitrobenzene, ug/l	1.0U
Isophorone, ug/l	1.0U
2-Nitrophenol, ug/l	1.1U
2,4-Dimethylphenol, ug/l	1.1U
bis(2-Chloroethoxy)methane, ug/l	1.0U
2,4-Dichlorophenol, ug/l	0.76U
1,2,4-Trichlorobenzene, ug/l	0.51U
4-Chloroaniline, ug/l	1.0U
Hexachlorobutadiene, ug/l	0.50U
4-Chloro-3-methylphenol, ug/l	1.0U

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • www.stl-inc.com

LOG NO: S3-81825A
Received: 18 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS06
Sampled By: Client
Code: 12363041

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE/ TIME SAMPLED	SDG#
81825A-10	027S001706	03-15-03/11:00	PENS06

PARAMETER	81825A-10
Hexachlorocyclopentadiene, ug/l	1.1U
2,4,6-Trichlorophenol, ug/l	1.1U
2,4,5-Trichlorophenol, ug/l	1.1U
2-Chloronaphthalene, ug/l	1.0U
2-Nitroaniline, ug/l	0.72U
Dimethylphthalate, ug/l	0.57U
3-Nitroaniline, ug/l	0.64U
2,4-Dinitrophenol, ug/l	10U
4-Nitrophenol, ug/l	5.0U
Dibenzofuran, ug/l	1.0U
2,4-Dinitrotoluene, ug/l	13
2,6-Dinitrotoluene, ug/l	19
Diethylphthalate, ug/l	1.0U
4-Chlorophenylphenyl ether, ug/l	0.70U
4-Nitroaniline, ug/l	0.86U
4,6-Dinitro-2-methylphenol, ug/l	10U
N-Nitrosodiphenylamine, ug/l	1.0U
4-Bromophenylphenyl ether, ug/l	3.0J
Hexachlorobenzene, ug/l	0.61U
Pentachlorophenol, ug/l	2.0U
Di-n-butylphthalate, ug/l	1.0U
Butylbenzylphthalate, ug/l	0.74U
3,3'-Dichlorobenzidine, ug/l	1.0U

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81825A
Received: 18 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS06
Sampled By: Client
Code: 12363041

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE/ TIME SAMPLED	SDG#
81825A-10	027S001706	03-15-03/11:00	PENS06

PARAMETER	81825A-10
bis(2-Ethylhexyl)phthalate, ug/l	2.4U
Di-n-octylphthalate, ug/l	1.2U
Carbazole, ug/l	0.54U
Surrogate - Phenol-d5	74 %
Surrogate - 2-Fluorophenol	76 %
Surrogate - 2,4,6-Tribromophenol	84 %
Surrogate - Nitrobenzene-d5	86 %
Surrogate - 2-Fluorobiphenyl	94 %
Surrogate - Terphenyl-d14	86 %
Dilution Factor	1
Prep Date	03.21.03
Analysis Date	03.28.03
Batch ID	0321D
Initial Volume	990
Final Volume	1.00

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81825A
Received: 18 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS06
Sampled By: Client
Code: 12363041

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE/ TIME SAMPLED	SDG#
81825A-10	027S001706	03-15-03/11:00	PENS06

PARAMETER	81825A-10
Low Level PAHs in SPLP Extract (SPLP8270LL)	
Acenaphthene, ug/l	0.046
Acenaphthylene, ug/l	0.024U
Anthracene, ug/l	0.031U
Benzo(a)anthracene, ug/l	0.070U
Benzo(a)pyrene, ug/l	0.060U
Benzo(b)fluoranthene, ug/l	0.074U
Benzo(g,h,i)perylene, ug/l	0.096U
Benzo(k)fluoranthene, ug/l	0.058U
Chrysene, ug/l	0.088U
Dibenzo(a,h)anthracene, ug/l	0.065U
Fluoranthene, ug/l	0.083
Fluorene, ug/l	0.047
Indeno(1,2,3-cd)pyrene, ug/l	0.080U
Naphthalene, ug/l	0.054
Phenanthrene, ug/l	0.14
Pyrene, ug/l	0.083
1-Methylnaphthalene, ug/l	0.036
2-Methylnaphthalene, ug/l	0.056
Surrogate - o-Terphenyl	110 %
Dilution Factor	1
Prep Date	03.20.03
Analysis Date	03.27.03
Batch ID	0320G
Initial Volume	1000
Final Volume	1.00

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81825A
Received: 18 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS06
Sampled By: Client
Code: 12363041

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE/ TIME SAMPLED	SDG#
81825A-10	027S001706	03-15-03/11:00	PENS06

PARAMETER	81825A-10
Percent Solids	94

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81825A
Received: 18 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS06
Sampled By: Client
Code: 12363041

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE/ TIME SAMPLED	SDG#
81825A-11	012S001305	03-17-03/11:00	PENS06
81825A-12	012S000805	03-17-03/13:45	PENS06
81825A-13	012S001610	03-17-03/11:30	PENS06
81825A-14	012S000705	03-17-03/14:15	PENS06
81825A-15	012S000905	03-17-03/10:10	PENS06

PARAMETER	81825A-11	81825A-12	81825A-13	81825A-14	81825A-15
TAL Metals (6010)					
Aluminum, mg/kg dw	870	440	1400	1500	2000
Antimony, mg/kg dw	0.45U	0.39U	0.41U	0.37U	0.69B
Arsenic, mg/kg dw	0.46U	0.40U	0.42U	0.51B	0.82B
Barium, mg/kg dw	3.7	2.2	2.2	3.5	18
Beryllium, mg/kg dw	0.012U	0.010U	0.011U	0.0097U	0.017B
Cadmium, mg/kg dw	4.0	1.3	0.043U	0.64	6.7
Calcium, mg/kg dw	82	46B	140	4500	12000
Chromium, mg/kg dw	1.7	2.0	1.4	3.8	10
Cobalt, mg/kg dw	0.12B	0.072U	0.23B	0.15B	0.41B
Copper, mg/kg dw	1.3B	0.41B	0.80B	5.9	38
Iron, mg/kg dw	590	380	1300	1400	4900
Lead, mg/kg dw	0.69	0.46B	1.1	8.8	96
Magnesium, mg/kg dw	28B	18B	32B	220	880
Manganese, mg/kg dw	8.3	1.2	11	11	46
Nickel, mg/kg dw	0.68B	0.17B	0.66B	0.72B	5.1
Potassium, mg/kg dw	20B	16B	25B	21B	47B
Selenium, mg/kg dw	0.51U	0.44U	0.46U	0.42U	0.40U
Silver, mg/kg dw	0.12U	0.10U	0.11U	0.097U	0.32B

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • www.stl-inc.com

LOG NO: S3-81825A
Received: 18 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS06
Sampled By: Client
Code: 12363041

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE/ TIME SAMPLED	SDG#
81825A-11	012S001305	03-17-03/11:00	PENS06
81825A-12	012S000805	03-17-03/13:45	PENS06
81825A-13	012S001610	03-17-03/11:30	PENS06
81825A-14	012S000705	03-17-03/14:15	PENS06
81825A-15	012S000905	03-17-03/10:10	PENS06

PARAMETER	81825A-11	81825A-12	81825A-13	81825A-14	81825A-15
Sodium, mg/kg dw	29B	30B	26B	37B	93
Thallium, mg/kg dw	0.78U	0.68U	0.71U	0.64U	0.62U
Vanadium, mg/kg dw	0.80B	0.44B	1.3	2.7	2.7
Zinc, mg/kg dw	17	5.3	1.5B	17	150
Dilution Factor	1	1	1	1	1
Prep Date	03.24.03	03.24.03	03.24.03	03.24.03	03.24.03
Analysis Date	03.27.03	03.27.03	03.27.03	03.27.03	03.27.03
Batch ID	0324A	0324A	0324A	0324A	0324A
Initial Volume	1.10	1.03	1.02	1.06	1.11
Final Volume	100	100	100	100	100
Mercury (7471)					
Mercury, mg/kg dw	0.0053B	0.0049B	0.0075B	0.063	0.099
Dilution Factor	1	1	1	1	1
Prep Date	03.20.03	03.20.03	03.20.03	03.20.03	03.20.03
Analysis Date	03.26.03	03.26.03	03.26.03	03.26.03	03.26.03
Batch ID	0320S	0320S	0320S	0320S	0320S
Initial Volume	1.15	1.08	1.07	1.14	1.10
Final Volume	50	50	50	50	50

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • www.stl-inc.com

LOG NO: S3-81825A
Received: 18 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS06
Sampled By: Client
Code: 12363041

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE/ TIME SAMPLED	SDG#
81825A-11	012S001305	03-17-03/11:00	PENS06
81825A-12	012S000805	03-17-03/13:45	PENS06
81825A-13	012S001610	03-17-03/11:30	PENS06
81825A-14	012S000705	03-17-03/14:15	PENS06
81825A-15	012S000905	03-17-03/10:10	PENS06

PARAMETER	81825A-11	81825A-12	81825A-13	81825A-14	81825A-15
TAL Metals - SPLP (SPLP6010)					
Aluminum (SPLP), ug/l	69B	150B	1200	3000	3800
Antimony (SPLP), ug/l	3.8U	3.8U	3.8U	3.8U	3.8U
Arsenic (SPLP), ug/l	3.9U	3.9U	3.9U	3.9U	3.9U
Barium (SPLP), ug/l	1.6B	1.7B	2.4B	53	12
Beryllium (SPLP), ug/l	0.10U	0.10U	0.10U	0.10U	0.10U
Cadmium (SPLP), ug/l	0.40U	0.40U	0.40U	0.40U	0.40U
Calcium (SPLP), ug/l	2700	2200	2700	180000	37000
Chromium (SPLP), ug/l	2.1B	2.6B	2.6B	25	10
Cobalt (SPLP), ug/l	0.70U	0.70U	0.70U	0.70U	0.70U
Copper (SPLP), ug/l	1.0B	1.7B	1.2B	6.9B	7.7B
Iron (SPLP), ug/l	24B	24B	640	16U	16U
Lead (SPLP), ug/l	1.9U	1.9U	1.9U	1.9U	1.9U
Magnesium (SPLP), ug/l	290B	240B	300B	75B	150B
Manganese (SPLP), ug/l	0.58B	0.76B	11B	0.50U	0.50U
Nickel (SPLP), ug/l	1.2U	1.2U	1.2U	1.2U	1.2U
Potassium (SPLP), ug/l	100B	72B	120B	330B	140B
Selenium (SPLP), ug/l	4.3U	4.3U	4.3U	4.3U	4.3U
Silver (SPLP), ug/l	1.0U	1.0U	1.0U	1.0U	1.0U

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81825A
Received: 18 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS06
Sampled By: Client
Code: 12363041

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE/ TIME SAMPLED	SDG#
81825A-11	012S001305	03-17-03/11:00	PENS06
81825A-12	012S000805	03-17-03/13:45	PENS06
81825A-13	012S001610	03-17-03/11:30	PENS06
81825A-14	012S000705	03-17-03/14:15	PENS06
81825A-15	012S000905	03-17-03/10:10	PENS06

PARAMETER	81825A-11	81825A-12	81825A-13	81825A-14	81825A-15
Sodium (SPLP), ug/l	24000X	21000X	23000X	22000X	22000X
Thallium (SPLP), ug/l	6.6U	6.6U	6.6U	6.6U	6.6U
Vanadium (SPLP), ug/l	1.0B	1.0U	1.4B	1.4B	5.5B
Zinc (SPLP), ug/l	3.6B	3.1B	3.5B	2.6B	3.1B
Dilution Factor	1	1	1	1	1
Prep Date	03.25.03	03.25.03	03.25.03	03.25.03	03.25.03
Analysis Date	03.27.03	03.27.03	03.27.03	03.27.03	03.27.03
Batch ID	0325P	0325P	0325P	0325P	0325P
Initial Volume	50	50	50	50	50
Final Volume	50	50	50	50	50
Mercury (SPLP) (SPLP7470)					
Mercury (SPLP), ug/l	0.10U	0.10U	0.10U	0.10U	0.10U
Dilution Factor	1	1	1	1	1
Prep Date	03.25.03	03.25.03	03.25.03	03.25.03	03.25.03
Analysis Date	03.26.03	03.26.03	03.26.03	03.26.03	03.26.03
Batch ID	0325U	0325U	0325U	0325U	0325U
Initial Volume	50	50	50	50	50
Final Volume	50	50	50	50	50
Percent Solids	77	94	91	97	96

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81825A
Received: 18 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS06
Sampled By: Client
Code: 12363041

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE/ TIME SAMPLED	SDG#
81825A-16	012S001005	03-17-03/09:20	PENS06
81825A-17	011S001506	03-15-03/12:00	PENS06
81825A-18	011C001506	03-15-03/12:00	PENS06

PARAMETER	81825A-16	81825A-17	81825A-18
TAL Metals (6010)			
Aluminum, mg/kg dw	6600	2000	1200
Antimony, mg/kg dw	0.44U	0.64U	0.64U
Arsenic, mg/kg dw	1.7	0.75B	0.66U
Barium, mg/kg dw	5.7	9.7	6.8
Beryllium, mg/kg dw	0.046B	0.038B	0.020B
Cadmium, mg/kg dw	1.9	0.29B	0.14B
Calcium, mg/kg dw	1700	2600	1900
Chromium, mg/kg dw	5.8	48	13
Cobalt, mg/kg dw	0.26B	0.23B	0.12U
Copper, mg/kg dw	2.4	3.6	2.7B
Iron, mg/kg dw	4200	1200	630
Lead, mg/kg dw	4.4	24	14
Magnesium, mg/kg dw	110	260	160
Manganese, mg/kg dw	47	10	5.9
Nickel, mg/kg dw	0.92B	0.88B	0.70B
Potassium, mg/kg dw	41B	81B	48B
Selenium, mg/kg dw	0.50U	0.72U	0.72U
Silver, mg/kg dw	0.12U	0.17U	0.17U
Sodium, mg/kg dw	29B	79B	29U
Thallium, mg/kg dw	0.76U	1.1U	1.1U

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81825A
Received: 18 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS06
Sampled By: Client
Code: 12363041

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE/ TIME SAMPLED	SDG#
81825A-16	012S001005	03-17-03/09:20	PENS06
81825A-17	011S001506	03-15-03/12:00	PENS06
81825A-18	011C001506	03-15-03/12:00	PENS06

PARAMETER	81825A-16	81825A-17	81825A-18
Vanadium, mg/kg dw	11	4.0	2.8
Zinc, mg/kg dw	7.7	8.3	4.7
Dilution Factor	1	1	1
Prep Date	03.24.03	03.24.03	03.24.03
Analysis Date	03.27.03	03.27.03	03.27.03
Batch ID	0324A	0324A	0324A
Initial Volume	1.03	1.06	1.06
Final Volume	100	100	100
Mercury (7471)			
Mercury, mg/kg dw	0.013B	0.013B	0.039
Dilution Factor	1	1	1
Prep Date	03.20.03	03.20.03	03.20.03
Analysis Date	03.26.03	03.26.03	03.26.03
Batch ID	0320S	0320S	0320S
Initial Volume	1.15	1.07	1.07
Final Volume	50	50	50

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81825A
Received: 18 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS06
Sampled By: Client
Code: 12363041

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE/ TIME SAMPLED	SDG#
81825A-16	012S001005	03-17-03/09:20	PENS06
81825A-17	011S001506	03-15-03/12:00	PENS06
81825A-18	011C001506	03-15-03/12:00	PENS06

PARAMETER	81825A-16	81825A-17	81825A-18
TAL Metals - SPLP (SPLP6010)			
Aluminum (SPLP), ug/l	110B	450	3200
Antimony (SPLP), ug/l	3.8U	3.8U	3.8U
Arsenic (SPLP), ug/l	3.9U	3.9U	4.2B
Barium (SPLP), ug/l	1.9B	2.5B	4.5B
Beryllium (SPLP), ug/l	0.10U	0.10U	0.10U
Cadmium (SPLP), ug/l	0.40U	0.40U	0.40U
Calcium (SPLP), ug/l	5400	19000	19000
Chromium (SPLP), ug/l	2.4B	2.3B	6.5B
Cobalt (SPLP), ug/l	0.70U	0.70U	0.70U
Copper (SPLP), ug/l	1.1B	0.80U	2.3B
Iron (SPLP), ug/l	32B	100B	1500
Lead (SPLP), ug/l	1.9U	3.3B	15
Magnesium (SPLP), ug/l	230B	1700	1200
Manganese (SPLP), ug/l	0.62B	5.1B	12B
Nickel (SPLP), ug/l	1.2U	1.2U	1.2U
Potassium (SPLP), ug/l	110B	130B	520B
Selenium (SPLP), ug/l	4.3U	4.3U	4.3U
Silver (SPLP), ug/l	1.0U	1.0U	1.0U
Sodium (SPLP), ug/l	22000X	25000X	26000X
Thallium (SPLP), ug/l	6.6U	6.6U	6.6U

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81825A
Received: 18 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS06
Sampled By: Client
Code: 12363041

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE/ TIME SAMPLED	SDG#
81825A-16	012S001005	03-17-03/09:20	PENS06
81825A-17	011S001506	03-15-03/12:00	PENS06
81825A-18	011C001506	03-15-03/12:00	PENS06

PARAMETER	81825A-16	81825A-17	81825A-18
Vanadium (SPLP), ug/l	1.6B	7.6B	17
Zinc (SPLP), ug/l	2.7B	6.6B	14B
Dilution Factor	1	1	1
Prep Date	03.25.03	03.25.03	03.25.03
Analysis Date	03.27.03	03.27.03	03.27.03
Batch ID	0325P	0325P	0325P
Initial Volume	50	50	50
Final Volume	50	50	50
Mercury (SPLP) (SPLP7470)			
Mercury (SPLP), ug/l	0.10U	0.10U	0.10U
Dilution Factor	1	1	1
Prep Date	03.25.03	03.25.03	03.25.03
Analysis Date	03.26.03	03.26.03	03.27.03
Batch ID	0325U	0325U	0325U
Initial Volume	50	50	50
Final Volume	50	50	50
Percent Solids	84	56	56

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81825A
Received: 18 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS06
Sampled By: Client
Code: 12363041

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR SOLID/SEMISOLID	DATE/ TIME SAMPLED	SDG#
81825A-19	Method Detection Limit (MDL)		PENS06
81825A-20	Reporting Limit (RL)		PENS06
81825A-21	Method Blank		PENS06
81825A-22	Lab Control Standard % Recovery		PENS06

PARAMETER	81825A-19	81825A-20	81825A-21	81825A-22
TCL Semivolatiles (8270)				
Phenol, ug/kg dw	41	330	41U	54 %
bis(2-Chloroethyl)ether, ug/kg dw	37	330	37U	---
2-Chlorophenol, ug/kg dw	41	330	41U	54 %
1,3-Dichlorobenzene, ug/kg dw	23	330	23U	---
1,4-Dichlorobenzene, ug/kg dw	24	330	24U	52 %
1,2-Dichlorobenzene, ug/kg dw	23	330	23U	---
2-Methylphenol (o-Cresol), ug/kg dw	46	330	46U	---
2,2'-Oxybis(1-Chloropropane) (bis-2-chloroisopropyl ether), ug/kg dw	32	330	32U	---
3-Methylphenol/4-Methylphenol (m&p-Cresol), ug/kg dw	40	330	40U	---
N-Nitroso-di-n-propylamine, ug/kg dw	30	330	30U	54 %
Hexachloroethane, ug/kg dw	19	330	19U	---
Nitrobenzene, ug/kg dw	31	330	31U	---
Isophorone, ug/kg dw	26	330	26U	---
2-Nitrophenol, ug/kg dw	26	330	26U	---
2,4-Dimethylphenol, ug/kg dw	28	330	28U	---
bis(2-Chloroethoxy)methane, ug/kg dw	32	330	32U	---
2,4-Dichlorophenol, ug/kg dw	29	330	29U	---

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81825A
Received: 18 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS06
Sampled By: Client
Code: 12363041

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR SOLID/SEMISOLID	DATE/ TIME SAMPLED	SDG#
81825A-19	Method Detection Limit (MDL)		PENS06
81825A-20	Reporting Limit (RL)		PENS06
81825A-21	Method Blank		PENS06
81825A-22	Lab Control Standard % Recovery		PENS06

PARAMETER	81825A-19	81825A-20	81825A-21	81825A-22
1,2,4-Trichlorobenzene, ug/kg dw	38	330	38U	54 %
4-Chloroaniline, ug/kg dw	29	660	29U	---
Hexachlorobutadiene, ug/kg dw	27	330	27U	---
4-Chloro-3-methylphenol, ug/kg dw	40	330	40U	64 %
Hexachlorocyclopentadiene, ug/kg dw	270	330	270U	---
2,4,6-Trichlorophenol, ug/kg dw	32	330	32U	---
2,4,5-Trichlorophenol, ug/kg dw	31	330	31U	---
2-Chloronaphthalene, ug/kg dw	37	330	37U	---
2-Nitroaniline, ug/kg dw	25	1700	25U	---
Dimethylphthalate, ug/kg dw	35	330	35U	---
3-Nitroaniline, ug/kg dw	30	1700	30U	---
2,4-Dinitrophenol, ug/kg dw	340	1700	340U	---
4-Nitrophenol, ug/kg dw	25	1700	25U	67 %
Dibenzofuran, ug/kg dw	34	330	34U	---
2,4-Dinitrotoluene, ug/kg dw	22	330	22U	64 %
2,6-Dinitrotoluene, ug/kg dw	29	330	29U	---
Diethylphthalate, ug/kg dw	35	330	35U	---
4-Chlorophenylphenyl ether, ug/kg dw	26	330	26U	---
4-Nitroaniline, ug/kg dw	26	1700	26U	---
4,6-Dinitro-2-methylphenol, ug/kg dw	31	1700	31U	---

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81825A
Received: 18 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS06
Sampled By: Client
Code: 12363041

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR SOLID/SEMISOLID	DATE/ TIME SAMPLED	SDG#
81825A-19	Method Detection Limit (MDL)		PENS06
81825A-20	Reporting Limit (RL)		PENS06
81825A-21	Method Blank		PENS06
81825A-22	Lab Control Standard % Recovery		PENS06

PARAMETER	81825A-19	81825A-20	81825A-21	81825A-22
N-Nitrosodiphenylamine, ug/kg dw	30	330	30U	---
4-Bromophenylphenyl ether, ug/kg dw	30	330	30U	---
Hexachlorobenzene, ug/kg dw	38	330	38U	---
Pentachlorophenol, ug/kg dw	34	1700	34U	67 %
Di-n-butylphthalate, ug/kg dw	39	330	39U	---
Butylbenzylphthalate, ug/kg dw	32	330	32U	---
3,3'-Dichlorobenzidine, ug/kg dw	26	660	26U	---
bis(2-Ethylhexyl)phthalate, ug/kg dw	44	330	44U	---
Di-n-octylphthalate, ug/kg dw	32	330	32U	---
Carbazole, ug/kg dw	30	330	30U	---
Surrogate - Phenol-d5	NA	NA	79 %	64 %
Surrogate - 2-Fluorophenol	NA	NA	76 %	58 %
Surrogate - 2,4,6-Tribromophenol	NA	NA	91 %	79 %
Surrogate - Nitrobenzene-d5	NA	NA	70 %	59 %
Surrogate - 2-Fluorobiphenyl	NA	NA	82 %	70 %
Surrogate - Terphenyl-d14	NA	NA	100 %	82 %
Dilution Factor	---	---	1	1
Prep Date	---	---	03.19.03	03.19.03
Analysis Date	---	---	03.23.03	03.23.03
Batch ID	---	---	0319A	0319A
Initial Volume	---	---	30.0	---
Final Volume	---	---	1.00	---

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • www.stl-inc.com

LOG NO: S3-81825A
Received: 18 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS06
Sampled By: Client
Code: 12363041

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR SOLID/SEMISOLID	DATE/ TIME SAMPLED	SDG#
81825A-19	Method Detection Limit (MDL)		PENS06
81825A-20	Reporting Limit (RL)		PENS06
81825A-21	Method Blank		PENS06
81825A-22	Lab Control Standard % Recovery		PENS06

PARAMETER	81825A-19	81825A-20	81825A-21	81825A-22
Low Level PAH (8270LL)				
Naphthalene, ug/kg dw	0.71	6.7	0.71U	70 %
Acenaphthylene, ug/kg dw	0.86	6.7	0.86U	---
Acenaphthene, ug/kg dw	0.90	6.7	0.90U	73 %
Fluorene, ug/kg dw	0.78	6.7	0.78U	76 %
Phenanthrene, ug/kg dw	0.80	6.7	0.80U	---
Anthracene, ug/kg dw	0.96	6.7	0.96U	---
Fluoranthene, ug/kg dw	0.86	6.7	0.86U	---
Pyrene, ug/kg dw	1.2	6.7	1.2U	86 %
Chrysene, ug/kg dw	1.0	6.7	1.0U	---
Benzo(a)anthracene, ug/kg dw	0.76	6.7	0.76U	---
Benzo(b)fluoranthene, ug/kg dw	0.96	6.7	0.96U	---
Benzo(k)fluoranthene, ug/kg dw	0.98	6.7	0.98U	---
Benzo(a)pyrene, ug/kg dw	0.90	6.7	0.90U	90 %
Indeno(1,2,3-cd)pyrene, ug/kg dw	0.65	6.7	0.65U	---
Dibenzo(a,h)anthracene, ug/kg dw	0.88	6.7	0.88U	---
Benzo(g,h,i)perylene, ug/kg dw	0.61	6.7	0.61U	---
2-Methylnaphthalene, ug/kg dw	0.53	6.7	0.53U	---
1-Methylnaphthalene, ug/kg dw	0.35	6.7	0.35U	---
Surrogate - o-Terphenyl	NA	---	90 %	78 %

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • www.stl-inc.com

LOG NO: S3-81825A
Received: 18 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS06
Sampled By: Client
Code: 12363041

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR SOLID/SEMISOLID	DATE/ TIME SAMPLED	SDG#
81825A-19	Method Detection Limit (MDL)		PENS06
81825A-20	Reporting Limit (RL)		PENS06
81825A-21	Method Blank		PENS06
81825A-22	Lab Control Standard % Recovery		PENS06

PARAMETER	81825A-19	81825A-20	81825A-21	81825A-22
Dilution Factor	---	---	1	1
Prep Date	---	---	03.19.03	03.19.03
Analysis Date	---	---	03.22.03	03.22.03
Batch ID	---	---	0319B	0319B
Initial Volume	---	---	1000	---
Final Volume	---	---	1.00	---

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81825A
Received: 18 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS06
Sampled By: Client
Code: 16383041

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR SOLID/SEMISOLID	DATE/ TIME SAMPLED	SDG#
81825A-19	Method Detection Limit (MDL)		PENS06
81825A-20	Reporting Limit (RL)		PENS06
81825A-21	Method Blank		PENS06
81825A-22	Lab Control Standard % Recovery		PENS06

PARAMETER	81825A-19	81825A-20	81825A-21	81825A-22
TCL Pesticides (8081)				
alpha-BHC, ug/kg dw	0.24	1.7	0.24U	---
beta-BHC, ug/kg dw	0.29	1.7	0.29U	---
delta-BHC, ug/kg dw	0.12	1.7	0.12U	---
gamma-BHC (Lindane), ug/kg dw	0.15	1.7	0.15U	98 %
Heptachlor, ug/kg dw	0.28	1.7	0.28U	91 %
Aldrin, ug/kg dw	0.11	1.7	0.11U	80 %
Heptachlor epoxide, ug/kg dw	0.17	1.7	0.17U	---
Endosulfan I, ug/kg dw	0.17	1.7	0.17U	---
Dieldrin, ug/kg dw	0.31	3.3	0.31U	88 %
4,4'-DDE, ug/kg dw	0.54	3.3	0.54U	---
Endrin, ug/kg dw	0.43	3.3	0.43U	94 %
Endrin aldehyde, ug/kg dw	0.31	3.3	0.31U	---
Endosulfan II, ug/kg dw	0.22	3.3	0.22U	---
4,4'-DDD, ug/kg dw	0.35	3.3	0.35U	---
Endosulfan sulfate, ug/kg dw	0.44	3.3	0.44U	---
4,4'-DDT, ug/kg dw	0.31	3.3	0.31U	94 %
Endrin ketone, ug/kg dw	0.38	3.3	0.38U	---
Methoxychlor, ug/kg dw	0.20	17	0.20U	---
alpha-Chlordane, ug/kg dw	0.11	1.7	0.11U	---

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81825A
Received: 18 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS06
Sampled By: Client
Code: 16383041

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR SOLID/SEMISOLID	DATE/ TIME SAMPLED	SDG#
81825A-19	Method Detection Limit (MDL)		PENS06
81825A-20	Reporting Limit (RL)		PENS06
81825A-21	Method Blank		PENS06
81825A-22	Lab Control Standard % Recovery		PENS06

PARAMETER	81825A-19	81825A-20	81825A-21	81825A-22
gamma-Chlordane, ug/kg dw	0.13	1.7	0.13U	---
Toxaphene, ug/kg dw	33	170	33U	---
Surrogate - DCB	NA	NA	118 %	106 %
Surrogate - 2,4,5,6-Tetrachloro-m-xylene (TCMX)	NA	NA	106 %	88 %
Dilution Factor	---	---	1	1
Prep Date	---	---	03.20.03	03.20.03
Analysis Date	---	---	03.28.03	03.28.03
Batch ID	---	---	03200	03200
Initial Volume	---	---	30.0	---
Final Volume	---	---	10.0	---

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • www.stl-inc.com

LOG NO: S3-81825A
Received: 18 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS06
Sampled By: Client
Code: 12363041

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR SOLID/SEMISOLID	DATE/ TIME SAMPLED	SDG#
81825A-19	Method Detection Limit (MDL)		PENS06
81825A-20	Reporting Limit (RL)		PENS06
81825A-21	Method Blank		PENS06
81825A-22	Lab Control Standard % Recovery		PENS06

PARAMETER	81825A-19	81825A-20	81825A-21	81825A-22
PCB's (8082)				
Aroclor-1016, ug/kg dw	3.9	33	3.9U	88 %
Aroclor-1221, ug/kg dw	17	67	17U	---
Aroclor-1232, ug/kg dw	6.7	33	6.7U	---
Aroclor-1242, ug/kg dw	6.7	33	6.7U	---
Aroclor-1248, ug/kg dw	6.5	33	6.5U	---
Aroclor-1254, ug/kg dw	6.7	33	6.7U	---
Aroclor-1260, ug/kg dw	4.4	33	4.4U	97 %
Surrogate - TCX	NA	NA	106 %	94 %
Surrogate - DCB	NA	NA	118 %	106 %
Dilution Factor	---	---	1	1
Prep Date	---	---	03.20.03	03.20.03
Analysis Date	---	---	03.28.03	03.28.03
Batch ID	---	---	03200	03200
Initial Volume	---	---	30.0	---
Final Volume	---	---	10.0	---

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • www.stl-inc.com

LOG NO: S3-81825A
Received: 18 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS06
Sampled By: Client
Code: 12363041

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR SOLID/SEMISOLID	DATE/ TIME SAMPLED	SDG#
81825A-23	Instrument Detection Limit (IDL)		PENS06
81825A-24	Reporting Limit (RL)		PENS06
81825A-25	Method Blank		PENS06
81825A-26	Lab Control Standard % Recovery		PENS06

PARAMETER	81825A-23	81825A-24	81825A-25	81825A-26
TAL Metals (6010)				
Aluminum, mg/kg dw	1.1	20.0	2.5B	103 %
Antimony, mg/kg dw	0.38	2.0	0.38U	101 %
Arsenic, mg/kg dw	0.39	1.0	0.39U	99 %
Barium, mg/kg dw	0.050	1.0	0.37B	107 %
Beryllium, mg/kg dw	0.010	0.40	0.010B	103 %
Cadmium, mg/kg dw	0.040	0.50	0.050B	99 %
Calcium, mg/kg dw	0.64	50	1.4B	106 %
Chromium, mg/kg dw	0.090	1.0	0.21B	107 %
Cobalt, mg/kg dw	0.070	1.0	0.070U	103 %
Copper, mg/kg dw	0.080	2.0	0.098B	106 %
Iron, mg/kg dw	1.6	5.0	1.6U	98 %
Lead, mg/kg dw	0.19	0.50	0.23B	102 %
Magnesium, mg/kg dw	0.74	50	0.84B	103 %
Manganese, mg/kg dw	0.050	1.0	0.050U	107 %
Nickel, mg/kg dw	0.12	4.0	0.12U	101 %
Potassium, mg/kg dw	1.7	100	1.7U	99 %
Selenium, mg/kg dw	0.43	1.0	0.58B	97 %
Silver, mg/kg dw	0.10	1.0	0.10U	107 %
Sodium, mg/kg dw	17	50	31B	96 %

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81825A
Received: 18 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS06
Sampled By: Client
Code: 12363041

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR SOLID/SEMISOLID	DATE/ TIME SAMPLED	SDG#
81825A-23	Instrument Detection Limit (IDL)		PENS06
81825A-24	Reporting Limit (RL)		PENS06
81825A-25	Method Blank		PENS06
81825A-26	Lab Control Standard % Recovery		PENS06

PARAMETER	81825A-23	81825A-24	81825A-25	81825A-26
Thallium, mg/kg dw	0.66	1.0	0.66U	101 %
Vanadium, mg/kg dw	0.10	1.0	0.10U	103 %
Zinc, mg/kg dw	0.18	2.0	0.48B	105 %
Dilution Factor	---	---	1	1
Prep Date	---	---	03.24.03	03.24.03
Analysis Date	---	---	03.27.03	03.27.03
Batch ID	---	---	0324A	0324A
Initial Volume	---	---	1.00	---
Final Volume	---	---	100	---
Mercury (7471)				
Mercury, mg/kg dw	0.0050	0.020	0.0050U	96 %
Dilution Factor	---	---	1	1
Prep Date	---	---	03.20.03	03.20.03
Analysis Date	---	---	03.26.03	03.26.03
Batch ID	---	---	0320S	0320S
Initial Volume	---	---	1.00	---
Final Volume	---	---	50	---

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • www.stl-inc.com

LOG NO: S3-81825A
Received: 18 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS06
Sampled By: Client
Code: 16383041

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81825A-27	Method Detection Limit (MDL)		PENS06
81825A-28	Reporting Limit (RL)		PENS06
81825A-29	Method Blank		PENS06
81825A-30	SPLP Extraction Fluid Blank		PENS06
81825A-31	Lab Control Standard % Recovery		PENS06

PARAMETER	81825A-27	81825A-28	81825A-29	81825A-30	81825A-31
TCL Pesticides - SPLP (SPLP8081)					
alpha-BHC, ug/l	0.0035	0.050	0.0035U	0.0035U	---
beta-BHC, ug/l	0.0035	0.050	0.0035U	0.0035U	---
delta-BHC, ug/l	0.0090	0.050	0.0090U	0.0090U	---
gamma-BHC (Lindane), ug/l	0.0030	0.050	0.0030U	0.0030U	65 %
Heptachlor, ug/l	0.014	0.050	0.014U	0.014U	72 %
Aldrin, ug/l	0.0086	0.050	0.0086U	0.0086U	71 %
Heptachlor epoxide, ug/l	0.0026	0.050	0.0026U	0.0026U	---
Endosulfan I, ug/l	0.0099	0.050	0.0099U	0.0099U	---
Dieldrin, ug/l	0.0060	0.10	0.0060U	0.0060U	85 %
4,4'-DDE, ug/l	0.010	0.10	0.010U	0.010U	---
Endrin, ug/l	0.0097	0.10	0.0097U	0.0097U	85 %
Endosulfan II, ug/l	0.0084	0.10	0.0084U	0.0084U	---
4,4'-DDD, ug/l	0.016	0.10	0.016U	0.016U	---
Endosulfan sulfate, ug/l	0.0085	0.10	0.0085U	0.0085U	---
4,4'-DDT, ug/l	0.014	0.10	0.014U	0.014U	85 %
Methoxychlor, ug/l	0.0070	0.50	0.0070U	0.0070U	---
Endrin ketone, ug/l	0.0072	0.10	0.0072U	0.0072U	---
Endrin aldehyde, ug/l	0.014	0.10	0.014U	0.014U	---

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • www.stl-inc.com

LOG NO: S3-81825A
Received: 18 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS06
Sampled By: Client
Code: 16383041

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81825A-27	Method Detection Limit (MDL)		PENS06
81825A-28	Reporting Limit (RL)		PENS06
81825A-29	Method Blank		PENS06
81825A-30	SPLP Extraction Fluid Blank		PENS06
81825A-31	Lab Control Standard % Recovery		PENS06

PARAMETER	81825A-27	81825A-28	81825A-29	81825A-30	81825A-31
alpha-Chlordane, ug/l	0.0084	0.050	0.0084U	0.0084U	---
gamma-Chlordane, ug/l	0.0070	0.050	0.0070U	0.0070U	---
Toxaphene, ug/l	0.77	5.0	0.77U	0.77U	---
Surrogate - 2,4,5,6-Tetrachloro-m-xylene (TCMX)	NA	NA	66 %	74 %	72 %
Surrogate - DCB	NA	NA	68 %	44 %	70 %
Dilution Factor	---	---	1	1	1
Prep Date	---	---	03.20.03	03.20.03	03.20.03
Analysis Date	---	---	03.25.03	03.25.03	03.25.03
Batch ID	---	---	0320Q	0320Q	0320Q
Initial Volume	---	---	1000	1000	---
Final Volume	---	---	10.0	10.0	---

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • www.stl-inc.com

LOG NO: S3-81825A
Received: 18 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS06
Sampled By: Client
Code: 12363041

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81825A-27	Method Detection Limit (MDL)		PENS06
81825A-28	Reporting Limit (RL)		PENS06
81825A-29	Method Blank		PENS06
81825A-30	SPLP Extraction Fluid Blank		PENS06
81825A-31	Lab Control Standard % Recovery		PENS06

PARAMETER	81825A-27	81825A-28	81825A-29	81825A-30	81825A-31
PCB's (SPLP) (8082)					
Aroclor-1016, ug/l	0.11	1.0	0.11U	0.11U	70 %
Aroclor-1221, ug/l	0.50	2.0	0.50U	0.50U	---
Aroclor-1232, ug/l	0.18	1.0	0.18U	0.18U	---
Aroclor-1242, ug/l	0.14	1.0	0.14U	0.14U	---
Aroclor-1248, ug/l	0.11	1.0	0.11U	0.11U	---
Aroclor-1254, ug/l	0.20	1.0	0.20U	0.20U	---
Aroclor-1260, ug/l	0.11	1.0	0.11U	0.11U	90 %
Surrogate - DCB	NA	NA	68 %	44 %	68 %
Surrogate - TCX	---	---	66 %	74 %	58 %
Dilution Factor	---	---	1	1	1
Prep Date	---	---	03.20.03	03.20.03	03.20.03
Analysis Date	---	---	03.25.03	03.25.03	03.25.03
Batch ID	---	---	0320Q	0320Q	0320Q
Initial Volume	---	---	1000	1000	---
Final Volume	---	---	10.0	10.0	---

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81825A
Received: 18 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS06
Sampled By: Client
Code: 12363041

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81825A-27	Method Detection Limit (MDL)		PENS06
81825A-28	Reporting Limit (RL)		PENS06
81825A-29	Method Blank		PENS06
81825A-30	SPLP Extraction Fluid Blank		PENS06
81825A-31	Lab Control Standard % Recovery		PENS06

PARAMETER	81825A-27	81825A-28	81825A-29	81825A-30	81825A-31
TCL Semivolatiles - SPLP (SPLP8270)					
Phenol, ug/l	1.0	10	1.0U	1.0U	73 %
bis(2-Chloroethyl)ether, ug/l	1.0	10	1.0U	1.0U	---
2-Chlorophenol, ug/l	0.79	10	0.79U	0.79U	82 %
1,3-Dichlorobenzene, ug/l	1.0	10	1.0U	1.0U	---
1,4-Dichlorobenzene, ug/l	1.0	10	1.0U	1.0U	63 %
1,2-Dichlorobenzene, ug/l	1.0	10	1.0U	1.0U	---
2-Methylphenol (o-Cresol), ug/l	0.59	10	0.59U	0.59U	---
2,2'-Oxybis(1-Chloropropane) (bis-2-chloroisopropyl ether), ug/l	0.58	10	0.58U	0.58U	---
3-Methylphenol/4-Methylphen ol (m&p-Cresol), ug/l	1.0	10	1.0U	1.0U	---
N-Nitroso-di-n-propylamine, ug/l	1.0	10	1.0U	1.0U	81 %
Hexachloroethane, ug/l	0.70	10	0.70U	0.70U	---
Nitrobenzene, ug/l	1.0	10	1.0U	1.0U	---
Isophorone, ug/l	1.0	10	1.0U	1.0U	---
2-Nitrophenol, ug/l	1.1	10	1.1U	1.1U	---
2,4-Dimethylphenol, ug/l	1.1	10	1.1U	1.1U	---

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • www.stl-inc.com

LOG NO: S3-81825A
Received: 18 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS06
Sampled By: Client
Code: 12363041

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81825A-27	Method Detection Limit (MDL)		PENS06
81825A-28	Reporting Limit (RL)		PENS06
81825A-29	Method Blank		PENS06
81825A-30	SPLP Extraction Fluid Blank		PENS06
81825A-31	Lab Control Standard % Recovery		PENS06

PARAMETER	81825A-27	81825A-28	81825A-29	81825A-30	81825A-31
bis(2-Chloroethoxy)methane, ug/l	1.0	10	1.0U	1.0U	---
2,4-Dichlorophenol, ug/l	0.76	10	0.76U	0.76U	---
1,2,4-Trichlorobenzene, ug/l	0.51	10	0.51U	0.51U	69 %
4-Chloroaniline, ug/l	1.0	20	1.0U	1.0U	---
Hexachlorobutadiene, ug/l	0.50	10	0.50U	0.50U	---
4-Chloro-3-methylphenol, ug/l	1.0	10	1.0U	1.0U	83 %
Hexachlorocyclopentadiene, ug/l	1.1	10	1.1U	1.1U	---
2,4,6-Trichlorophenol, ug/l	1.1	10	1.1U	1.1U	---
2,4,5-Trichlorophenol, ug/l	1.1	10	1.1U	1.1U	---
2-Chloronaphthalene, ug/l	1.0	10	1.0U	1.0U	---
2-Nitroaniline, ug/l	0.72	50	0.72U	0.72U	---
Dimethylphthalate, ug/l	0.57	10	0.57U	0.57U	---
3-Nitroaniline, ug/l	0.64	50	0.64U	0.64U	---
2,4-Dinitrophenol, ug/l	10	50	10U	10U	---
4-Nitrophenol, ug/l	5.0	50	5.0U	5.0U	81 %
Dibenzofuran, ug/l	1.0	10	1.0U	1.0U	---
2,4-Dinitrotoluene, ug/l	1.1	10	1.1U	1.1U	83 %
2,6-Dinitrotoluene, ug/l	0.87	10	0.87U	0.87U	---
Diethylphthalate, ug/l	1.0	10	1.0U	1.0U	---

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • www.stl-inc.com

LOG NO: S3-81825A
Received: 18 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS06
Sampled By: Client
Code: 12363041

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81825A-27	Method Detection Limit (MDL)		PENS06
81825A-28	Reporting Limit (RL)		PENS06
81825A-29	Method Blank		PENS06
81825A-30	SPLP Extraction Fluid Blank		PENS06
81825A-31	Lab Control Standard % Recovery		PENS06

PARAMETER	81825A-27	81825A-28	81825A-29	81825A-30	81825A-31
4-Chlorophenylphenyl ether, ug/l	0.70	10	0.70U	0.70U	---
4-Nitroaniline, ug/l	0.86	50	0.86U	0.86U	---
4,6-Dinitro-2-methylphenol, ug/l	10	50	10U	10U	---
N-Nitrosodiphenylamine, ug/l	1.0	10	1.0U	1.0U	---
4-Bromophenylphenyl ether, ug/l	1.0	10	1.0U	1.0U	---
Hexachlorobenzene, ug/l	0.61	10	0.61U	0.61U	---
Pentachlorophenol, ug/l	2.0	50	2.0U	2.0U	87 %
Di-n-butylphthalate, ug/l	1.0	10	1.0U	1.0U	---
Butylbenzylphthalate, ug/l	0.74	10	0.74U	0.74U	---
3,3'-Dichlorobenzidine, ug/l	1.0	20	1.0U	1.0U	---
bis(2-Ethylhexyl)phthalate, ug/l	2.4	10	2.4U	2.4U	---
Di-n-octylphthalate, ug/l	1.2	10	1.2U	1.2U	---
Carbazole, ug/l	0.54	10	0.54U	0.54U	---
Surrogate - Phenol-d5	NA	NA	79 %	79 %	87 %
Surrogate - 2-Fluorophenol	NA	NA	77 %	83 %	82 %
Surrogate - 2,4,6-Tribromophenol	NA	NA	95 %	90 %	100 %
Surrogate - Nitrobenzene-d5	NA	NA	84 %	92 %	92 %
Surrogate - 2-Fluorobiphenyl	NA	NA	94 %	94 %	100 %
Surrogate - Terphenyl-d14	NA	NA	84 %	92 %	102 %

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81825A
Received: 18 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS06
Sampled By: Client
Code: 12363041

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81825A-27	Method Detection Limit (MDL)		PENS06
81825A-28	Reporting Limit (RL)		PENS06
81825A-29	Method Blank		PENS06
81825A-30	SPLP Extraction Fluid Blank		PENS06
81825A-31	Lab Control Standard % Recovery		PENS06

PARAMETER	81825A-27	81825A-28	81825A-29	81825A-30	81825A-31
Dilution Factor	---	---	1	1	1
Prep Date	---	---	03.21.03	03.21.03	03.21.03
Analysis Date	---	---	03.28.03	03.28.03	03.28.03
Batch ID	---	---	0321D	0321D	0321D
Initial Volume	---	---	1000	1000	---
Final Volume	---	---	1.00	1.00	---

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81825A
Received: 18 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS06
Sampled By: Client
Code: 12363041

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81825A-27	Method Detection Limit (MDL)		PENS06
81825A-28	Reporting Limit (RL)		PENS06
81825A-29	Method Blank		PENS06
81825A-30	SPLP Extraction Fluid Blank		PENS06
81825A-31	Lab Control Standard % Recovery		PENS06

PARAMETER	81825A-27	81825A-28	81825A-29	81825A-30	81825A-31
Low Level PAHs in SPLP Extract (SPLP8270LL)					
Acenaphthene, ug/l	0.025	0.20	0.025U	0.025U	90 %
Acenaphthylene, ug/l	0.024	0.20	0.024U	0.024U	---
Anthracene, ug/l	0.031	0.20	0.031U	0.031U	---
Benzo(a)anthracene, ug/l	0.070	0.20	0.070U	0.070U	---
Benzo(a)pyrene, ug/l	0.060	0.20	0.060U	0.060U	95 %
Benzo(b)fluoranthene, ug/l	0.074	0.20	0.074U	0.074U	---
Benzo(g,h,i)perylene, ug/l	0.096	0.20	0.096U	0.096U	---
Benzo(k)fluoranthene, ug/l	0.058	0.20	0.058U	0.058U	---
Chrysene, ug/l	0.088	0.20	0.088U	0.088U	---
Dibenzo(a,h)anthracene, ug/l	0.065	0.20	0.065U	0.065U	---
Fluoranthene, ug/l	0.061	0.20	0.061U	0.061U	---
Fluorene, ug/l	0.026	0.20	0.026U	0.026U	95 %
Indeno(1,2,3-cd)pyrene, ug/l	0.080	0.20	0.080U	0.080U	---
Naphthalene, ug/l	0.028	0.20	0.028U	0.028U	85 %
Phenanthrene, ug/l	0.025	0.20	0.025U	0.025U	---
Pyrene, ug/l	0.042	0.20	0.042U	0.042U	105 %
1-Methylnaphthalene, ug/l	0.028	0.20	0.028U	0.028U	---

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • www.stl-inc.com

LOG NO: S3-81825A
Received: 18 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS06
Sampled By: Client
Code: 12363041

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81825A-27	Method Detection Limit (MDL)		PENS06
81825A-28	Reporting Limit (RL)		PENS06
81825A-29	Method Blank		PENS06
81825A-30	SPLP Extraction Fluid Blank		PENS06
81825A-31	Lab Control Standard % Recovery		PENS06

PARAMETER	81825A-27	81825A-28	81825A-29	81825A-30	81825A-31
2-Methylnaphthalene, ug/l	0.022	0.20	0.022U	0.022U	---
Surrogate - o-Terphenyl	NA	---	125 %	105 %	110 %
Dilution Factor	---	---	1	1	1
Prep Date	---	---	03.20.03	03.20.03	03.20.03
Analysis Date	---	---	03.22.03	03.22.03	03.22.03
Batch ID	---	---	0320G	0320G	0320G
Initial Volume	---	---	1000	1000	---
Final Volume	---	---	1.00	1.00	---

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81825A
Received: 18 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS06
Sampled By: Client
Code: 12363041

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81825A-32	Instrument Detection Limit (IDL)		PENS06
81825A-33	Reporting Limit (RL)		PENS06
81825A-34	Method Blank/SPLP Extraction Fluid Blank		PENS06
81825A-35	Lab Control Standard % Recovery		PENS06

PARAMETER	81825A-32	81825A-33	81825A-34	81825A-35
TAL Metals - SPLP (SPLP6010)				
Aluminum (SPLP), ug/l	11	200	140B	114 %
Antimony (SPLP), ug/l	3.8	20	3.8U	105 %
Arsenic (SPLP), ug/l	3.9	10	3.9U	102 %
Barium (SPLP), ug/l	0.50	10	0.85B	107 %
Beryllium (SPLP), ug/l	0.10	4.0	0.10U	104 %
Cadmium (SPLP), ug/l	0.40	5.0	0.40U	101 %
Calcium (SPLP), ug/l	6.4	500	140B	109 %
Chromium (SPLP), ug/l	0.90	10	1.7B	107 %
Cobalt (SPLP), ug/l	0.70	10	0.70U	105 %
Copper (SPLP), ug/l	0.80	20	2.9B	108 %
Iron (SPLP), ug/l	16	200	71B	111 %
Lead (SPLP), ug/l	1.9	5.0	1.9U	105 %
Magnesium (SPLP), ug/l	7.4	500	30B	105 %
Manganese (SPLP), ug/l	0.50	50	12B	110 %
Nickel (SPLP), ug/l	1.2	40	1.2U	104 %
Potassium (SPLP), ug/l	17	1000	130B	113 %
Selenium (SPLP), ug/l	4.3	10	4.3U	101 %
Silver (SPLP), ug/l	1.0	10	1.0U	108 %
Sodium (SPLP), ug/l	170	500	7700X	256 %X

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • www.stl-inc.com

LOG NO: S3-81825A
Received: 18 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS06
Sampled By: Client
Code: 12363041

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81825A-32	Instrument Detection Limit (IDL)		PENS06
81825A-33	Reporting Limit (RL)		PENS06
81825A-34	Method Blank/SPLP Extraction Fluid Blank		PENS06
81825A-35	Lab Control Standard % Recovery		PENS06

PARAMETER	81825A-32	81825A-33	81825A-34	81825A-35
Thallium (SPLP), ug/l	6.6	10	6.6U	105 %
Vanadium (SPLP), ug/l	1.0	10	1.0U	104 %
Zinc (SPLP), ug/l	1.8	20	13B	108 %
Dilution Factor	---	---	1	1
Prep Date	---	---	03.25.03	03.25.03
Analysis Date	---	---	03.27.03	03.27.03
Batch ID	---	---	0325P	0325P
Initial Volume	---	---	50	---
Final Volume	---	---	50	---
Mercury (SPLP) (SPLP7470)				
Mercury (SPLP), ug/l	0.10	0.20	0.10U	105 %
Dilution Factor	---	---	1	1
Prep Date	---	---	03.25.03	03.25.03
Analysis Date	---	---	03.26.03	03.26.03
Batch ID	---	---	0325U	0325U
Initial Volume	---	---	50	---
Final Volume	---	---	50	---

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • www.stl-inc.com

LOG NO: S3-81825A
Received: 18 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS06
Sampled By: Client
Code: 12363041

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81825A-32	Instrument Detection Limit (IDL)		PENS06
81825A-33	Reporting Limit (RL)		PENS06
81825A-34	Method Blank/SPLP Extraction Fluid Blank		PENS06
81825A-35	Lab Control Standard % Recovery		PENS06

PARAMETER	81825A-32	81825A-33	81825A-34	81825A-35

These test results meet all the requirements of NELAC. All questions regarding this test report should be directed to the STL Project Manager who signed this test report.
SW-846, Test Methods for Evaluating Solid Waste, Third Edition, September 1986, and Updates I, II, IIA, IIB, and III.

U = Indicates compound was analyzed for but not detected.

J = The flag "J" indicates the presence of a compound that meets the identification criteria, but the result is less than the sample RL and greater than the MDL.
P = Identification of target analytes using GC methodology is based on retention time. Although two dissimilar GC columns confirmed the presence of the target analyte in the sample, relative percent difference is >40 %. Thus, viewer discretion should be employed during data review and interpretation of results for this target compound.
B (Inorganic) = This flag indicates the reported value was obtained from a reading that was less than the Project Reporting Limits but greater than or equal to the Method Detection Limit (MDL).
X (SPLP Sodium) - The filter pads used in the SPLP procudure contain calcium and sodium. The SPLP equipment is made of alloys containing iron. Therefore the presence of these elements may be high biased. Sodium was detected in the preparation blank and samples of this SDG.

Linda A Wolfe
Linda A. Wolfe, Project Manager

Final Page Of Report

ENSAFE

800-588-7962
MEMPHIS, TENNESSEE
CHARLESTON,SC; CINCINNATI,OH; DALLAS,TX; JACKSON,TN; KNOXVILLE,TN; LANCASTER,PA; NASHVILLE,TN; NORFOLK,VA; PADUCAH,KY; PENSACOLA,FL; RALEIGH,NC; COLOGNE, GERMANY

CHAIN OF CUSTODY RECORD

PAGE _____ OF _____

PROJECT/JOB NO: _____
COC NO: _____
PO NO: _____
REL NO: _____
LAB NAME: PACE PAHs PACE

CLIENT EnSafe
LOCATION NAVY
SAMPLERS: (SIGNATURE) B Caldwell

PROJECT MANAGER _____
TELE/FAX NO. _____

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	ANALYSIS REQUIRED: TAL Metals	SPLP TAL Metals	Pest/PCBs	SPLP Pest/PCBs	TCL SVOCs/Lowest. PAHs	SPLP TCL SVOCs/Lowest. PAHs	REMARKS
012500081 4	3/17	1400	S	500ml glass	✓		1			X	X			
025500081 4	3/17	1145	S	500ml glass	✓		1					X	X	
012500130 5	3/17	1100	S	250ml plastic	✓		1	X	X					
012500080 5	3/17	1345	S	250ml plastic	✓		1	X	X					
025500051 4	3/17	1300	S	500ml glass	✓		1					X	X	
012500161 0	3/17	1130	S	250ml plastic	✓		1	X	X					
012500031 5	3/17	1500	S	500ml glass	✓		1			X	X			
012500070 5	3/17	1415	S	250ml plastic	✓		1	X	X					
012500090 5	3/17	1010	S	250ml plastic	✓		1	X	X					
012500100 5	3/17	0920	S	250ml plastic	✓		1	X	X					
030500060 8	3/15	1035	S	500ml glass	✓		2					X	X	
030501230 4	3/15	1130	S	500ml glass	✓		2			X	X	X	X	⊗
030500121 2	3/15	1000	S	500ml glass	✓		2					X	X	
027500170 6	3/15	1100	S	500ml glass	✓		2					X	X	
011500150 6	3/15	1200	S	500ml glass/250plastic	✓		2	X	X					
~~012500131 5~~	~~3/17~~	~~1500~~	~~S~~	~~500ml glass~~	✓		1			X	X			Did not submit per Brian Caldwell. LA Redmond 3/18/03

RELINQUISHER:	DATE	TIME	RECEIVER:	DATE	TIME	RELINQUISHER:	DATE	TIME	RECEIVER:	DATE	TIME
PRINTED:			PRINTED:	03/17/03	0938	PRINTED:			PRINTED:		
COMPANY:			COMPANY: STL SAV			COMPANY:			COMPANY:		

METHOD OF SHIPMENT: _____
SHIPMENT NO. _____
SEND RESULTS TO: _____

COMMENTS: S381825

ANALYTICAL DATA RECEIVED BY (INITIALS/DATE) _____

ENSCOC2
REV. 05/98

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81850
Received: 19 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS07
Sampled By: Client
Code: 211830331

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81850-1	059T031803	03-18-03/08:00	PENS07
81850-2	030GS02003	03-18-03/10:25	PENS07
81850-3	030GS00503	03-18-03/09:40	PENS07
81850-4	030GS03303	03-18-03/13:15	PENS07

PARAMETER	81850-1	81850-2	81850-3	81850-4
Volatiles by GC/MS (8260)				
Chloromethane, ug/l	0.40U	0.40U	0.40U	0.40U
Bromomethane (Methyl bromide), ug/l	0.49U	0.49U	0.49U	0.49U
Vinyl chloride, ug/l	0.13U	0.19J	0.13U	0.13U
Chloroethane, ug/l	0.86U	0.86U	0.86U	0.86U
Methylene chloride (Dichloromethane), ug/l	0.61U	0.61U	0.61U	0.61U
Acetone, ug/l	4.1J	2.3U	6.3J	5.0J
Carbon disulfide, ug/l	0.72U	0.72U	0.72U	0.72U
1,1-Dichloroethene, ug/l	0.31U	0.31U	0.31U	0.31U
1,1-Dichloroethane, ug/l	0.12U	0.12U	0.12U	0.12U
cis-1,2-Dichloroethene, ug/l	0.16U	0.72J	0.38J	0.16U
trans-1,2-Dichloroethene, ug/l	0.36U	0.36U	0.36U	0.36U
Chloroform, ug/l	0.12U	0.12U	0.34J	0.12U
1,2-Dichloroethane, ug/l	0.18U	0.18U	0.18U	0.18U
2-Butanone (MEK), ug/l	0.53J	0.53J	0.66J	0.48U
1,1,1-Trichloroethane, ug/l	0.065U	0.065U	0.065U	2.1
Carbon tetrachloride, ug/l	0.15U	0.15U	0.15U	0.15U
Bromodichloromethane, ug/l	0.18U	0.18U	0.18U	0.18U

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • www.stl-inc.com

LOG NO: S3-81850
Received: 19 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS07
Sampled By: Client
Code: 211830331

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81850-1	059T031803	03-18-03/08:00	PENS07
81850-2	030GS02003	03-18-03/10:25	PENS07
81850-3	030GS00503	03-18-03/09:40	PENS07
81850-4	030GS03303	03-18-03/13:15	PENS07

PARAMETER	81850-1	81850-2	81850-3	81850-4
1,1,2,2-Tetrachloroethane, ug/l	0.17U	0.17U	0.17U	0.17U
1,2-Dichloropropane, ug/l	0.17U	0.17U	0.17U	0.17U
trans-1,3-Dichloropropene, ug/l	0.15U	0.15U	0.15U	0.15U
Trichloroethene, ug/l	0.13U	0.13U	0.13U	0.85J
Dibromochloromethane, ug/l	0.078U	0.078U	0.078U	0.078U
1,1,2-Trichloroethane, ug/l	0.11U	0.11U	0.11U	0.11U
Benzene, ug/l	0.096U	0.096U	0.096U	0.096U
cis-1,3-Dichloropropene, ug/l	0.12U	0.12U	0.12U	0.12U
Bromoform, ug/l	0.19U	0.19U	0.19U	0.19U
2-Hexanone, ug/l	0.29U	0.29U	0.29U	0.29U
4-Methyl-2-pentanone (MIBK), ug/l	0.27U	0.27U	0.27U	0.27U
Tetrachloroethene, ug/l	0.43U	0.43U	0.43U	2.6
Toluene, ug/l	0.065U	0.091J	0.065U	0.065U
Chlorobenzene, ug/l	0.10U	0.10U	0.10U	0.10U
Ethylbenzene, ug/l	0.11U	0.11U	0.17J	0.11U
Styrene, ug/l	0.88J	0.050U	0.050U	0.050U
Xylenes, Total, ug/l	0.28U	0.28U	0.28U	0.28U
Surrogate - Toluene-d8	84 %	90 %	88 %	88 %
Surrogate - 4-Bromofluorobenzene	82 %	96 %	80 %	96 %
Surrogate - Dibromofluoromethane	104 %	98 %	96 %	100 %

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81850
Received: 19 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS07
Sampled By: Client
Code: 211830331

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81850-1	059T031803	03-18-03/08:00	PENS07
81850-2	030GS02003	03-18-03/10:25	PENS07
81850-3	030GS00503	03-18-03/09:40	PENS07
81850-4	030GS03303	03-18-03/13:15	PENS07

PARAMETER	81850-1	81850-2	81850-3	81850-4
Dilution Factor	1	1	1	1
Prep Date	03.28.03	03.28.03	03.28.03	03.28.03
Analysis Date	03.28.03	03.28.03	03.28.03	03.28.03
Batch ID	2P0327	2P0327	1P0328	2P0327
Initial Volume	5.00	5.00	5.00	5.00
Final Volume	5.00	5.00	5.00	5.00

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81850
Received: 19 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS07
Sampled By: Client
Code: 211830331

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81850-5	030GS00603	03-18-03/12:00	PENS07
81850-5-DL	030GS00603	03-18-03/12:00	PENS07
81850-6	030GI12603	03-18-03/15:00	PENS07
81850-7	030GS01803	03-18-03/11:35	PENS07

PARAMETER	81850-5	81850-5-DL	81850-6	81850-7
TCL Semivolatiles (8270)		---		
Phenol, ug/l	1.0U	---	1.0U	1.0U
bis(2-Chloroethyl)ether, ug/l	1.0U	---	1.0U	1.0U
2-Chlorophenol, ug/l	0.79U	---	0.79U	0.79U
1,3-Dichlorobenzene, ug/l	1.0U	---	1.0U	1.0U
1,4-Dichlorobenzene, ug/l	1.0U	---	1.0U	1.0U
1,2-Dichlorobenzene, ug/l	19	---	1.0U	1.1J
2-Methylphenol (o-Cresol), ug/l	0.59U	---	0.59U	0.59U
2,2'-Oxybis(1-Chloropropane) (bis-2-chloroisopropyl ether), ug/l	0.58U	---	0.58U	0.58U
3-Methylphenol/4-Methylphen ol (m&p-Cresol), ug/l	40	---	1.0U	1.0U
N-Nitroso-di-n-propylamine, ug/l	1.0U	---	1.0U	1.0U
Hexachloroethane, ug/l	0.70U	---	0.70U	0.70U
Nitrobenzene, ug/l	1.0U	---	1.0U	1.0U
Isophorone, ug/l	1.0U	---	1.0U	1.0U
2-Nitrophenol, ug/l	1.1U	---	1.1U	1.1U
2,4-Dimethylphenol, ug/l	1.1U	---	1.1U	1.1U
bis(2-Chloroethoxy)methane, ug/l	1.0U	---	1.0U	1.0U

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81850
Received: 19 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS07
Sampled By: Client
Code: 211830331

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81850-5	030GS00603	03-18-03/12:00	PENS07
81850-5-DL	030GS00603	03-18-03/12:00	PENS07
81850-6	030GI12603	03-18-03/15:00	PENS07
81850-7	030GS01803	03-18-03/11:35	PENS07

PARAMETER	81850-5	81850-5-DL	81850-6	81850-7
2,4-Dichlorophenol, ug/l	0.76U	---	0.76U	0.76U
1,2,4-Trichlorobenzene, ug/l	0.51U	---	0.51U	0.51U
4-Chloroaniline, ug/l	1.0U	---	1.0U	1.0U
Hexachlorobutadiene, ug/l	0.50U	---	0.50U	0.50U
4-Chloro-3-methylphenol, ug/l	1.0U	---	1.0U	1.0U
Hexachlorocyclopentadiene, ug/l	1.1U	---	1.1U	1.1U
2,4,6-Trichlorophenol, ug/l	1.1U	---	1.1U	1.1U
2,4,5-Trichlorophenol, ug/l	1.1U	---	1.1U	1.1U
2-Chloronaphthalene, ug/l	1.0U	---	1.0U	1.0U
2-Nitroaniline, ug/l	0.72U	---	0.72U	0.72U
Dimethylphthalate, ug/l	0.57U	---	0.57U	0.57U
3-Nitroaniline, ug/l	0.64U	---	0.64U	0.64U
2,4-Dinitrophenol, ug/l	10U	---	10U	10U
4-Nitrophenol, ug/l	5.0U	---	5.0U	5.0U
Dibenzofuran, ug/l	1.0U	---	1.0U	1.0U
2,4-Dinitrotoluene, ug/l	1.1U	---	1.1U	1.1U
2,6-Dinitrotoluene, ug/l	0.87U	---	0.87U	0.87U
Diethylphthalate, ug/l	1.0U	---	1.0U	1.0U
4-Chlorophenylphenyl ether, ug/l	0.70U	---	0.70U	0.70U
4-Nitroaniline, ug/l	0.86U	---	0.86U	0.86U

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81850
Received: 19 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS07
Sampled By: Client
Code: 211830331

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81850-5	030GS00603	03-18-03/12:00	PENS07
81850-5-DL	030GS00603	03-18-03/12:00	PENS07
81850-6	030GI12603	03-18-03/15:00	PENS07
81850-7	030GS01803	03-18-03/11:35	PENS07

PARAMETER	81850-5	81850-5-DL	81850-6	81850-7
4,6-Dinitro-2-methylphenol, ug/l	10U	---	10U	10U
N-Nitrosodiphenylamine, ug/l	1.0U	---	1.0U	1.0U
4-Bromophenylphenyl ether, ug/l	1.0U	---	1.0U	1.0U
Hexachlorobenzene, ug/l	0.61U	---	0.61U	0.61U
Pentachlorophenol, ug/l	2.2J	---	2.0U	2.0U
Di-n-butylphthalate, ug/l	1.0U	---	1.0U	1.0U
Butylbenzylphthalate, ug/l	0.74U	---	0.74U	0.74U
3,3'-Dichlorobenzidine, ug/l	1.0U	---	1.0U	1.0U
bis(2-Ethylhexyl)phthalate, ug/l	2.4U	---	2.4U	2.4U
Di-n-octylphthalate, ug/l	1.2U	---	1.2U	1.2U
Carbazole, ug/l	13	---	0.54U	0.54U
Surrogate - Phenol-d5	88 %	---	95 %	93 %
Surrogate - 2-Fluorophenol	85 %	---	86 %	84 %
Surrogate - 2,4,6-Tribromophenol	91 %	---	110 %	110 %
Surrogate - Nitrobenzene-d5	90 %	---	96 %	90 %
Surrogate - 2-Fluorobiphenyl	72 %	---	100 %	88 %
Surrogate - Terphenyl-d14	46 %	---	108 %	64 %
Dilution Factor	1	---	1	1
Prep Date	03.20.03	---	03.20.03	03.20.03
Analysis Date	03.24.03	---	03.24.03	03.26.03
Batch ID	0320F	---	0320F	0320F
Initial Volume	1000	---	1000	990
Final Volume	1.00	---	1.00	1.00

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • www.stl-inc.com

LOG NO: S3-81850
Received: 19 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS07
Sampled By: Client
Code: 211830331

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81850-5	030GS00603	03-18-03/12:00	PENS07
81850-5-DL	030GS00603	03-18-03/12:00	PENS07
81850-6	030GI12603	03-18-03/15:00	PENS07
81850-7	030GS01803	03-18-03/11:35	PENS07

PARAMETER	81850-5	81850-5-DL	81850-6	81850-7
Low Level PAH (8270LL)				
Naphthalene, ug/l	87E	90D	0.028U	0.028U
Acenaphthylene, ug/l	0.15	0.48U	0.024U	0.024U
Acenaphthene, ug/l	1.4	2.1D	0.025U	0.025U
Fluorene, ug/l	0.92	1.5D	0.026U	0.026U
Phenanthrene, ug/l	3.8	3.4D	0.025U	0.025U
Anthracene, ug/l	0.71	0.66D	0.031U	0.031U
Fluoranthene, ug/l	0.78	1.2U	0.061U	0.061U
Pyrene, ug/l	0.66	1.3D	0.042U	0.042U
Chrysene, ug/l	0.088U	1.8U	0.088U	0.088U
Benzo(a)anthracene, ug/l	0.070U	1.4U	0.070U	0.070U
Benzo(b)fluoranthene, ug/l	0.074U	1.5U	0.074U	0.074U
Benzo(k)fluoranthene, ug/l	0.058U	1.2U	0.058U	0.058U
Benzo(a)pyrene, ug/l	0.060U	1.2U	0.060U	0.060U
Indeno(1,2,3-cd)pyrene, ug/l	0.080U	1.6U	0.080U	0.080U
Dibenzo(a,h)anthracene, ug/l	0.065U	1.3U	0.065U	0.065U
Benzo(g,h,i)perylene, ug/l	0.096U	1.9U	0.096U	0.096U
2-Methylnaphthalene, ug/l	81E	32D	0.022U	0.022U
1-Methylnaphthalene, ug/l	64E	25D	0.028U	0.028U
Surrogate - o-Terphenyl	80 %	0 %D	105 %	90 %

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • www.stl-inc.com

LOG NO: S3-81850
Received: 19 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS07
Sampled By: Client
Code: 211830331

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81850-5	030GS00603	03-18-03/12:00	PENS07
81850-5-DL	030GS00603	03-18-03/12:00	PENS07
81850-6	030GI12603	03-18-03/15:00	PENS07
81850-7	030GS01803	03-18-03/11:35	PENS07

PARAMETER	81850-5	81850-5-DL	81850-6	81850-7
Dilution Factor	1	20	1	1
Prep Date	03.20.03	03.20.03	03.20.03	03.20.03
Analysis Date	03.28.03	03.28.03	03.28.03	03.28.03
Batch ID	0320G	0320G	0320G	0320G
Initial Volume	1000	1000	1000	1000
Final Volume	1.00	1.00	1.00	1.00

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81850
Received: 19 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS07
Sampled By: Client
Code: 211830331

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81850-5	030GS00603	03-18-03/12:00	PENS07
81850-5-DL	030GS00603	03-18-03/12:00	PENS07
81850-6	030GI12603	03-18-03/15:00	PENS07
81850-7	030GS01803	03-18-03/11:35	PENS07

PARAMETER	81850-5	81850-5-DL	81850-6	81850-7
Volatiles by GC/MS (8260)		---		
Chloromethane, ug/l	2.0U	---	0.40U	0.40U
Bromomethane (Methyl bromide), ug/l	2.4U	---	0.49U	0.49U
Vinyl chloride, ug/l	0.65U	---	0.13U	2.3
Chloroethane, ug/l	4.3U	---	0.86U	0.86U
Methylene chloride (Dichloromethane), ug/l	3.0U	---	0.61U	0.61U
Acetone, ug/l	12U	---	6.5J	3.6J
Carbon disulfide, ug/l	3.6U	---	0.72U	0.72U
1,1-Dichloroethene, ug/l	1.6U	---	0.31U	0.31U
1,1-Dichloroethane, ug/l	0.60U	---	0.12U	0.12J
cis-1,2-Dichloroethene, ug/l	0.80U	---	0.16U	7.9
trans-1,2-Dichloroethene, ug/l	1.8U	---	0.36U	0.36U
Chloroform, ug/l	0.60U	---	0.12U	0.78J
1,2-Dichloroethane, ug/l	0.90U	---	0.18U	0.18U
2-Butanone (MEK), ug/l	2.4U	---	0.68J	0.48U
1,1,1-Trichloroethane, ug/l	0.32U	---	0.065U	0.065U
Carbon tetrachloride, ug/l	0.75U	---	0.15U	0.15U
Bromodichloromethane, ug/l	0.90U	---	0.18U	0.18U

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • www.stl-inc.com

LOG NO: S3-81850
Received: 19 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS07
Sampled By: Client
Code: 211830331

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81850-5	030GS00603	03-18-03/12:00	PENS07
81850-5-DL	030GS00603	03-18-03/12:00	PENS07
81850-6	030GI12603	03-18-03/15:00	PENS07
81850-7	030GS01803	03-18-03/11:35	PENS07

PARAMETER	81850-5	81850-5-DL	81850-6	81850-7
1,1,2,2-Tetrachloroethane, ug/l	0.85U	---	0.17U	0.17U
1,2-Dichloropropane, ug/l	0.85U	---	0.17U	0.17U
trans-1,3-Dichloropropene, ug/l	0.75U	---	0.15U	0.15U
Trichloroethene, ug/l	0.65U	---	0.13U	0.19J
Dibromochloromethane, ug/l	0.39U	---	0.078U	0.078U
1,1,2-Trichloroethane, ug/l	0.55U	---	0.11U	0.11U
Benzene, ug/l	2.6J	---	0.21J	0.50J
cis-1,3-Dichloropropene, ug/l	0.60U	---	0.12U	0.12U
Bromoform, ug/l	0.95U	---	0.19U	0.19U
2-Hexanone, ug/l	1.4U	---	0.29U	1.6J
4-Methyl-2-pentanone (MIBK), ug/l	1.4U	---	0.27U	0.27U
Tetrachloroethene, ug/l	2.2U	---	0.43U	0.43U
Toluene, ug/l	16	---	0.065U	0.065U
Chlorobenzene, ug/l	0.50U	---	0.10U	0.10U
Ethylbenzene, ug/l	810	---	0.11U	6.0
Styrene, ug/l	1.8J	---	0.050U	0.050U
Xylenes, Total, ug/l	500	---	0.28U	1.1J
Surrogate - Toluene-d8	92 %	---	90 %	84 %
Surrogate - 4-Bromofluorobenzene	96 %	---	92 %	80 %
Surrogate - Dibromofluoromethane	94 %	---	82 %	102 %

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81850
Received: 19 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS07
Sampled By: Client
Code: 211830331

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81850-5	030GS00603	03-18-03/12:00	PENS07
81850-5-DL	030GS00603	03-18-03/12:00	PENS07
81850-6	030GI12603	03-18-03/15:00	PENS07
81850-7	030GS01803	03-18-03/11:35	PENS07

PARAMETER	81850-5	81850-5-DL	81850-6	81850-7
Dilution Factor	5	---	1	1
Prep Date	03.28.03	---	03.28.03	03.28.03
Analysis Date	03.28.03	---	03.28.03	03.28.03
Batch ID	1P0328	---	2P0327	2P0327
Initial Volume	5.00	---	5.00	5.00
Final Volume	5.00	---	5.00	5.00

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81850
Received: 19 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS07
Sampled By: Client
Code: 211830331

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81850-5	030GS00603	03-18-03/12:00	PENS07
81850-5-DL	030GS00603	03-18-03/12:00	PENS07
81850-6	030GI12603	03-18-03/15:00	PENS07
81850-7	030GS01803	03-18-03/11:35	PENS07

PARAMETER	81850-5	81850-5-DL	81850-6	81850-7
TAL Metals (6010)		---		
Aluminum, ug/l	200B	---	160B	660
Antimony, ug/l	3.8U	---	3.8U	3.8U
Arsenic, ug/l	11	---	3.9U	4.7B
Barium, ug/l	51	---	20	9.7B
Beryllium, ug/l	0.10U	---	0.10U	0.10U
Cadmium, ug/l	0.40U	---	0.40U	0.40U
Calcium, ug/l	42000	---	10000	18000
Chromium, ug/l	4.9B	---	0.90U	17
Cobalt, ug/l	1.3B	---	0.70U	0.76B
Copper, ug/l	3.1B	---	0.80U	2.3B
Iron, ug/l	6300	---	750	4000
Lead, ug/l	130	---	1.9U	1.9U
Magnesium, ug/l	5400	---	3300	2300
Manganese, ug/l	65	---	26	77
Nickel, ug/l	1.2U	---	1.2U	8.5B
Potassium, ug/l	6400	---	1700	940B
Selenium, ug/l	4.3U	---	4.3U	4.3U
Silver, ug/l	1.0U	---	1.0U	1.0U
Sodium, ug/l	14000	---	10000	11000

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • www.stl-inc.com

LOG NO: S3-81850
Received: 19 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS07
Sampled By: Client
Code: 100630519

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81850-5	030GS00603	03-18-03/12:00	PENS07
81850-5-DL	030GS00603	03-18-03/12:00	PENS07
81850-6	030GI12603	03-18-03/15:00	PENS07
81850-7	030GS01803	03-18-03/11:35	PENS07

PARAMETER	81850-5	81850-5-DL	81850-6	81850-7
Thallium, ug/l	6.6U	---	6.6U	6.6U
Vanadium, ug/l	2.6B	---	1.0U	1.1B
Zinc, ug/l	5.3B	---	4.5B	5.5B
Dilution Factor	1	---	1	1
Prep Date	03.25.03	---	03.25.03	03.25.03
Analysis Date	03.27.03	---	03.27.03	03.27.03
Batch ID	0325K	---	0325K	0325K
Initial Volume	50	---	50	50
Final Volume	50	---	50	50
Mercury (7470)		---		
Mercury, ug/l	0.10U	---	0.10U	0.10U
Dilution Factor	1	---	1	1
Prep Date	03.20.03	---	03.20.03	03.20.03
Analysis Date	03.26.03	---	03.26.03	03.26.03
Batch ID	0320R	---	0320R	0320R
Initial Volume	50	---	50	50
Final Volume	50	---	50	50

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81850
Received: 19 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS07
Sampled By: Client
Code: 211830331

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81850-8	027GI00203	03-18-03/14:25	PENS07
81850-9	027HI00203	03-18-03/14:25	PENS07
81850-10	027GS00203	03-18-03/15:25	PENS07
81850-11	027HS00203	03-18-03/15:25	PENS07
81850-12	030GI01903	03-18-03/11:45	PENS07

PARAMETER	81850-8	81850-9	81850-10	81850-11	81850-12
Volatiles by GC/MS (8260)					
Chloromethane, ug/l	0.40U	0.40U	0.40U	0.40U	0.40U
Bromomethane (Methyl bromide), ug/l	0.49U	0.49U	0.49U	0.49U	0.49U
Vinyl chloride, ug/l	0.13U	0.13U	0.13U	0.13U	0.13U
Chloroethane, ug/l	0.86U	0.86U	0.86U	0.86U	0.86U
Methylene chloride (Dichloromethane), ug/l	0.61U	0.61U	0.61U	0.61U	0.61U
Acetone, ug/l	4.7J	6.6J	12J	8.6J	5.5J
Carbon disulfide, ug/l	0.72U	0.72U	0.72U	0.72U	0.72U
1,1-Dichloroethene, ug/l	0.31U	0.31U	0.31U	0.31U	0.31U
1,1-Dichloroethane, ug/l	0.12U	0.12U	0.12U	0.12U	0.12U
cis-1,2-Dichloroethene, ug/l	0.16U	0.16U	0.16U	0.16U	0.16U
trans-1,2-Dichloroethene, ug/l	0.36U	0.36U	0.36U	0.36U	0.36U
Chloroform, ug/l	0.12U	0.12U	0.16J	0.14J	0.12U
1,2-Dichloroethane, ug/l	0.18U	0.18U	0.18U	0.18U	0.18U
2-Butanone (MEK), ug/l	0.48U	0.48U	0.99J	0.58J	0.95J
1,1,1-Trichloroethane, ug/l	0.10J	0.065U	0.20J	0.21J	0.065U
Carbon tetrachloride, ug/l	0.15U	0.15U	0.15U	0.15U	0.15U

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81850
Received: 19 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS07
Sampled By: Client
Code: 211830331

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81850-8	027GI00203	03-18-03/14:25	PENS07
81850-9	027HI00203	03-18-03/14:25	PENS07
81850-10	027GS00203	03-18-03/15:25	PENS07
81850-11	027HS00203	03-18-03/15:25	PENS07
81850-12	030GI01903	03-18-03/11:45	PENS07

PARAMETER	81850-8	81850-9	81850-10	81850-11	81850-12
Bromodichloromethane, ug/l	0.18U	0.18U	0.18U	0.18U	0.18U
1,1,2,2-Tetrachloroethane, ug/l	0.17U	0.17U	0.17U	0.17U	0.17U
1,2-Dichloropropane, ug/l	0.17U	0.17U	0.17U	0.17U	0.17U
trans-1,3-Dichloropropene, ug/l	0.15U	0.15U	0.15U	0.15U	0.15U
Trichloroethene, ug/l	0.13U	0.13U	1.7	1.8	0.13U
Dibromochloromethane, ug/l	0.078U	0.078U	0.078U	0.078U	0.078U
1,1,2-Trichloroethane, ug/l	0.11U	0.11U	0.11U	0.11U	0.11U
Benzene, ug/l	0.17J	0.096U	0.096U	0.096U	0.41J
cis-1,3-Dichloropropene, ug/l	0.12U	0.12U	0.12U	0.12U	0.12U
Bromoform, ug/l	0.19U	0.19U	0.19U	0.19U	0.19U
2-Hexanone, ug/l	0.29U	0.29U	0.29U	0.29U	0.29U
4-Methyl-2-pentanone (MIBK), ug/l	0.27U	0.27U	0.27U	0.27U	0.27U
Tetrachloroethene, ug/l	0.43U	0.43U	0.43U	0.43U	0.43U
Toluene, ug/l	0.065U	0.14J	0.22J	0.065U	0.065U
Chlorobenzene, ug/l	0.10U	0.10U	0.10U	0.10U	0.10U
Ethylbenzene, ug/l	0.11U	0.11U	0.11U	0.11U	0.74J
Styrene, ug/l	0.050U	0.050U	0.26J	0.050U	0.050U
Xylenes, Total, ug/l	0.28U	0.28U	0.28U	0.28U	0.28U
Surrogate - Toluene-d8	88 %	86 %	90 %	86 %	90 %

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81850
Received: 19 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS07
Sampled By: Client
Code: 211830331

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81850-8	027GI00203	03-18-03/14:25	PENS07
81850-9	027HI00203	03-18-03/14:25	PENS07
81850-10	027GS00203	03-18-03/15:25	PENS07
81850-11	027HS00203	03-18-03/15:25	PENS07
81850-12	030GI01903	03-18-03/11:45	PENS07

PARAMETER	81850-8	81850-9	81850-10	81850-11	81850-12
Surrogate - 4-Bromofluorobenzene	92 %	82 %	92 %	84 %	92 %
Surrogate - Dibromofluoromethane	102 %	100 %	96 %	102 %	92 %
Dilution Factor	1	1	1	1	1
Prep Date	03.28.03	03.28.03	03.28.03	03.28.03	03.28.03
Analysis Date	03.28.03	03.28.03	03.28.03	03.28.03	03.28.03
Batch ID	2P0327	2P0327	2P0327	2P0327	2P0327
Initial Volume	5.00	5.00	5.00	5.00	5.00
Final Volume	5.00	5.00	5.00	5.00	5.00

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81850
Received: 19 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS07
Sampled By: Client
Code: 211830331

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81850-8	027GI00203	03-18-03/14:25	PENS07
81850-9	027HI00203	03-18-03/14:25	PENS07
81850-10	027GS00203	03-18-03/15:25	PENS07
81850-11	027HS00203	03-18-03/15:25	PENS07
81850-12	030GI01903	03-18-03/11:45	PENS07

PARAMETER	81850-8	81850-9	81850-10	81850-11	81850-12
TAL Metals (6010)					
Aluminum, ug/l	290	310	570	1000	420
Antimony, ug/l	3.8U	3.8U	3.8U	3.8U	3.8U
Arsenic, ug/l	3.9U	3.9U	3.9U	3.9U	4.3B
Barium, ug/l	10	9.9B	13	14	31
Beryllium, ug/l	0.10U	0.10U	0.10U	0.10U	0.10U
Cadmium, ug/l	0.40U	0.40U	0.40U	0.40U	0.40U
Calcium, ug/l	11000	11000	22000	21000	9400
Chromium, ug/l	3.9B	3.5B	1.6B	0.90U	1.7B
Cobalt, ug/l	0.70U	0.70U	0.70U	0.70U	1.0B
Copper, ug/l	2.0B	1.2B	1.9B	1.4B	2.0B
Iron, ug/l	1900	1900	240	490	410
Lead, ug/l	1.9U	1.9U	1.9U	1.9U	1.9U
Magnesium, ug/l	1700	1700	1900	1900	4900
Manganese, ug/l	9.1B	8.8B	7.5B	8.4B	47
Nickel, ug/l	1.2U	1.4B	1.2U	1.2U	2.8B
Potassium, ug/l	1700	1600	2900	2900	3700
Selenium, ug/l	4.3U	4.3U	4.3U	4.3U	4.3U
Silver, ug/l	1.0U	1.0U	1.0U	1.0U	1.0U

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81850
Received: 19 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS07
Sampled By: Client
Code: 211830331

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81850-8	027GI00203	03-18-03/14:25	PENS07
81850-9	027HI00203	03-18-03/14:25	PENS07
81850-10	027GS00203	03-18-03/15:25	PENS07
81850-11	027HS00203	03-18-03/15:25	PENS07
81850-12	030GI01903	03-18-03/11:45	PENS07

PARAMETER	81850-8	81850-9	81850-10	81850-11	81850-12
Sodium, ug/l	8300	8200	7800	8000	11000
Thallium, ug/l	6.6U	6.6U	6.6U	6.6U	6.6U
Vanadium, ug/l	1.0U	1.7B	1.0U	1.4B	1.4B
Zinc, ug/l	6.2B	4.8B	5.0B	4.1B	5.4B
Dilution Factor	1	1	1	1	1
Prep Date	03.25.03	03.25.03	03.25.03	03.25.03	03.25.03
Analysis Date	03.27.03	03.27.03	03.27.03	03.27.03	03.27.03
Batch ID	0325K	0325K	0325K	0325K	0325K
Initial Volume	50	50	50	50	50
Final Volume	50	50	50	50	50
Mercury (7470)					
Mercury, ug/l	0.10U	0.10U	0.10U	0.10U	0.10U
Dilution Factor	1	1	1	1	1
Prep Date	03.20.03	03.20.03	03.20.03	03.20.03	03.20.03
Analysis Date	03.26.03	03.26.03	03.26.03	03.26.03	03.26.03
Batch ID	0320R	0320R	0320R	0320R	0320R
Initial Volume	50	50	50	50	50
Final Volume	50	50	50	50	50

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81850
Received: 19 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS07
Sampled By: Client
Code: 211830331

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81850-13	030GS04603	03-18-03/10:25	PENS07
81850-14	030HS04603	03-18-03/10:25	PENS07
81850-15	030GS01103	03-18-03/14:00	PENS07

PARAMETER	81850-13	81850-14	81850-15
TCL Semivolatiles (8270)			
Phenol, ug/l	1.0U	1.0U	1.0U
bis(2-Chloroethyl)ether, ug/l	1.0U	1.0U	1.0U
2-Chlorophenol, ug/l	0.79U	0.79U	0.79U
1,3-Dichlorobenzene, ug/l	1.0U	1.0U	1.0U
1,4-Dichlorobenzene, ug/l	1.0U	1.0U	1.0U
1,2-Dichlorobenzene, ug/l	1.0U	1.0U	1.0U
2-Methylphenol (o-Cresol), ug/l	0.59U	0.59U	0.59U
2,2'-Oxybis(1-Chloropropane) (bis-2-chloroisopropyl ether), ug/l	0.58U	0.58U	0.58U
3-Methylphenol/4-Methylphen ol (m&p-Cresol), ug/l	1.7J	1.7J	1.0U
N-Nitroso-di-n-propylamine, ug/l	1.0U	1.0U	1.0U
Hexachloroethane, ug/l	0.70U	0.70U	0.70U
Nitrobenzene, ug/l	1.0U	1.0U	1.0U
Isophorone, ug/l	1.0U	1.0U	1.0U
2-Nitrophenol, ug/l	1.1U	1.1U	1.1U
2,4-Dimethylphenol, ug/l	1.1U	1.1U	1.1U
bis(2-Chloroethoxy)methane, ug/l	1.0U	1.0U	1.0U
2,4-Dichlorophenol, ug/l	0.76U	0.76U	0.76U

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81850
Received: 19 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS07
Sampled By: Client
Code: 211830331

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81850-13	030GS04603	03-18-03/10:25	PENS07
81850-14	030HS04603	03-18-03/10:25	PENS07
81850-15	030GS01103	03-18-03/14:00	PENS07

PARAMETER	81850-13	81850-14	81850-15
1,2,4-Trichlorobenzene, ug/l	2.0J	2.1J	0.51U
4-Chloroaniline, ug/l	1.0U	1.0U	1.0U
Hexachlorobutadiene, ug/l	0.50U	0.50U	0.50U
4-Chloro-3-methylphenol, ug/l	1.0U	1.0U	1.0U
Hexachlorocyclopentadiene, ug/l	1.1U	1.1U	1.1U
2,4,6-Trichlorophenol, ug/l	1.1U	1.1U	1.1U
2,4,5-Trichlorophenol, ug/l	1.1U	1.1U	1.1U
2-Chloronaphthalene, ug/l	1.0U	1.0U	1.0U
2-Nitroaniline, ug/l	0.72U	0.72U	0.72U
Dimethylphthalate, ug/l	0.57U	0.57U	0.57U
3-Nitroaniline, ug/l	0.64U	0.64U	0.64U
2,4-Dinitrophenol, ug/l	10U	10U	10U
4-Nitrophenol, ug/l	5.0U	5.0U	5.0U
Dibenzofuran, ug/l	1.0U	1.0U	1.0U
2,4-Dinitrotoluene, ug/l	1.1U	1.1U	1.1U
2,6-Dinitrotoluene, ug/l	0.87U	0.87U	0.87U
Diethylphthalate, ug/l	1.0U	1.0U	1.0U
4-Chlorophenylphenyl ether, ug/l	0.70U	0.70U	0.70U
4-Nitroaniline, ug/l	0.86U	0.86U	0.86U
4,6-Dinitro-2-methylphenol, ug/l	10U	10U	10U
N-Nitrosodiphenylamine, ug/l	1.0U	1.0U	1.0U

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81850
Received: 19 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS07
Sampled By: Client
Code: 211830331

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81850-13	030GS04603	03-18-03/10:25	PENS07
81850-14	030HS04603	03-18-03/10:25	PENS07
81850-15	030GS01103	03-18-03/14:00	PENS07

PARAMETER	81850-13	81850-14	81850-15
4-Bromophenylphenyl ether, ug/l	1.0U	1.0U	1.0U
Hexachlorobenzene, ug/l	0.61U	0.61U	0.61U
Pentachlorophenol, ug/l	2.0U	2.0U	2.0U
Di-n-butylphthalate, ug/l	1.0U	1.0U	1.0U
Butylbenzylphthalate, ug/l	0.74U	0.74U	0.74U
3,3'-Dichlorobenzidine, ug/l	1.0U	1.0U	1.0U
bis(2-Ethylhexyl)phthalate, ug/l	2.4U	2.4U	2.4U
Di-n-octylphthalate, ug/l	1.2U	1.2U	1.2U
Carbazole, ug/l	0.54U	0.54U	0.54U
Surrogate - Phenol-d5	95 %	91 %	93 %
Surrogate - 2-Fluorophenol	91 %	87 %	87 %
Surrogate - 2,4,6-Tribromophenol	110 %	109 %	120 %
Surrogate - Nitrobenzene-d5	96 %	93 %	96 %
Surrogate - 2-Fluorobiphenyl	98 %	96 %	88 %
Surrogate - Terphenyl-d14	104 %	100 %	116 %
Dilution Factor	1	1	1
Prep Date	03.20.03	03.20.03	03.20.03
Analysis Date	03.26.03	03.26.03	03.26.03
Batch ID	0320F	0320F	0320F
Initial Volume	1000	900	980
Final Volume	1.00	1.00	1.00

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81850
Received: 19 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS07
Sampled By: Client
Code: 211830331

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81850-13	030GS04603	03-18-03/10:25	PENS07
81850-14	030HS04603	03-18-03/10:25	PENS07
81850-15	030GS01103	03-18-03/14:00	PENS07

PARAMETER	81850-13	81850-14	81850-15
Low Level PAH (8270LL)			
Naphthalene, ug/l	1.2	1.2	1.5
Acenaphthylene, ug/l	0.024U	0.024U	0.024U
Acenaphthene, ug/l	0.025U	0.025U	0.025U
Fluorene, ug/l	0.026U	0.026U	0.026U
Phenanthrene, ug/l	0.025U	0.025U	0.025U
Anthracene, ug/l	0.031U	0.031U	0.031U
Fluoranthene, ug/l	0.061U	0.061U	0.061U
Pyrene, ug/l	0.042U	0.042U	0.056
Chrysene, ug/l	0.088U	0.088U	0.088U
Benzo(a)anthracene, ug/l	0.070U	0.070U	0.070U
Benzo(b)fluoranthene, ug/l	0.074U	0.074U	0.074U
Benzo(k)fluoranthene, ug/l	0.058U	0.058U	0.058U
Benzo(a)pyrene, ug/l	0.060U	0.060U	0.060U
Indeno(1,2,3-cd)pyrene, ug/l	0.080U	0.080U	0.080U
Dibenzo(a,h)anthracene, ug/l	0.065U	0.065U	0.065U
Benzo(g,h,i)perylene, ug/l	0.096U	0.096U	0.096U
2-Methylnaphthalene, ug/l	0.51	0.52	0.14
1-Methylnaphthalene, ug/l	0.40	0.40	0.096
Surrogate - o-Terphenyl	100 %	85 %	105 %
Dilution Factor	1	1	1
Prep Date	03.20.03	03.20.03	03.20.03
Analysis Date	03.28.03	03.28.03	03.28.03
Batch ID	0320G	0320G	0320G
Initial Volume	960	1000	970
Final Volume	1.00	1.00	1.00

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81850
Received: 19 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS07
Sampled By: Client
Code: 211830331

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81850-13	030GS04603	03-18-03/10:25	PENS07
81850-14	030HS04603	03-18-03/10:25	PENS07
81850-15	030GS01103	03-18-03/14:00	PENS07

PARAMETER	81850-13	81850-14	81850-15
Volatiles by GC/MS (8260)			
Chloromethane, ug/l	0.40U	0.40U	0.40U
Bromomethane (Methyl bromide), ug/l	0.49U	0.49U	0.49U
Vinyl chloride, ug/l	0.13U	0.13U	0.13U
Chloroethane, ug/l	0.86U	0.86U	0.86U
Methylene chloride (Dichloromethane), ug/l	0.61U	0.61U	0.61U
Acetone, ug/l	11J	4.6J	11J
Carbon disulfide, ug/l	0.72U	0.72U	0.72U
1,1-Dichloroethene, ug/l	0.31U	0.31U	0.31U
1,1-Dichloroethane, ug/l	0.25J	0.20J	0.12U
cis-1,2-Dichloroethene, ug/l	39	39	0.16U
trans-1,2-Dichloroethene, ug/l	0.36U	0.36U	0.36U
Chloroform, ug/l	0.12U	0.12U	0.22J
1,2-Dichloroethane, ug/l	0.18U	0.18U	0.18U
2-Butanone (MEK), ug/l	5.1J	1.3J	0.48U
1,1,1-Trichloroethane, ug/l	0.28J	0.16J	0.065U
Carbon tetrachloride, ug/l	0.15U	0.15U	0.15U
Bromodichloromethane, ug/l	0.18U	0.18U	0.18U
1,1,2,2-Tetrachloroethane, ug/l	0.17U	0.17U	0.17U

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81850
Received: 19 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS07
Sampled By: Client
Code: 14003041

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81850-13	030GS04603	03-18-03/10:25	PENS07
81850-14	030HS04603	03-18-03/10:25	PENS07
81850-15	030GS01103	03-18-03/14:00	PENS07

PARAMETER	81850-13	81850-14	81850-15
1,2-Dichloropropane, ug/l	0.17U	0.17U	0.17U
trans-1,3-Dichloropropene, ug/l	0.15U	0.15U	0.15U
Trichloroethene, ug/l	1.4	1.0	0.13U
Dibromochloromethane, ug/l	0.078U	0.078U	0.078U
1,1,2-Trichloroethane, ug/l	0.11U	0.11U	0.11U
Benzene, ug/l	0.15J	0.32J	0.22J
cis-1,3-Dichloropropene, ug/l	0.12U	0.12U	0.12U
Bromoform, ug/l	0.19U	0.19U	0.19U
2-Hexanone, ug/l	4.6J	0.29U	0.29U
4-Methyl-2-pentanone (MIBK), ug/l	2.4J	0.27U	0.27U
Tetrachloroethene, ug/l	35	32	0.43U
Toluene, ug/l	0.27J	0.065U	0.065U
Chlorobenzene, ug/l	0.10U	0.10U	0.10U
Ethylbenzene, ug/l	3.5	0.11J	0.67J
Styrene, ug/l	0.050U	0.050U	0.050U
Xylenes, Total, ug/l	2.6	0.28U	1.1J
Surrogate - Toluene-d8	86 %	84 %	92 %
Surrogate - 4-Bromofluorobenzene	88 %	84 %	98 %
Surrogate - Dibromofluoromethane	100 %	102 %	98 %
Dilution Factor	1	1	1
Prep Date	03.28.03	03.28.03	03.28.03
Analysis Date	03.28.03	03.28.03	03.28.03
Batch ID	2P0327	2P0327	2P0327
Initial Volume	5.00	5.00	5.00
Final Volume	5.00	5.00	5.00

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81850
Received: 19 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS07
Sampled By: Client
Code: 211830331

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
PARAMETER			

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • www.stl-inc.com

LOG NO: S3-81850
Received: 19 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS07
Sampled By: Client
Code: 211830331

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81850-16	030GS05103	03-18-03/12:15	PENS07

PARAMETER	81850-16
TCL Semivolatiles (8270)	
Phenol, ug/l	1.0U
bis(2-Chloroethyl)ether, ug/l	1.0U
2-Chlorophenol, ug/l	0.79U
1,3-Dichlorobenzene, ug/l	1.0U
1,4-Dichlorobenzene, ug/l	1.0U
1,2-Dichlorobenzene, ug/l	1.0U
2-Methylphenol (o-Cresol), ug/l	0.59U
2,2'-Oxybis(1-Chloropropane) (bis-2-chloroisopropyl ether), ug/l	0.58U
3-Methylphenol/4-Methylphen ol (m&p-Cresol), ug/l	1.0U
N-Nitroso-di-n-propylamine, ug/l	1.0U
Hexachloroethane, ug/l	0.70U
Nitrobenzene, ug/l	1.0U
Isophorone, ug/l	1.0U
2-Nitrophenol, ug/l	1.1U
2,4-Dimethylphenol, ug/l	1.1U
bis(2-Chloroethoxy)methane, ug/l	1.0U
2,4-Dichlorophenol, ug/l	0.76U
1,2,4-Trichlorobenzene, ug/l	0.51U
4-Chloroaniline, ug/l	1.0U

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81850
Received: 19 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS07
Sampled By: Client
Code: 211830331

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81850-16	030GS05103	03-18-03/12:15	PENS07

PARAMETER	81850-16
Hexachlorobutadiene, ug/l	0.50U
4-Chloro-3-methylphenol, ug/l	1.0U
Hexachlorocyclopentadiene, ug/l	1.1U
2,4,6-Trichlorophenol, ug/l	1.1U
2,4,5-Trichlorophenol, ug/l	1.1U
2-Chloronaphthalene, ug/l	1.0U
2-Nitroaniline, ug/l	0.72U
Dimethylphthalate, ug/l	0.57U
3-Nitroaniline, ug/l	0.64U
2,4-Dinitrophenol, ug/l	10U
4-Nitrophenol, ug/l	5.0U
Dibenzofuran, ug/l	1.0U
2,4-Dinitrotoluene, ug/l	1.1U
2,6-Dinitrotoluene, ug/l	0.87U
Diethylphthalate, ug/l	1.0U
4-Chlorophenylphenyl ether, ug/l	0.70U
4-Nitroaniline, ug/l	0.86U
4,6-Dinitro-2-methylphenol, ug/l	10U
N-Nitrosodiphenylamine, ug/l	1.0U
4-Bromophenylphenyl ether, ug/l	1.0U
Hexachlorobenzene, ug/l	0.61U
Pentachlorophenol, ug/l	2.0U
Di-n-butylphthalate, ug/l	1.0U

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81850
Received: 19 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS07
Sampled By: Client
Code: 211830331

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81850-16	030GS05103	03-18-03/12:15	PENS07

PARAMETER	81850-16
Butylbenzylphthalate, ug/l	0.74U
3,3'-Dichlorobenzidine, ug/l	1.0U
bis(2-Ethylhexyl)phthalate, ug/l	2.4U
Di-n-octylphthalate, ug/l	1.2U
Carbazole, ug/l	0.54U
Surrogate - Phenol-d5	82 %
Surrogate - 2-Fluorophenol	78 %
Surrogate - 2,4,6-Tribromophenol	110 %
Surrogate - Nitrobenzene-d5	88 %
Surrogate - 2-Fluorobiphenyl	94 %
Surrogate - Terphenyl-d14	90 %
Dilution Factor	1
Prep Date	03.20.03
Analysis Date	03.25.03
Batch ID	0320F
Initial Volume	1000
Final Volume	1.00

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • www.stl-inc.com

LOG NO: S3-81850
Received: 19 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS07
Sampled By: Client
Code: 211830331

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81850-16	030GS05103	03-18-03/12:15	PENS07

PARAMETER	81850-16
Low Level PAH (8270LL)	
Naphthalene, ug/l	0.092
Acenaphthylene, ug/l	0.024U
Acenaphthene, ug/l	0.025U
Fluorene, ug/l	0.026U
Phenanthrene, ug/l	0.025U
Anthracene, ug/l	0.031U
Fluoranthene, ug/l	0.061U
Pyrene, ug/l	0.058
Chrysene, ug/l	0.088U
Benzo(a)anthracene, ug/l	0.070U
Benzo(b)fluoranthene, ug/l	0.074U
Benzo(k)fluoranthene, ug/l	0.058U
Benzo(a)pyrene, ug/l	0.060U
Indeno(1,2,3-cd)pyrene, ug/l	0.080U
Dibenzo(a,h)anthracene, ug/l	0.065U
Benzo(g,h,i)perylene, ug/l	0.096U
2-Methylnaphthalene, ug/l	0.022U
1-Methylnaphthalene, ug/l	0.072
Surrogate - o-Terphenyl	100 %
Dilution Factor	1
Prep Date	03.20.03
Analysis Date	03.28.03
Batch ID	0320G
Initial Volume	950
Final Volume	1.00

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81850
Received: 19 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS07
Sampled By: Client
Code: 211830331

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81850-17	Method Detection Limit (MDL)		PENS07
81850-18	Reporting Limit (RL)		PENS07
81850-19	Method Blank		PENS07
81850-20	Lab Control Standard % Recovery		PENS07
81850-25	Method Blank		PENS07

PARAMETER	81850-17	81850-18	81850-19	81850-20	81850-25
TCL Semivolatiles (8270)					---
Phenol, ug/l	1.0	10	1.0U	87 %	---
bis(2-Chloroethyl)ether, ug/l	1.0	10	1.0U	---	---
2-Chlorophenol, ug/l	0.79	10	0.79U	97 %	---
1,3-Dichlorobenzene, ug/l	1.0	10	1.0U	---	---
1,4-Dichlorobenzene, ug/l	1.0	10	1.0U	70 %	---
1,2-Dichlorobenzene, ug/l	1.0	10	1.0U	---	---
2-Methylphenol (o-Cresol), ug/l	0.59	10	0.59U	---	---
2,2'-Oxybis(1-Chloropropane) (bis-2-chloroisopropyl ether), ug/l	0.58	10	0.58U	---	---
3-Methylphenol/4-Methylphen ol (m&p-Cresol), ug/l	1.0	10	1.0U	---	---
N-Nitroso-di-n-propylamine, ug/l	1.0	10	1.0U	102 %	---
Hexachloroethane, ug/l	0.70	10	0.70U	---	---
Nitrobenzene, ug/l	1.0	10	1.0U	---	---
Isophorone, ug/l	1.0	10	1.0U	---	---
2-Nitrophenol, ug/l	1.1	10	1.1U	---	---
2,4-Dimethylphenol, ug/l	1.1	10	1.1U	---	---

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • www.stl-inc.com

LOG NO: S3-81850
Received: 19 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS07
Sampled By: Client
Code: 211830331

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81850-17	Method Detection Limit (MDL)		PENS07
81850-18	Reporting Limit (RL)		PENS07
81850-19	Method Blank		PENS07
81850-20	Lab Control Standard % Recovery		PENS07
81850-25	Method Blank		PENS07

PARAMETER	81850-17	81850-18	81850-19	81850-20	81850-25
bis(2-Chloroethoxy)methane, ug/l	1.0	10	1.0U	---	---
2,4-Dichlorophenol, ug/l	0.76	10	0.76U	---	---
1,2,4-Trichlorobenzene, ug/l	0.51	10	0.51U	78 %	---
4-Chloroaniline, ug/l	1.0	20	1.0U	---	---
Hexachlorobutadiene, ug/l	0.50	10	0.50U	---	---
4-Chloro-3-methylphenol, ug/l	1.0	10	1.0U	100 %	---
Hexachlorocyclopentadiene, ug/l	1.1	10	1.1U	---	---
2,4,6-Trichlorophenol, ug/l	1.1	10	1.1U	---	---
2,4,5-Trichlorophenol, ug/l	1.1	10	1.1U	---	---
2-Chloronaphthalene, ug/l	1.0	10	1.0U	---	---
2-Nitroaniline, ug/l	0.72	50	0.72U	---	---
Dimethylphthalate, ug/l	0.57	10	0.57U	---	---
3-Nitroaniline, ug/l	0.64	50	0.64U	---	---
2,4-Dinitrophenol, ug/l	10	50	10U	---	---
4-Nitrophenol, ug/l	5.0	50	5.0U	99 %	---
Dibenzofuran, ug/l	1.0	10	1.0U	---	---
2,4-Dinitrotoluene, ug/l	1.1	10	1.1U	92 %	---
2,6-Dinitrotoluene, ug/l	0.87	10	0.87U	---	---
Diethylphthalate, ug/l	1.0	10	1.0U	---	---

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81850
Received: 19 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS07
Sampled By: Client
Code: 211830331

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81850-17	Method Detection Limit (MDL)		PENS07
81850-18	Reporting Limit (RL)		PENS07
81850-19	Method Blank		PENS07
81850-20	Lab Control Standard % Recovery		PENS07
81850-25	Method Blank		PENS07

PARAMETER	81850-17	81850-18	81850-19	81850-20	81850-25
4-Chlorophenylphenyl ether, ug/l	0.70	10	0.70U	---	---
4-Nitroaniline, ug/l	0.86	50	0.86U	---	---
4,6-Dinitro-2-methylphenol, ug/l	10	50	10U	---	---
N-Nitrosodiphenylamine, ug/l	1.0	10	1.0U	---	---
4-Bromophenylphenyl ether, ug/l	1.0	10	1.0U	---	---
Hexachlorobenzene, ug/l	0.61	10	0.61U	---	---
Pentachlorophenol, ug/l	2.0	50	2.0U	99 %	---
Di-n-butylphthalate, ug/l	1.0	10	1.0U	---	---
Butylbenzylphthalate, ug/l	0.74	10	0.74U	---	---
3,3'-Dichlorobenzidine, ug/l	1.0	20	1.0U	---	---
bis(2-Ethylhexyl)phthalate, ug/l	2.4	10	2.4U	---	---
Di-n-octylphthalate, ug/l	1.2	10	1.2U	---	---
Carbazole, ug/l	0.54	10	0.54U	---	---
Surrogate - Phenol-d5	NA	NA	82 %	96 %	---
Surrogate - 2-Fluorophenol	NA	NA	80 %	91 %	---
Surrogate - 2,4,6-Tribromophenol	NA	NA	110 %	110 %	---
Surrogate - Nitrobenzene-d5	NA	NA	88 %	96 %	---
Surrogate - 2-Fluorobiphenyl	NA	NA	92 %	102 %	---
Surrogate - Terphenyl-d14	NA	NA	100 %	112 %	---

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • www.stl-inc.com

LOG NO: S3-81850
Received: 19 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS07
Sampled By: Client
Code: 211830331

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81850-17	Method Detection Limit (MDL)		PENS07
81850-18	Reporting Limit (RL)		PENS07
81850-19	Method Blank		PENS07
81850-20	Lab Control Standard % Recovery		PENS07
81850-25	Method Blank		PENS07

PARAMETER	81850-17	81850-18	81850-19	81850-20	81850-25
Dilution Factor	---	---	1	1	---
Prep Date	---	---	03.20.03	03.20.03	---
Analysis Date	---	---	03.24.03	03.24.03	---
Batch ID	---	---	0320F	0320F	---
Initial Volume	---	---	1000	---	---
Final Volume	---	---	1.00	---	---

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81850
Received: 19 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS07
Sampled By: Client
Code: 14003041

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81850-17	Method Detection Limit (MDL)		PENS07
81850-18	Reporting Limit (RL)		PENS07
81850-19	Method Blank		PENS07
81850-20	Lab Control Standard % Recovery		PENS07
81850-25	Method Blank		PENS07

PARAMETER	81850-17	81850-18	81850-19	81850-20	81850-25
Low Level PAH (8270LL)					---
Naphthalene, ug/l	0.028	0.20	0.028U	85 %	---
Acenaphthylene, ug/l	0.024	0.20	0.024U	---	---
Acenaphthene, ug/l	0.025	0.20	0.025U	90 %	---
Fluorene, ug/l	0.026	0.20	0.026U	95 %	---
Phenanthrene, ug/l	0.025	0.20	0.025U	---	---
Anthracene, ug/l	0.031	0.20	0.031U	---	---
Fluoranthene, ug/l	0.061	0.20	0.061U	---	---
Pyrene, ug/l	0.042	0.20	0.042U	105 %	---
Chrysene, ug/l	0.088	0.20	0.088U	---	---
Benzo(a)anthracene, ug/l	0.070	0.20	0.070U	---	---
Benzo(b)fluoranthene, ug/l	0.074	0.20	0.074U	---	---
Benzo(k)fluoranthene, ug/l	0.058	0.20	0.058U	---	---
Benzo(a)pyrene, ug/l	0.060	0.20	0.060U	95 %	---
Indeno(1,2,3-cd)pyrene, ug/l	0.080	0.20	0.080U	---	---
Dibenzo(a,h)anthracene, ug/l	0.065	0.20	0.065U	---	---
Benzo(g,h,i)perylene, ug/l	0.096	0.20	0.096U	---	---
2-Methylnaphthalene, ug/l	0.022	0.20	0.022U	---	---
1-Methylnaphthalene, ug/l	0.028	0.20	0.028U	---	---

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81850
Received: 19 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS07
Sampled By: Client
Code: 211830331

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81850-17	Method Detection Limit (MDL)		PENS07
81850-18	Reporting Limit (RL)		PENS07
81850-19	Method Blank		PENS07
81850-20	Lab Control Standard % Recovery		PENS07
81850-25	Method Blank		PENS07

PARAMETER	81850-17	81850-18	81850-19	81850-20	81850-25
Surrogate - o-Terphenyl	NA	---	125 %	110 %	---
Dilution Factor	---	---	1	1	---
Prep Date	---	---	03.20.03	03.20.03	---
Analysis Date	---	---	03.22.03	03.22.03	---
Batch ID	---	---	0320G	0320G	---
Initial Volume	---	---	1000	---	---
Final Volume	---	---	1.00	---	---

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • www.stl-inc.com

LOG NO: S3-81850
Received: 19 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS07
Sampled By: Client
Code: 211830331

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81850-17	Method Detection Limit (MDL)		PENS07
81850-18	Reporting Limit (RL)		PENS07
81850-19	Method Blank		PENS07
81850-20	Lab Control Standard % Recovery		PENS07
81850-25	Method Blank		PENS07

PARAMETER	81850-17	81850-18	81850-19	81850-20	81850-25
Volatiles by GC/MS (8260)					
Chloromethane, ug/l	0.40	1.0	0.40U	---	0.40U
Bromomethane (Methyl bromide), ug/l	0.49	1.0	0.49U	---	0.49U
Vinyl chloride, ug/l	0.13	1.0	0.13U	---	0.13U
Chloroethane, ug/l	0.86	1.0	0.86U	---	0.86U
Methylene chloride (Dichloromethane), ug/l	0.61	5.0	0.61U	---	0.61U
Acetone, ug/l	2.3	25	2.3U	---	2.3U
Carbon disulfide, ug/l	0.72	1.0	0.72U	---	0.72U
1,1-Dichloroethene, ug/l	0.31	1.0	0.31U	88 %	0.31U
1,1-Dichloroethane, ug/l	0.12	1.0	0.12U	---	0.12U
cis-1,2-Dichloroethene, ug/l	0.16	1.0	0.16U	---	0.16U
trans-1,2-Dichloroethene, ug/l	0.36	1.0	0.36U	---	0.36U
Chloroform, ug/l	0.12	1.0	0.12U	---	0.12U
1,2-Dichloroethane, ug/l	0.18	1.0	0.18U	---	0.18U
2-Butanone (MEK), ug/l	0.48	10	0.48U	---	0.48U
1,1,1-Trichloroethane, ug/l	0.065	1.0	0.065U	---	0.065U
Carbon tetrachloride, ug/l	0.15	1.0	0.15U	---	0.15U

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81850
Received: 19 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS07
Sampled By: Client
Code: 211830331

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81850-17	Method Detection Limit (MDL)		PENS07
81850-18	Reporting Limit (RL)		PENS07
81850-19	Method Blank		PENS07
81850-20	Lab Control Standard % Recovery		PENS07
81850-25	Method Blank		PENS07

PARAMETER	81850-17	81850-18	81850-19	81850-20	81850-25
Bromodichloromethane, ug/l	0.18	1.0	0.18U	---	0.18U
1,1,2,2-Tetrachloroethane, ug/l	0.17	1.0	0.17U	---	0.17U
1,2-Dichloropropane, ug/l	0.17	1.0	0.17U	---	0.17U
trans-1,3-Dichloropropene, ug/l	0.15	1.0	0.15U	---	0.15U
Trichloroethene, ug/l	0.13	1.0	0.13U	76 %	0.13U
Dibromochloromethane, ug/l	0.078	1.0	0.078U	---	0.078U
1,1,2-Trichloroethane, ug/l	0.11	1.0	0.11U	---	0.11U
Benzene, ug/l	0.096	1.0	0.10J	84 %	0.096U
cis-1,3-Dichloropropene, ug/l	0.12	1.0	0.12U	---	0.12U
Bromoform, ug/l	0.19	1.0	0.19U	---	0.19U
2-Hexanone, ug/l	0.29	10	0.29U	---	0.29U
4-Methyl-2-pentanone (MIBK), ug/l	0.27	10	0.27U	---	0.27U
Tetrachloroethene, ug/l	0.43	1.0	0.43U	---	0.43U
Toluene, ug/l	0.065	1.0	0.065U	90 %	0.065U
Chlorobenzene, ug/l	0.10	1.0	0.10U	92 %	0.10U
Ethylbenzene, ug/l	0.11	1.0	0.11U	---	0.11U
Styrene, ug/l	0.050	1.0	0.050U	---	0.050U
Xylenes, Total, ug/l	0.28	2.0	0.28U	---	0.28U
Surrogate - Toluene-d8	NA	NA	90 %	92 %	88 %

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • www.stl-inc.com

LOG NO: S3-81850
Received: 19 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS07
Sampled By: Client
Code: 211830331

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81850-17	Method Detection Limit (MDL)		PENS07
81850-18	Reporting Limit (RL)		PENS07
81850-19	Method Blank		PENS07
81850-20	Lab Control Standard % Recovery		PENS07
81850-25	Method Blank		PENS07

PARAMETER	81850-17	81850-18	81850-19	81850-20	81850-25
Surrogate - 4-Bromofluorobenzene	NA	NA	96 %	96 %	80 %
Surrogate - Dibromofluoromethane	NA	NA	100 %	78 %	96 %
Dilution Factor	---	---	1	1	1
Prep Date	---	---	03.27.03	03.27.03	03.28.03
Analysis Date	---	---	03.27.03	03.27.03	03.28.03
Batch ID	---	---	2P0327	2P0327	1P0328
Initial Volume	---	---	5.00	---	5.00
Final Volume	---	---	5.00	---	5.00

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • www.stl-inc.com

LOG NO: S3-81850
Received: 19 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS07
Sampled By: Client
Code: 211830331

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81850-26	Lab Control Standard % Recovery		PENS07

PARAMETER	81850-26
Volatiles by GC/MS (8260)	
1,1-Dichloroethene	94 %
Trichloroethene	86 %
Benzene	92 %
Toluene	90 %
Chlorobenzene	92 %
Surrogate - Toluene-d8	88 %
Surrogate - 4-Bromofluorobenzene	82 %
Surrogate - Dibromofluoromethane	96 %
Dilution Factor	1
Prep Date	03.28.03
Analysis Date	03.28.03
Batch ID	1P0328

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • www.stl-inc.com

LOG NO: S3-81850
Received: 19 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS07
Sampled By: Client
Code: 211830331

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81850-21	Instrument Detection Limit (IDL)		PENS07
81850-22	Reporting Limit (RL)		PENS07
81850-23	Method Blank		PENS07
81850-24	Lab Control Standard % Recovery		PENS07

PARAMETER	81850-21	81850-22	81850-23	81850-24
TAL Metals (6010)				
Aluminum, ug/l	11	200	24B	107 %
Antimony, ug/l	3.8	20	3.8U	105 %
Arsenic, ug/l	3.9	10	3.9U	103 %
Barium, ug/l	0.50	10	0.50U	107 %
Beryllium, ug/l	0.10	4.0	0.10U	105 %
Cadmium, ug/l	0.40	5.0	0.40U	101 %
Calcium, ug/l	6.4	500	6.4U	108 %
Chromium, ug/l	0.90	10	0.90U	107 %
Cobalt, ug/l	0.70	10	0.70U	106 %
Copper, ug/l	0.80	20	0.80U	107 %
Iron, ug/l	16	50	16U	104 %
Lead, ug/l	1.9	5.0	1.9U	105 %
Magnesium, ug/l	7.4	500	7.4U	106 %
Manganese, ug/l	0.50	10	0.50U	108 %
Nickel, ug/l	1.2	40	1.2U	104 %
Potassium, ug/l	17	1000	53B	108 %
Selenium, ug/l	4.3	10	5.2B	103 %
Silver, ug/l	1.0	10	1.0U	109 %
Sodium, ug/l	170	500	170U	100 %

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81850
Received: 19 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS07
Sampled By: Client
Code: 211830331

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81850-21	Instrument Detection Limit (IDL)		PENS07
81850-22	Reporting Limit (RL)		PENS07
81850-23	Method Blank		PENS07
81850-24	Lab Control Standard % Recovery		PENS07

PARAMETER	81850-21	81850-22	81850-23	81850-24
Thallium, ug/l	6.6	10	6.6U	105 %
Vanadium, ug/l	1.0	10	1.0U	104 %
Zinc, ug/l	1.8	20	1.8U	107 %
Dilution Factor	---	---	1	1
Prep Date	---	---	03.25.03	03.25.03
Analysis Date	---	---	03.27.03	03.27.03
Batch ID	---	---	0325K	0325K
Initial Volume	---	---	50	---
Final Volume	---	---	50	---
Mercury (7470)				
Mercury, ug/l	0.10	0.20	0.10U	104 %
Dilution Factor	---	---	1	1
Prep Date	---	---	03.20.03	03.20.03
Analysis Date	---	---	03.26.03	03.26.03
Batch ID	---	---	0320R	0320R
Initial Volume	---	---	50	---
Final Volume	---	---	50	---

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • www.stl-inc.com

LOG NO: S3-81850
Received: 19 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS07
Sampled By: Client
Code: 211830331

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
PARAMETER			

These test results meet all the requirements of NELAC. All questions regarding this test report should be directed to the STL Project Manager who signed this test report.

U = Indicates compound was analyzed for but not detected.

J = The flag "J" indicates the presence of a compound that meets the identification criteria, but the result is less than the sample RL and greater than the MDL.
E (Organic) = Result exceeded the upper calibration limit.

D = Result is from a secondary dilution.

B (Inorganic) = This flag indicates the reported value was obtained from a reading that was less than the Project Reporting Limits but greater than or equal to the Method Detection Limit (MDL).

Linda A Wolfe

Linda A. Wolfe, Project Manager

Final Page Of Report

Serial Number 03006

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

SEVERN TRENT **STL**

(X) **STL Savannah**
5102 LaRoche Avenue
Savannah, GA 31404
Website: www.stl-inc.com
Phone: (912) 354-7858
Fax: (912) 352-0165

( ) Alternate Laboratory Name/Location
Phone:
Fax:

PROJECT REFERENCE	PROJECT NO.	PROJECT LOCATION (STATE)
NASP-042		FL
STL (LAB) PROJECT MANAGER	P.O. NUMBER	CONTRACT NO.
Linda Wolfe		
CLIENT (SITE) PM	CLIENT PHONE	CLIENT FAX
Allison Harris	901/372-7962	901/372-2454
CLIENT NAME	CLIENT E-MAIL	
EnSafe		
CLIENT ADDRESS		
5724 Summer Trees Dr Memphis, TN 38134		
COMPANY CONTRACTING THIS WORK (if applicable)		

PAGE 2 OF 2

STANDARD REPORT DELIVERY (X)

DATE DUE _____

EXPEDITED REPORT DELIVERY (SURCHARGE) ( )

DATE DUE _____

NUMBER OF COOLERS SUBMITTED PER SHIPMENT:

SAMPLE DATE	SAMPLE TIME	SAMPLE IDENTIFICATION	MATRIX: COMPOSITE (C) OR GRAB (G) INDICATE	MATRIX: AQUEOUS (WATER)	MATRIX: SOLID OR SEMISOLID	MATRIX: AIR	MATRIX: NONAQUEOUS LIQUID (OIL, SOLVENT,...)	REQUIRED ANALYSIS: VOC	REQUIRED ANALYSIS: SVOC/PAH	REQUIRED ANALYSIS: Metals	REMARKS
								NUMBER OF CONTAINERS SUBMITTED			
3/18/03	1025	030GS02003		X				X			
	0940	030GS00503		X				X			
	1400	030GS01103		X				X	X		
	1315	030GS03303		X				X			

PRESERVATIVE: HCl | HCl | H_2SO_4

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
Amy Liddell	3/18/03	1700						
RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT YES (✓) NO ( )	CUSTODY SEAL NO.	STL SAVANNAH LOG NO.	LABORATORY REMARKS
J Swafford	3/19/03	9:32			5381850	

STL8240-680 (12/02)

FedEx : 8359-4080-1242

Serial Number 03004

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

SEVERN TRENT **STL**

STL Savannah
5102 LaRoche Avenue
Savannah, GA 31404
Website: www.stl-inc.com
Phone: (912) 354-7858
Fax: (912) 352-0165

Alternate Laboratory Name/Location
Phone:
Fax:

PROJECT REFERENCE	PROJECT NO.	PROJECT LOCATION (STATE)
NASP OU2		FL
STL (LAB) PROJECT MANAGER	P.O. NUMBER	CONTRACT NO.
LINDA WOLFE		
CLIENT (SITE) PM	CLIENT PHONE	CLIENT FAX
ALLISON HARRIS	901-372-7962	372 2454
CLIENT NAME	CLIENT E-MAIL	
ENSAFE		
CLIENT ADDRESS		
6724 SUMMER TREES DR MEMPHIS TN 38134		
COMPANY CONTRACTING THIS WORK (if applicable)		

PAGE 1 OF 2

STANDARD REPORT DELIVERY ✓

DATE DUE _____

EXPEDITED REPORT DELIVERY (SURCHARGE) ○

DATE DUE _____

NUMBER OF COOLERS SUBMITTED PER SHIPMENT:

SAMPLE DATE	SAMPLE TIME	SAMPLE IDENTIFICATION	COMPOSITE (C) OR GRAB (G) INDICATE	MATRIX TYPE: AQUEOUS (WATER)	MATRIX TYPE: SOLID OR SEMISOLID	MATRIX TYPE: AIR	MATRIX TYPE: NONAQUEOUS LIQUID (OIL, SOLVENT,...)	REQUIRED ANALYSIS: VOC	REQUIRED ANALYSIS: SVOC/PAH	REQUIRED ANALYSIS: TAL METALS	REMARKS
								HCL = PRESERVATIVE		HNO3	
3/18/03	1025	030GS04603	G	X				X	X		
	1025	030HS04603	G	X				X	X		
	1215	030GS05103	G	X					X		
	1425	027GI00203	G	X				X		X	
	1425	027HI00203	G	X				X		X	
	1525	027GS00203	G	X				X		X	
	1525	027HS00203	G	X				X		X	
	1200	030GS00603	G	X				X	X	X	
	1500	030GI12603	G	X				X	X	X	
	0800	059T031803	G	X				X			
	1145	030GI01903	G	X				X		X	
	1135	030GS01803	G	X				X	X	X	

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
Linda Riddell	3/18/03	1700						
RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT	CUSTODY SEAL NO.	STL SAVANNAH LOG NO.	LABORATORY REMARKS
J Swafford	3/19/03	9:32	YES ✓ NO ○		6381850	

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • www.stl-inc.com

LOG NO: S3-81850A
Received: 19 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS08
Sampled By: Client
Code: 102930519

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE/ TIME SAMPLED	SDG#
81850A-1	030S012005	03-18-03/11:10	PENS08
81850A-2	030S012403	03-18-03/09:30	PENS08
81850A-3	030S001220	03-18-03/10:30	PENS08
81850A-4	030C001220	03-18-03/10:30	PENS08
81850A-5	030S012503	03-18-03/09:00	PENS08

PARAMETER	81850A-1	81850A-2	81850A-3	81850A-4	81850A-5
Volatiles by GC/MS (8260)					
Chloromethane, ug/kg dw	2.1U	1.8U	120UXX	120UXX	2.0U
Bromomethane (Methyl bromide), ug/kg dw	0.87U	0.74U	120U	120U	0.79U
Vinyl chloride, ug/kg dw	2.3U	1.9U	120U	120U	2.1U
Chloroethane, ug/kg dw	0.87U	0.74U	120U	120U	0.79U
Methylene chloride (Dichloromethane), ug/kg dw	1.6JB	1.3JB	60U	64U	1.3JB
Acetone, ug/kg dw	7.6U	19J	600U	640U	31J
Carbon disulfide, ug/kg dw	0.61U	0.52U	130JB	98U	0.56U
1,1-Dichloroethene, ug/kg dw	0.89U	0.75U	96U	100U	0.81U
1,1-Dichloroethane, ug/kg dw	1.2U	1.0U	41U	44U	1.1U
cis-1,2-Dichloroethene, ug/kg dw	0.60U	0.50U	68U	72U	0.54U
trans-1,2-Dichloroethene, ug/kg dw	1.2U	1.0U	61U	65U	1.1U
Chloroform, ug/kg dw	0.67U	0.57U	46U	49U	0.61U
1,2-Dichloroethane, ug/kg dw	1.0U	0.85U	120U	120U	0.92U
2-Butanone (MEK), ug/kg dw	2.4J	0.36U	300J	210U	2.3J
1,1,1-Trichloroethane, ug/kg dw	0.83U	0.70U	130U	140U	0.75U
Carbon tetrachloride, ug/kg dw	0.54U	0.45U	140U	150U	0.49U

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81850A
Received: 19 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS08
Sampled By: Client
Code: 102930519

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE/ TIME SAMPLED	SDG#
81850A-1	030S012005	03-18-03/11:10	PENS08
81850A-2	030S012403	03-18-03/09:30	PENS08
81850A-3	030S001220	03-18-03/10:30	PENS08
81850A-4	030C001220	03-18-03/10:30	PENS08
81850A-5	030S012503	03-18-03/09:00	PENS08

PARAMETER	81850A-1	81850A-2	81850A-3	81850A-4	81850A-5
Bromodichloromethane, ug/kg dw	0.47U	0.40U	100U	110U	0.43U
1,1,2,2-Tetrachloroethane, ug/kg dw	0.87U	0.74U	93U	99U	0.79U
1,2-Dichloropropane, ug/kg dw	0.99U	0.84U	110U	120U	0.90U
trans-1,3-Dichloropropene, ug/kg dw	1.5U	1.3U	69U	74U	1.4U
Trichloroethene, ug/kg dw	1.2U	0.99U	120U	120U	1.1U
Dibromochloromethane, ug/kg dw	0.60U	0.50U	77U	83U	0.54U
1,1,2-Trichloroethane, ug/kg dw	1.5U	1.2U	48U	51U	1.4U
Benzene, ug/kg dw	0.58U	0.49U	54U	58U	0.53U
cis-1,3-Dichloropropene, ug/kg dw	1.1U	0.90U	120U	120U	0.98U
Bromoform, ug/kg dw	1.0U	0.88U	53U	56U	0.95U
2-Hexanone, ug/kg dw	0.66U	0.56U	590U	620U	0.60U
4-Methyl-2-pentanone (MIBK), ug/kg dw	0.58U	0.49U	160U	180U	0.53U
Tetrachloroethene, ug/kg dw	1.5U	1.3U	100U	110U	1.4U
Toluene, ug/kg dw	0.99U	0.84U	74U	79U	0.90U
Chlorobenzene, ug/kg dw	1.1U	0.96U	73U	78U	1.0U
Ethylbenzene, ug/kg dw	0.46U	0.39U	59U	62U	0.42U

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • www.stl-inc.com

LOG NO: S3-81850A
Received: 19 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS08
Sampled By: Client
Code: 102930519

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE/ TIME SAMPLED	SDG#
81850A-1	030S012005	03-18-03/11:10	PENS08
81850A-2	030S012403	03-18-03/09:30	PENS08
81850A-3	030S001220	03-18-03/10:30	PENS08
81850A-4	030C001220	03-18-03/10:30	PENS08
81850A-5	030S012503	03-18-03/09:00	PENS08

PARAMETER	81850A-1	81850A-2	81850A-3	81850A-4	81850A-5
Styrene, ug/kg dw	0.81U	0.68U	150U	160U	0.74U
Xylenes, Total, ug/kg dw	1.5U	1.2U	160U	180U	1.4U
Surrogate - Toluene-d8	99 %	89 %	80 %	81 %	90 %
Surrogate - 4-Bromofluorobenzene	96 %	75 %	73 %	81 %	78 %
Surrogate - Dibromofluoromethane	92 %	94 %	80 %	81 %	93 %
Dilution Factor	1	1	40	40	1
Prep Date	03.19.03	03.19.03	03.19.03	03.19.03	03.19.03
Analysis Date	03.25.03	03.25.03	03.27.03	03.27.03	03.25.03
Batch ID	1M0325	1M0325	1O0327	1O0327	1M0325
Initial Volume	4.30	4.90	4.90	4.70	4.60
Final Volume	5.00	5.00	5.00	5.00	5.00

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81850A
Received: 19 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS08
Sampled By: Client
Code: 102930519

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE/ TIME SAMPLED	SDG#
81850A-1	030S012005	03-18-03/11:10	PENS08
81850A-2	030S012403	03-18-03/09:30	PENS08
81850A-3	030S001220	03-18-03/10:30	PENS08
81850A-4	030C001220	03-18-03/10:30	PENS08
81850A-5	030S012503	03-18-03/09:00	PENS08

PARAMETER	81850A-1	81850A-2	81850A-3	81850A-4	81850A-5
Volatiles by GC/MS - SPLP (SPLP8260)					
Chloromethane, ug/l	0.40U	0.40U	0.40U	0.40U	0.40U
Bromomethane (Methyl bromide), ug/l	0.49U	0.49U	0.49U	0.49U	0.49U
Vinyl chloride, ug/l	0.13U	0.13U	0.13U	0.13U	0.13U
Chloroethane, ug/l	0.86U	0.86U	0.86U	0.86U	0.86U
Methylene chloride (Dichloromethane), ug/l	0.61U	0.61U	0.61U	0.61U	0.61U
Acetone, ug/l	2.3U	2.3U	2.3U	2.3U	2.3U
Carbon disulfide, ug/l	0.72U	0.72U	0.72U	0.72U	0.72U
1,1-Dichloroethene, ug/l	0.31U	0.31U	0.31U	0.31U	0.31U
1,1-Dichloroethane, ug/l	0.12U	0.12U	0.12U	0.12U	0.12U
cis-1,2-Dichloroethene, ug/l	0.16U	0.16U	0.16U	0.16U	0.16U
trans-1,2-Dichloroethene, ug/l	0.36U	0.36U	0.36U	0.36U	0.36U
Chloroform, ug/l	0.12U	0.12U	0.12U	0.12U	0.12U
1,2-Dichloroethane, ug/l	0.18U	0.18U	0.18U	0.18U	0.18U
2-Butanone (MEK), ug/l	2.2J	0.48U	0.48U	0.48U	0.48U
1,1,1-Trichloroethane, ug/l	0.065U	0.065U	0.065U	0.065U	0.065U
Carbon tetrachloride, ug/l	0.15U	0.15U	0.15U	0.15U	0.15U

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81850A
Received: 19 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS08
Sampled By: Client
Code: 102930519

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE/ TIME SAMPLED	SDG#
81850A-1	030S012005	03-18-03/11:10	PENS08
81850A-2	030S012403	03-18-03/09:30	PENS08
81850A-3	030S001220	03-18-03/10:30	PENS08
81850A-4	030C001220	03-18-03/10:30	PENS08
81850A-5	030S012503	03-18-03/09:00	PENS08

PARAMETER	81850A-1	81850A-2	81850A-3	81850A-4	81850A-5
Bromodichloromethane, ug/l	0.18U	0.18U	0.18U	0.18U	0.18U
1,2-Dichloropropane, ug/l	0.17U	0.17U	0.17U	0.17U	0.17U
cis-1,3-Dichloropropene, ug/l	0.12U	0.12U	0.12U	0.12U	0.12U
Trichloroethene, ug/l	0.13U	0.13U	0.13U	0.13U	0.13U
Dibromochloromethane, ug/l	0.078U	0.078U	0.078U	0.078U	0.078U
1,1,2-Trichloroethane, ug/l	0.11U	0.11U	0.11U	0.11U	0.11U
Benzene, ug/l	0.096U	0.096U	0.096U	0.096U	0.096U
trans-1,3-Dichloropropene, ug/l	0.15U	0.15U	0.15U	0.15U	0.15U
Bromoform, ug/l	0.19U	0.19U	0.19U	0.19U	0.19U
4-Methyl-2-pentanone (MIBK), ug/l	1.5J	0.27U	0.27U	0.27U	0.27U
2-Hexanone, ug/l	1.4J	0.29U	0.29U	0.29U	0.29U
Tetrachloroethene, ug/l	0.43U	0.43U	0.43U	0.43U	0.43U
1,1,2,2-Tetrachloroethane, ug/l	0.17U	0.17U	0.17U	0.60J	0.17U
Toluene, ug/l	0.065U	0.065U	0.065U	0.065U	0.83J
Chlorobenzene, ug/l	0.10U	0.10U	0.10U	0.10U	0.10U
Ethylbenzene, ug/l	0.11U	0.11U	0.30J	0.42J	0.11U
Styrene, ug/l	0.050U	0.050U	0.050U	0.050U	0.050U
Xylenes, Total, ug/l	0.28U	0.28U	0.28U	0.28U	0.28U
Surrogate - Toluene-d8	100 %	94 %	94 %	102 %	102 %

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81850A
Received: 19 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS08
Sampled By: Client
Code: 102930519

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE/ TIME SAMPLED	SDG#
81850A-1	030S012005	03-18-03/11:10	PENS08
81850A-2	030S012403	03-18-03/09:30	PENS08
81850A-3	030S001220	03-18-03/10:30	PENS08
81850A-4	030C001220	03-18-03/10:30	PENS08
81850A-5	030S012503	03-18-03/09:00	PENS08

PARAMETER	81850A-1	81850A-2	81850A-3	81850A-4	81850A-5
Surrogate - 4-Bromofluorobenzene	94 %	94 %	98 %	96 %	94 %
Surrogate - 1,2-Dichloroethane-d4	100 %	100 %	100 %	100 %	100 %
Dilution Factor	1	1	1	1	1
Prep Date	03.27.03	03.27.03	03.28.03	03.28.03	03.27.03
Analysis Date	03.27.03	03.27.03	03.28.03	03.28.03	03.27.03
Batch ID	100327	100327	200327	200327	100327
Initial Volume	5.00	5.00	5.00	5.00	5.00
Final Volume	5.00	5.00	5.00	5.00	5.00
Percent Solids	76	79	87	85	78

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • www.stl-inc.com

LOG NO: S3-81850A
Received: 19 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS08
Sampled By: Client
Code: 102930519

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE/ TIME SAMPLED	SDG#
81850A-6	030S012505	03-18-03/09:00	PENS08

PARAMETER	81850A-6
Volatiles by GC/MS (8260)	
Chloromethane, ug/kg dw	1.7U
Bromomethane (Methyl bromide), ug/kg dw	0.68U
Vinyl chloride, ug/kg dw	1.8U
Chloroethane, ug/kg dw	0.68U
Methylene chloride (Dichloromethane), ug/kg dw	1.4JB
Acetone, ug/kg dw	6.0U
Carbon disulfide, ug/kg dw	0.48U
1,1-Dichloroethene, ug/kg dw	0.69U
1,1-Dichloroethane, ug/kg dw	0.95U
cis-1,2-Dichloroethene, ug/kg dw	0.46U
trans-1,2-Dichloroethene, ug/kg dw	0.95U
Chloroform, ug/kg dw	0.52U
1,2-Dichloroethane, ug/kg dw	0.78U
2-Butanone (MEK), ug/kg dw	0.33U
1,1,1-Trichloroethane, ug/kg dw	0.64U
Carbon tetrachloride, ug/kg dw	0.42U
Bromodichloromethane, ug/kg dw	0.37U
1,1,2,2-Tetrachloroethane, ug/kg dw	0.68U

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81850A
Received: 19 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS08
Sampled By: Client
Code: 102930519

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE/ TIME SAMPLED	SDG#
81850A-6	030S012505	03-18-03/09:00	PENS08

PARAMETER	81850A-6
1,2-Dichloropropane, ug/kg dw	0.77U
trans-1,3-Dichloropropene, ug/kg dw	1.2U
Trichloroethene, ug/kg dw	0.92U
Dibromochloromethane, ug/kg dw	0.46U
1,1,2-Trichloroethane, ug/kg dw	1.2U
Benzene, ug/kg dw	0.45U
cis-1,3-Dichloropropene, ug/kg dw	0.83U
Bromoform, ug/kg dw	0.81U
2-Hexanone, ug/kg dw	0.51U
4-Methyl-2-pentanone (MIBK), ug/kg dw	0.45U
Tetrachloroethene, ug/kg dw	1.2U
Toluene, ug/kg dw	0.77U
Chlorobenzene, ug/kg dw	0.88U
Ethylbenzene, ug/kg dw	0.36U
Styrene, ug/kg dw	0.63U
Xylenes, Total, ug/kg dw	1.2U
Surrogate - Toluene-d8	93 %
Surrogate - 4-Bromofluorobenzene	87 %
Surrogate - Dibromofluoromethane	93 %
Dilution Factor	1
Prep Date	03.19.03
Analysis Date	03.25.03
Batch ID	1M0325
Initial Volume	5.00
Final Volume	5.00

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81850A
Received: 19 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS08
Sampled By: Client
Code: 102930519

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE/ TIME SAMPLED	SDG#
81850A-6	030S012505	03-18-03/09:00	PENS08

PARAMETER	81850A-6
Volatiles by GC/MS - SPLP (SPLP8260)	
Chloromethane, ug/l	0.40U
Bromomethane (Methyl bromide), ug/l	0.49U
Vinyl chloride, ug/l	0.13U
Chloroethane, ug/l	0.86U
Methylene chloride (Dichloromethane), ug/l	0.61U
Acetone, ug/l	2.3U
Carbon disulfide, ug/l	0.72U
1,1-Dichloroethene, ug/l	0.31U
1,1-Dichloroethane, ug/l	0.12U
cis-1,2-Dichloroethene, ug/l	0.16U
trans-1,2-Dichloroethene, ug/l	0.36U
Chloroform, ug/l	0.12U
1,2-Dichloroethane, ug/l	0.18U
2-Butanone (MEK), ug/l	0.48U
1,1,1-Trichloroethane, ug/l	0.065U
Carbon tetrachloride, ug/l	0.15U
Bromodichloromethane, ug/l	0.18U
1,2-Dichloropropane, ug/l	0.17U
cis-1,3-Dichloropropene, ug/l	0.12U
Trichloroethene, ug/l	0.13U

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81850A
Received: 19 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS08
Sampled By: Client
Code: 102930519

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE/ TIME SAMPLED	SDG#
81850A-6	030S012505	03-18-03/09:00	PENS08

PARAMETER	81850A-6
Dibromochloromethane, ug/l	0.078U
1,1,2-Trichloroethane, ug/l	0.11U
Benzene, ug/l	0.096U
trans-1,3-Dichloropropene, ug/l	0.15U
Bromoform, ug/l	0.19U
4-Methyl-2-pentanone (MIBK), ug/l	0.27U
2-Hexanone, ug/l	0.29U
Tetrachloroethene, ug/l	0.43U
1,1,2,2-Tetrachloroethane, ug/l	0.17U
Toluene, ug/l	0.065U
Chlorobenzene, ug/l	0.10U
Ethylbenzene, ug/l	0.11U
Styrene, ug/l	0.050U
Xylenes, Total, ug/l	0.28U
Surrogate - Toluene-d8	100 %
Surrogate - 4-Bromofluorobenzene	92 %
Surrogate - 1,2-Dichloroethane-d4	100 %
Dilution Factor	1
Prep Date	03.27.03
Analysis Date	03.27.03
Batch ID	100327
Initial Volume	5.00
Final Volume	5.00
Percent Solids	84

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81850A
Received: 19 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS08
Sampled By: Client
Code: 102930519

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE/ TIME SAMPLED	SDG#
81850A-7	011LF5S001	03-18-03/13:00	PENS08

PARAMETER	81850A-7
TAL Metals (6010)	
Aluminum, mg/kg dw	3700
Antimony, mg/kg dw	0.42U
Arsenic, mg/kg dw	2.5
Barium, mg/kg dw	34
Beryllium, mg/kg dw	0.091B
Cadmium, mg/kg dw	5.4
Calcium, mg/kg dw	1300
Chromium, mg/kg dw	270
Cobalt, mg/kg dw	0.50B
Copper, mg/kg dw	22
Iron, mg/kg dw	5000
Lead, mg/kg dw	160
Magnesium, mg/kg dw	220
Manganese, mg/kg dw	41
Nickel, mg/kg dw	2.1B
Potassium, mg/kg dw	68B
Selenium, mg/kg dw	0.48U
Silver, mg/kg dw	0.65B
Sodium, mg/kg dw	61
Thallium, mg/kg dw	0.74U
Vanadium, mg/kg dw	12
Zinc, mg/kg dw	68

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • www.stl-inc.com

LOG NO: S3-81850A
Received: 19 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS08
Sampled By: Client
Code: 102930519

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE/ TIME SAMPLED	SDG#
81850A-7	011LF5S001	03-18-03/13:00	PENS08

PARAMETER	81850A-7
Dilution Factor	1
Prep Date	03.25.03
Analysis Date	03.27.03
Batch ID	0325A
Initial Volume	1.03
Final Volume	100
Mercury (7471)	
Mercury, mg/kg dw	0.069
Dilution Factor	1
Prep Date	03.20.03
Analysis Date	03.26.03
Batch ID	0320S
Initial Volume	1.10
Final Volume	50

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • www.stl-inc.com

LOG NO: S3-81850A
Received: 19 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS08
Sampled By: Client
Code: 102930519

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE/ TIME SAMPLED	SDG#
81850A-7	011LF5S001	03-18-03/13:00	PENS08

PARAMETER	81850A-7
TAL Metals - SPLP (SPLP6010)	
Aluminum (SPLP), ug/l	4700
Antimony (SPLP), ug/l	3.8U
Arsenic (SPLP), ug/l	3.9U
Barium (SPLP), ug/l	9.4B
Beryllium (SPLP), ug/l	0.10U
Cadmium (SPLP), ug/l	0.40U
Calcium (SPLP), ug/l	8600
Chromium (SPLP), ug/l	46
Cobalt (SPLP), ug/l	0.70U
Copper (SPLP), ug/l	15B
Iron (SPLP), ug/l	2500
Lead (SPLP), ug/l	50
Magnesium (SPLP), ug/l	1400
Manganese (SPLP), ug/l	13B
Nickel (SPLP), ug/l	1.2U
Potassium (SPLP), ug/l	1400
Selenium (SPLP), ug/l	4.3U
Silver (SPLP), ug/l	1.0U
Sodium (SPLP), ug/l	31000X
Thallium (SPLP), ug/l	6.6U
Vanadium (SPLP), ug/l	5.6B
Zinc (SPLP), ug/l	30

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81850A
Received: 19 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS08
Sampled By: Client
Code: 102930519

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE/ TIME SAMPLED	SDG#
81850A-7	011LF5S001	03-18-03/13:00	PENS08

PARAMETER	81850A-7
Dilution Factor	1
Prep Date	03.25.03
Analysis Date	03.27.03
Batch ID	0325P
Initial Volume	50
Final Volume	50
Mercury (SPLP) (SPLP7470)	
Mercury (SPLP), ug/l	0.10U
Dilution Factor	1
Prep Date	03.25.03
Analysis Date	03.26.03
Batch ID	0325U
Initial Volume	50
Final Volume	50
Percent Solids	87

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81850A
Received: 19 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS08
Sampled By: Client
Code: 102930519

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81850A-8	030TS31803	03-18-03	PENS08

PARAMETER	81850A-8
Volatiles by GC/MS (8260)	
Chloromethane, ug/l	1.4U
Bromomethane (Methyl bromide), ug/l	0.57U
Vinyl chloride, ug/l	1.5U
Chloroethane, ug/l	0.57U
Methylene chloride (Dichloromethane), ug/l	1.2JB
Acetone, ug/l	5.0U
Carbon disulfide, ug/l	0.40U
1,1-Dichloroethene, ug/l	0.58U
1,1-Dichloroethane, ug/l	0.80U
cis-1,2-Dichloroethene, ug/l	0.39U
trans-1,2-Dichloroethene, ug/l	0.80U
Chloroform, ug/l	0.44U
1,2-Dichloroethane, ug/l	0.66U
2-Butanone (MEK), ug/l	0.65J
1,1,1-Trichloroethane, ug/l	0.54U
Carbon tetrachloride, ug/l	0.35U
Bromodichloromethane, ug/l	0.31U
1,1,2,2-Tetrachloroethane, ug/l	0.57U
1,2-Dichloropropane, ug/l	0.65U
trans-1,3-Dichloropropene, ug/l	1.0U

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81850A
Received: 19 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS08
Sampled By: Client
Code: 102930519

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81850A-8	030TS31803	03-18-03	PENS08

PARAMETER	81850A-8
Trichloroethene, ug/l	0.77U
Dibromochloromethane, ug/l	0.39U
1,1,2-Trichloroethane, ug/l	0.97U
Benzene, ug/l	0.38U
cis-1,3-Dichloropropene, ug/l	0.70U
Bromoform, ug/l	0.68U
2-Hexanone, ug/l	0.43U
4-Methyl-2-pentanone (MIBK), ug/l	0.38U
Tetrachloroethene, ug/l	0.98U
Toluene, ug/l	0.65U
Chlorobenzene, ug/l	0.74U
Ethylbenzene, ug/l	0.30U
Styrene, ug/l	1.2J
Xylenes, Total, ug/l	0.97U
Surrogate - Toluene-d8	98 %
Surrogate - 4-Bromofluorobenzene	98 %
Surrogate - Dibromofluoromethane	94 %
Dilution Factor	1
Prep Date	03.19.03
Analysis Date	03.25.03
Batch ID	1M0325
Initial Volume	5.00
Final Volume	5.00

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81850A
Received: 19 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS08
Sampled By: Client
Code: 102930519

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR SOLID/SEMISOLID	DATE/ TIME SAMPLED	SDG#
81850A-9	Method Detection Limit (MDL)		PENS08
81850A-10	Reporting Limit (RL)		PENS08
81850A-11	Method Blank		PENS08
81850A-12	Lab Control Standard % Recovery		PENS08
81850A-21	Method Blank		PENS08

PARAMETER	81850A-9	81850A-10	81850A-11	81850A-12	81850A-21
Volatiles by GC/MS (8260)					---
Chloromethane, ug/kg dw	1.4	5.0	1.4U	---	---
Bromomethane (Methyl bromide), ug/kg dw	0.57	5.0	0.57U	---	---
Vinyl chloride, ug/kg dw	1.5	5.0	1.5U	---	---
Chloroethane, ug/kg dw	0.57	5.0	0.57U	---	---
Methylene chloride (Dichloromethane), ug/kg dw	0.54	5.0	1.2J	---	---
Acetone, ug/kg dw	5.0	50	5.0U	---	---
Carbon disulfide, ug/kg dw	0.40	5.0	0.40U	---	---
1,1-Dichloroethene, ug/kg dw	0.58	5.0	0.58U	112 %	---
1,1-Dichloroethane, ug/kg dw	0.80	5.0	0.80U	---	---
cis-1,2-Dichloroethene, ug/kg dw	0.39	5.0	0.39U	---	---
trans-1,2-Dichloroethene, ug/kg dw	0.80	5.0	0.80U	---	---
Chloroform, ug/kg dw	0.44	5.0	0.44U	---	---
1,2-Dichloroethane, ug/kg dw	0.66	5.0	0.66U	---	---
2-Butanone (MEK), ug/kg dw	0.28	25	0.28U	---	---
1,1,1-Trichloroethane, ug/kg dw	0.54	5.0	0.54U	---	---
Carbon tetrachloride, ug/kg dw	0.35	5.0	0.35U	---	---

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81850A
Received: 19 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS08
Sampled By: Client
Code: 102930519

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR SOLID/SEMISOLID	DATE/ TIME SAMPLED	SDG#
81850A-9	Method Detection Limit (MDL)		PENS08
81850A-10	Reporting Limit (RL)		PENS08
81850A-11	Method Blank		PENS08
81850A-12	Lab Control Standard % Recovery		PENS08
81850A-21	Method Blank		PENS08

PARAMETER	81850A-9	81850A-10	81850A-11	81850A-12	81850A-21
Bromodichloromethane, ug/kg dw	0.31	5.0	0.31U	---	---
1,1,2,2-Tetrachloroethane, ug/kg dw	0.57	5.0	0.57U	---	---
1,2-Dichloropropane, ug/kg dw	0.65	5.0	0.65U	---	---
trans-1,3-Dichloropropene, ug/kg dw	1.0	5.0	1.0U	---	---
Trichloroethene, ug/kg dw	0.77	5.0	0.77U	108 %	---
Dibromochloromethane, ug/kg dw	0.39	5.0	0.39U	---	---
1,1,2-Trichloroethane, ug/kg dw	0.97	5.0	0.97U	---	---
Benzene, ug/kg dw	0.38	5.0	0.38U	102 %	---
cis-1,3-Dichloropropene, ug/kg dw	0.70	5.0	0.70U	---	---
Bromoform, ug/kg dw	0.68	5.0	0.68U	---	---
2-Hexanone, ug/kg dw	0.43	25	0.43U	---	---
4-Methyl-2-pentanone (MIBK), ug/kg dw	0.38	25	0.38U	---	---
Tetrachloroethene, ug/kg dw	0.98	5.0	0.98U	---	---
Toluene, ug/kg dw	0.65	5.0	0.65U	102 %	---
Chlorobenzene, ug/kg dw	0.74	5.0	0.74U	110 %	---
Ethylbenzene, ug/kg dw	0.30	5.0	0.30U	---	---
Styrene, ug/kg dw	0.53	5.0	0.53U	---	---

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81850A
Received: 19 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS08
Sampled By: Client
Code: 102930519

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR SOLID/SEMISOLID	DATE/ TIME SAMPLED	SDG#
81850A-9	Method Detection Limit (MDL)		PENS08
81850A-10	Reporting Limit (RL)		PENS08
81850A-11	Method Blank		PENS08
81850A-12	Lab Control Standard % Recovery		PENS08
81850A-21	Method Blank		PENS08

PARAMETER	81850A-9	81850A-10	81850A-11	81850A-12	81850A-21
Xylenes, Total, ug/kg dw	0.97	10	0.97U	---	---
Surrogate - Toluene-d8			96 %	112 %	---
Surrogate - 4-Bromofluorobenzene			100 %	106 %	---
Surrogate - Dibromofluoromethane		---	102 %	120 %	---
Dilution Factor	---	---	1	1	---
Prep Date	---	---	03.25.03	03.25.03	---
Analysis Date	---	---	03.25.03	03.25.03	---
Batch ID	---	---	1M0325	1M0325	---
Initial Volume	---	---	5.00	---	---
Final Volume	---	---	5.00	---	---

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81850A
Received: 19 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS08
Sampled By: Client
Code: 102930519

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR SOLID/SEMISOLID	DATE/ TIME SAMPLED	SDG#
81850A-9	Method Detection Limit (MDL)		PENS08
81850A-10	Reporting Limit (RL)		PENS08
81850A-11	Method Blank		PENS08
81850A-12	Lab Control Standard % Recovery		PENS08
81850A-21	Method Blank		PENS08

PARAMETER	81850A-9	81850A-10	81850A-11	81850A-12	81850A-21
Volatiles by GC/MS - SPLP (SPLP8260)					
Chloromethane, ug/l	0.40	1.0	0.40U	---	0.40U
Bromomethane (Methyl bromide), ug/l	0.49	1.0	0.49U	---	0.49U
Vinyl chloride, ug/l	0.13	1.0	0.13U	---	0.13U
Chloroethane, ug/l	0.86	1.0	0.86U	---	0.86U
Methylene chloride (Dichloromethane), ug/l	0.61	5.0	0.61U	---	0.61U
Acetone, ug/l	2.3	25	2.3U	---	2.3U
Carbon disulfide, ug/l	0.72	1.0	0.72U	---	0.72U
1,1-Dichloroethene, ug/l	0.31	1.0	0.31U	90 %	0.31U
1,1-Dichloroethane, ug/l	0.12	1.0	0.12U	---	0.12U
Chloroform, ug/l	0.12	1.0	0.12U	---	0.12U
1,2-Dichloroethane, ug/l	0.18	1.0	0.18U	---	0.18U
2-Butanone (MEK), ug/l	0.48	10	0.48U	---	0.48U
1,1,1-Trichloroethane, ug/l	0.065	1.0	0.065U	---	0.065U
Carbon tetrachloride, ug/l	0.15	1.0	0.15U	---	0.15U
Bromodichloromethane, ug/l	0.18	1.0	0.18U	---	0.18U
1,2-Dichloropropane, ug/l	0.17	1.0	0.17U	---	0.17U

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81850A
Received: 19 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS08
Sampled By: Client
Code: 102930519

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR SOLID/SEMISOLID	DATE/ TIME SAMPLED	SDG#
81850A-9	Method Detection Limit (MDL)		PENS08
81850A-10	Reporting Limit (RL)		PENS08
81850A-11	Method Blank		PENS08
81850A-12	Lab Control Standard % Recovery		PENS08
81850A-21	Method Blank		PENS08

PARAMETER	81850A-9	81850A-10	81850A-11	81850A-12	81850A-21
cis-1,3-Dichloropropene, ug/l	0.12	1.0	0.12U	---	0.12U
Trichloroethene, ug/l	0.13	1.0	0.13U	106 %	0.13U
Dibromochloromethane, ug/l	0.078	1.0	0.078U	---	0.078U
1,1,2-Trichloroethane, ug/l	0.11	1.0	0.11U	---	0.11U
Benzene, ug/l	0.096	1.0	0.096U	106 %	0.096U
trans-1,3-Dichloropropene, ug/l	0.15	1.0	0.15U	---	0.15U
Bromoform, ug/l	0.19	1.0	0.19U	---	0.19U
4-Methyl-2-pentanone (MIBK), ug/l	0.27	10	0.27U	---	0.27U
2-Hexanone, ug/l	0.29	10	0.29U	---	0.29U
Tetrachloroethene, ug/l	0.43	1.0	0.43U	---	0.43U
1,1,2,2-Tetrachloroethane, ug/l	0.17	1.0	0.17U	---	0.17U
Toluene, ug/l	0.065	1.0	0.065U	100 %	0.065U
Chlorobenzene, ug/l	0.10	1.0	0.10U	90 %	0.10U
Ethylbenzene, ug/l	0.11	1.0	0.11U	---	0.11U
Styrene, ug/l	0.050	1.0	0.050U	---	0.050U
Xylenes, Total, ug/l	0.28	2.0	0.28U	---	0.28U
cis-1,2-Dichloroethene, ug/l	0.16	1.0	0.16U	---	0.16U
trans-1,2-Dichloroethene, ug/l	0.36	1.0	0.36U	---	0.36U
Surrogate - Toluene-d8	---	---	94 %	100 %	92 %

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81850A
Received: 19 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS08
Sampled By: Client
Code: 102930519

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR SOLID/SEMISOLID	DATE/ TIME SAMPLED	SDG#
81850A-9	Method Detection Limit (MDL)		PENS08
81850A-10	Reporting Limit (RL)		PENS08
81850A-11	Method Blank		PENS08
81850A-12	Lab Control Standard % Recovery		PENS08
81850A-21	Method Blank		PENS08

PARAMETER	81850A-9	81850A-10	81850A-11	81850A-12	81850A-21
Surrogate - 4-Bromofluorobenzene	---	---	94 %	90 %	96 %
Surrogate - 1,2-Dichloroethane-d4	---	---	100 %	86 %	100 %
Dilution Factor	---	---	1	1	1
Prep Date	---	---	03.27.03	03.27.03	03.27.03
Analysis Date	---	---	03.27.03	03.27.03	03.27.03
Batch ID	---	---	100327	100327	200327
Initial Volume	---	---	5.00	---	5.00
Final Volume	---	---	5.00	---	5.00

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81850A
Received: 19 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS08
Sampled By: Client
Code: 102930519

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR SOLID/SEMISOLID	DATE/ TIME SAMPLED	SDG#
81850A-22	Lab Control Standard % Recovery		PENS08

PARAMETER	81850A-22
Volatiles by GC/MS - SPLP (SPLP8260)	
1,1-Dichloroethene, %	94 %
Trichloroethene, %	96 %
Benzene, %	98 %
Toluene, %	92 %
Chlorobenzene, %	90 %
Surrogate - Toluene-d8	92 %
Surrogate - 4-Bromofluorobenzene	98 %
Dilution Factor	1
Prep Date	03.27.03
Analysis Date	03.27.03
Batch ID	200327

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81850A
Received: 19 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS08
Sampled By: Client
Code: 102930519

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR SOLID/SEMISOLID	DATE/ TIME SAMPLED	SDG#
81850A-13	Instrument Detection Limit (IDL)		PENS08
81850A-14	Reporting Limit (RL)		PENS08
81850A-15	Method Blank		PENS08
81850A-16	Lab Control Standard % Recovery		PENS08

PARAMETER	81850A-13	81850A-14	81850A-15	81850A-16
TAL Metals (6010)				
Aluminum, mg/kg dw	1.1	20	3.1B	104 %
Antimony, mg/kg dw	0.38	2.0	0.38U	103 %
Arsenic, mg/kg dw	0.39	1.0	0.39U	100 %
Barium, mg/kg dw	0.050	1.0	0.22B	109 %
Beryllium, mg/kg dw	0.010	0.40	0.013B	105 %
Cadmium, mg/kg dw	0.040	0.50	0.094B	100 %
Calcium, mg/kg dw	0.64	50	1.3B	109 %
Chromium, mg/kg dw	0.090	1.0	0.090U	108 %
Cobalt, mg/kg dw	0.070	1.0	0.076B	105 %
Copper, mg/kg dw	0.080	2.0	0.12B	108 %
Iron, mg/kg dw	1.6	5.0	1.6U	100 %
Lead, mg/kg dw	0.19	0.50	0.26B	104 %
Magnesium, mg/kg dw	0.74	50	0.74U	105 %
Manganese, mg/kg dw	0.050	1.0	0.050U	108 %
Nickel, mg/kg dw	0.12	4.0	0.16B	103 %
Potassium, mg/kg dw	1.7	100	2.8B	102 %
Selenium, mg/kg dw	0.43	1.0	0.62B	98 %
Silver, mg/kg dw	0.10	1.0	0.13B	109 %
Sodium, mg/kg dw	17	50	17U	99 %

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81850A
Received: 19 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS08
Sampled By: Client
Code: 102930519

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR SOLID/SEMISOLID	DATE/ TIME SAMPLED	SDG#
81850A-13	Instrument Detection Limit (IDL)		PENS08
81850A-14	Reporting Limit (RL)		PENS08
81850A-15	Method Blank		PENS08
81850A-16	Lab Control Standard % Recovery		PENS08

PARAMETER	81850A-13	81850A-14	81850A-15	81850A-16
Thallium, mg/kg dw	0.66	1.0	0.66U	103 %
Vanadium, mg/kg dw	0.10	1.0	0.19B	105 %
Zinc, mg/kg dw	0.18	2.0	0.26B	107 %
Dilution Factor	---	---	1	1
Prep Date	---	---	03.25.03	03.25.03
Analysis Date	---	---	03.27.03	03.27.03
Batch ID	---	---	0325A	0325A
Initial Volume	---	---	1.00	---
Final Volume	---	---	100	---
Mercury (7471)				
Mercury, mg/kg dw	0.0050	0.020	0.0050U	96 %
Dilution Factor	---	---	1	1
Prep Date	---	---	03.20.03	03.20.03
Analysis Date	---	---	03.26.03	03.26.03
Batch ID	---	---	0320S	0320S
Initial Volume	---	---	NA	---
Final Volume	---	---	50	---

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81850A
Received: 19 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS08
Sampled By: Client
Code: 102930519

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR SOLID/SEMISOLID	DATE/ TIME SAMPLED	SDG#
81850A-13	Instrument Detection Limit (IDL)		PENS08
81850A-14	Reporting Limit (RL)		PENS08
81850A-15	Method Blank		PENS08
81850A-16	Lab Control Standard % Recovery		PENS08

PARAMETER	81850A-13	81850A-14	81850A-15	81850A-16
TAL Metals - SPLP (SPLP6010)				
Aluminum (SPLP), ug/l	11	200	11U	114 %
Antimony (SPLP), ug/l	3.8	20	3.8U	105 %
Arsenic (SPLP), ug/l	3.9	10	3.9U	102 %
Barium (SPLP), ug/l	0.50	10	1.6B	107 %
Beryllium (SPLP), ug/l	0.10	4.0	0.10U	104 %
Cadmium (SPLP), ug/l	0.40	5.0	0.55B	101 %
Calcium (SPLP), ug/l	6.4	500	150B	109 %
Chromium (SPLP), ug/l	0.90	10	1.8B	107 %
Cobalt (SPLP), ug/l	0.70	10	0.70U	105 %
Copper (SPLP), ug/l	0.80	20	1.3B	108 %
Iron (SPLP), ug/l	16	200	16U	111 %
Lead (SPLP), ug/l	1.9	5.0	1.9U	105 %
Magnesium (SPLP), ug/l	7.4	500	8.4B	105 %
Manganese (SPLP), ug/l	0.50	50	0.50U	110 %
Nickel (SPLP), ug/l	1.2	40	1.2U	104 %
Potassium (SPLP), ug/l	17	1000	17U	113 %
Selenium (SPLP), ug/l	4.3	10	4.3U	101 %
Silver (SPLP), ug/l	1.0	10	1.0U	108 %
Sodium (SPLP), ug/l	170	500	700X	256 %X

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • www.stl-inc.com

LOG NO: S3-81850A
Received: 19 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS08
Sampled By: Client
Code: 102930519

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR SOLID/SEMISOLID	DATE/ TIME SAMPLED	SDG#
81850A-13	Instrument Detection Limit (IDL)		PENS08
81850A-14	Reporting Limit (RL)		PENS08
81850A-15	Method Blank		PENS08
81850A-16	Lab Control Standard % Recovery		PENS08

PARAMETER	81850A-13	81850A-14	81850A-15	81850A-16
Thallium (SPLP), ug/l	6.6	10	6.6U	105 %
Vanadium (SPLP), ug/l	1.0	10	1.0U	104 %
Zinc (SPLP), ug/l	1.8	20	6.5B	108 %
Dilution Factor	---	---	1	1
Prep Date	---	---	03.25.03	03.25.03
Analysis Date	---	---	03.27.03	03.27.03
Batch ID	---	---	0325P	0325P
Initial Volume	---	---	50	---
Final Volume	---	---	50	---
Mercury (SPLP) (SPLP7470)				
Mercury (SPLP), ug/l	0.10	0.20	0.10U	105 %
Dilution Factor	---	---	1	1
Prep Date	---	---	03.25.03	03.25.03
Analysis Date	---	---	03.26.03	03.26.03
Batch ID	---	---	0325U	0325U
Initial Volume	---	---	50	---
Final Volume	---	---	50	---

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81850A
Received: 19 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS08
Sampled By: Client
Code: 102930519

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81850A-17	Method Detection Limit (MDL)		PENS08
81850A-18	Reporting Limit (RL)		PENS08
81850A-19	Method Blank		PENS08
81850A-20	Lab Control Standard % Recovery		PENS08

PARAMETER	81850A-17	81850A-18	81850A-19	81850A-20
Volatiles by GC/MS (8260)				
Chloromethane, ug/l	1.4	5.0	100U	---
Bromomethane (Methyl bromide), ug/l	0.57	5.0	100U	---
Vinyl chloride, ug/l	1.5	5.0	100U	---
Chloroethane, ug/l	0.57	5.0	100U	---
Methylene chloride (Dichloromethane), ug/l	0.54	5.0	51U	---
Acetone, ug/l	5.0	50	510U	---
Carbon disulfide, ug/l	0.40	5.0	130J	---
1,1-Dichloroethene, ug/l	0.58	5.0	82U	100 %
1,1-Dichloroethane, ug/l	0.80	5.0	35U	---
cis-1,2-Dichloroethene, ug/l	0.39	5.0	58U	---
trans-1,2-Dichloroethene, ug/l	0.80	5.0	52U	---
Chloroform, ug/l	0.44	5.0	39U	---
1,2-Dichloroethane, ug/l	0.66	5.0	100U	---
2-Butanone (MEK), ug/l	0.28	25	170U	---
1,1,1-Trichloroethane, ug/l	0.54	5.0	110U	---
Carbon tetrachloride, ug/l	0.35	5.0	120U	---
Bromodichloromethane, ug/l	0.31	5.0	86U	---

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • www.stl-inc.com

LOG NO: S3-81850A
Received: 19 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS08
Sampled By: Client
Code: 102930519

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81850A-17	Method Detection Limit (MDL)		PENS08
81850A-18	Reporting Limit (RL)		PENS08
81850A-19	Method Blank		PENS08
81850A-20	Lab Control Standard % Recovery		PENS08

PARAMETER	81850A-17	81850A-18	81850A-19	81850A-20
1,1,2,2-Tetrachloroethane, ug/l	0.57	5.0	79U	---
1,2-Dichloropropane, ug/l	0.65	5.0	96U	---
trans-1,3-Dichloropropene, ug/l	1.0	5.0	59U	---
Trichloroethene, ug/l	0.77	5.0	100U	100 %
Dibromochloromethane, ug/l	0.39	5.0	66U	---
1,1,2-Trichloroethane, ug/l	0.97	5.0	41U	---
Benzene, ug/l	0.38	5.0	46U	92 %
cis-1,3-Dichloropropene, ug/l	0.70	5.0	100U	---
Bromoform, ug/l	0.68	5.0	45U	---
2-Hexanone, ug/l	0.43	25	500U	---
4-Methyl-2-pentanone (MIBK), ug/l	0.38	25	140U	---
Tetrachloroethene, ug/l	0.98	5.0	89U	---
Toluene, ug/l	0.65	5.0	63U	100 %
Chlorobenzene, ug/l	0.74	5.0	62U	92 %
Ethylbenzene, ug/l	0.30	5.0	50U	---
Styrene, ug/l	0.53	5.0	130U	---
Xylenes, Total, ug/l	0.97	10	140U	---
Surrogate - Toluene-d8	NA	NA	92 %	125 %
Surrogate - 4-Bromofluorobenzene	NA	NA	83 %	117 %
Surrogate - Dibromofluoromethane	NA	NA	92 %	125 %

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81850A
Received: 19 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS08
Sampled By: Client
Code: 102930519

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81850A-17	Method Detection Limit (MDL)		PENS08
81850A-18	Reporting Limit (RL)		PENS08
81850A-19	Method Blank		PENS08
81850A-20	Lab Control Standard % Recovery		PENS08

PARAMETER	81850A-17	81850A-18	81850A-19	81850A-20
Dilution Factor	---	---	40	40
Prep Date	---	---	03.27.03	03.27.03
Analysis Date	---	---	03.27.03	03.27.03
Batch ID	---	---	100327	100327
Initial Volume	---	---	10.0	---
Final Volume	---	---	10.0	---

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81850A
Received: 19 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS08
Sampled By: Client
Code: 102930519

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#

PARAMETER

These test results meet all the requirements of NELAC. All questions regarding this test report should be directed to the STL Project Manager who signed this test report.
SW-846, Test Methods for Evaluating Solid Waste, Third Edition, September 1986, and Updates I, II, IIA, IIB, and III.

U = Indicates compound was analyzed for but not detected.

J = The flag "J" indicates the presence of a compound that meets the identification criteria, but the result is less than the sample RL and greater than the MDL.
B (Organic) = This flag is used when the analyte is found in the associated method blank as well as in the sample.

B (Inorganic) = This flag indicates the reported value was obtained from a reading that was less than the Project Reporting Limits but greater than or equal to the Method Detection Limit (MDL).

XX = Elevated detection limit due to sample matrix interferences.

X = (SPLP Sodium) = The filter pads used in the SPLP procedure contain calcium and sodium. The SPLP equipment is made of alloys containing iron. Therefore the presence of these elements may be high biased. Sodium was detected in the preparation blank and samples of this SDG.

Linda A Wolfe

Linda A. Wolfe, Project Manager

Final Page Of Report

ENSAFE

800-588-7962
MEMPHIS, TENNESSEE
CHARLESTON,SC; CINCINNATI,OH; DALLAS,TX; JACKSON,TN; KNOXVILLE,TN; LANCASTER,PA; NASHVILLE,TN; NORFOLK,VA; PADUCAH,KY; PENSACOLA,FL; RALEIGH,NC; COLOGNE, GERMANY

CHAIN OF CUSTODY RECORD

* Preserve EnCores w/ H_2O!

PAGE _____ OF _____

PROJECT/JOB NO: _____
COC NO: _____
PO NO: _____
REL NO: _____
LAB NAME: _____

CLIENT: ENSAFE
LOCATION: NAS Pensacola
SAMPLERS: (SIGNATURE) BCaldwell

PROJECT MANAGER: _____
TELE/FAX NO.: _____

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	ANALYSIS REQUIRED: TCL VOCs	SPLP TCL VOCs	TAL Metals	SPLP TAL Metals	REMARKS
030512005	3/18	1110	S	3-EnCores 2-125 mL glass	✓		5	X	X			
030512403	3/18	0930	S	"	✓		5	X	X			Preserve EnCores w/ H_2O!
030501220	3/18	1030	S	"	✓		5	X	X			
030C01220	3/18	1030	S	"	✓		5	X	X			
030512503	3/18	0900	S	"	✓		5	X	X			
030512505	3/18	0900	S	"	✓		5	X	X			
011LF55001	3/18	1300	S	3-125 mL glass	✓		3			X	X	
030TS31803*	3/18	1500	W	40 ml VOC	✓	HCL	3	X				* Per Phil Hardy, trip blank was left off COC. A Redmond 3/19/03

RELINQUISHER	DATE	RECEIVER	DATE	RELINQUISHER	DATE	RECEIVER	DATE
BCaldwell	3/18	J Swafford	3/19/03				
PRINTED: B Caldwell	TIME 1645	PRINTED: J Swafford	TIME 9:32	PRINTED:	TIME	PRINTED:	TIME
COMPANY:		COMPANY: STL		COMPANY:		COMPANY:	

METHOD OF SHIPMENT: _____
SHIPMENT NO. _____
SEND RESULTS TO: _____

COMMENTS: 538850

ANALYTICAL DATA RECEIVED BY (INITIALS/DATE) _____

ENSCOC2
REV. 05/98

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81920
Received: 20 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS09
Sampled By: Client
Code: 210830331

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81920-1	059T031903	03-19-03/08:00	PENS09
81920-2	027GS02103	03-19-03/10:40	PENS09
81920-3	027GS01103	03-19-03/14:45	PENS09
81920-4	012GS01703	03-19-03/10:55	PENS09
81920-5	025GS01003	03-19-03/11:50	PENS09

PARAMETER	81920-1	81920-2	81920-3	81920-4	81920-5
Volatiles by GC/MS (8260)					
Chloromethane, ug/l	0.40U	0.40U	0.40U	0.40U	0.40U
Bromomethane (Methyl bromide), ug/l	0.49U	0.49U	0.49U	0.49U	0.49U
Vinyl chloride, ug/l	0.13U	0.13U	0.13U	0.13U	0.13U
Chloroethane, ug/l	0.86U	0.86U	13	0.86U	0.86U
Methylene chloride (Dichloromethane), ug/l	0.61U	0.61U	0.61U	0.61U	0.61U
Acetone, ug/l	2.5J	2.3U	2.3U	3.6J	2.7J
Carbon disulfide, ug/l	0.72U	0.72U	0.72U	0.72U	0.72U
1,1-Dichloroethene, ug/l	0.31U	0.31U	1.2	0.31U	0.31U
1,1-Dichloroethane, ug/l	0.12U	3.1	35	0.22J	1.3
cis-1,2-Dichloroethene, ug/l	0.16U	0.36J	1.6	11	3.8
trans-1,2-Dichloroethene, ug/l	0.36U	0.36U	0.36U	0.36U	0.36U
Chloroform, ug/l	0.12U	0.12U	0.12U	0.23J	0.12U
1,2-Dichloroethane, ug/l	0.18U	0.18U	0.18U	0.18U	0.18U
2-Butanone (MEK), ug/l	1.2J	0.61J	1.9J	1.2J	0.83J
1,1,1-Trichloroethane, ug/l	0.065U	0.10J	10	0.065U	0.065U
Carbon tetrachloride, ug/l	0.15U	0.15U	0.15U	0.15U	0.15U

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • www.stl-inc.com

LOG NO: S3-81920
Received: 20 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS09
Sampled By: Client
Code: 210830331

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81920-1	059T031903	03-19-03/08:00	PENS09
81920-2	027GS02103	03-19-03/10:40	PENS09
81920-3	027GS01103	03-19-03/14:45	PENS09
81920-4	012GS01703	03-19-03/10:55	PENS09
81920-5	025GS01003	03-19-03/11:50	PENS09

PARAMETER	81920-1	81920-2	81920-3	81920-4	81920-5
Bromodichloromethane, ug/l	0.18U	0.18U	0.18U	0.18U	0.18U
1,1,2,2-Tetrachloroethane, ug/l	0.17U	0.17U	0.17U	0.17U	0.17U
1,2-Dichloropropane, ug/l	0.17U	0.17U	0.17U	0.17U	0.17U
trans-1,3-Dichloropropene, ug/l	0.15U	0.15U	0.15U	0.15U	0.15U
Trichloroethene, ug/l	0.13U	0.13U	0.20J	0.35J	0.13U
Dibromochloromethane, ug/l	0.078U	0.078U	0.078U	0.078U	0.078U
1,1,2-Trichloroethane, ug/l	0.11U	0.11U	0.11U	0.11U	0.11U
Benzene, ug/l	0.12J	0.096U	0.096U	0.096U	0.096U
cis-1,3-Dichloropropene, ug/l	0.12U	0.12U	0.12U	0.12U	0.12U
Bromoform, ug/l	0.19U	0.19U	0.19U	0.19U	0.19U
2-Hexanone, ug/l	0.29U	0.29U	0.29U	0.29U	0.29U
4-Methyl-2-pentanone (MIBK), ug/l	0.27U	0.27U	0.27U	0.27U	0.27U
Tetrachloroethene, ug/l	0.43U	0.58J	1.7	2.4	0.43U
Toluene, ug/l	0.16J	0.065U	0.065U	0.35J	0.32J
Chlorobenzene, ug/l	0.10U	0.10U	0.10U	0.10U	0.10U
Ethylbenzene, ug/l	0.13J	0.11U	0.11U	5.7	4.8
Styrene, ug/l	0.94J	0.050U	0.078J	0.050U	0.050U
Xylenes, Total, ug/l	0.28U	0.28U	0.42J	0.28U	18
Surrogate - Toluene-d8	104 %	104 %	104 %	106 %	106 %

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • www.stl-inc.com

LOG NO: S3-81920
Received: 20 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS09
Sampled By: Client
Code: 210830331

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81920-1	059T031903	03-19-03/08:00	PENS09
81920-2	027GS02103	03-19-03/10:40	PENS09
81920-3	027GS01103	03-19-03/14:45	PENS09
81920-4	012GS01703	03-19-03/10:55	PENS09
81920-5	025GS01003	03-19-03/11:50	PENS09

PARAMETER	81920-1	81920-2	81920-3	81920-4	81920-5
Surrogate - 4-Bromofluorobenzene	100 %	96 %	98 %	100 %	104 %
Surrogate - Dibromofluoromethane	98 %	98 %	100 %	96 %	98 %
Dilution Factor	1	1	1	1	1
Prep Date	03.27.03	03.27.03	03.27.03	03.27.03	03.27.03
Analysis Date	03.27.03	03.27.03	03.27.03	03.27.03	03.27.03
Batch ID	2B0327	2B0327	2B0327	2B0327	2B0327
Initial Volume	5.00	5.00	5.00	5.00	5.00
Final Volume	5.00	5.00	5.00	5.00	5.00

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81920
Received: 20 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS09
Sampled By: Client
Code: 210830331

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81920-6	027GS01703	03-19-03/10:35	PENS09
81920-7	027GS01803	03-19-03/11:35	PENS09
81920-7-DL	027GS01803	03-19-03/11:35	PENS09
81920-8	027HS01803	03-19-03/11:35	PENS09
81920-8-DL	027HS01803	03-19-03/11:35	PENS09

PARAMETER	81920-6	81920-7	81920-7-DL	81920-8	81920-8-DL
TCL Semivolatiles (8270)			---		---
Phenol, ug/l	1.0U	1.0U	---	1.0U	---
bis(2-Chloroethyl)ether, ug/l	1.0U	1.0U	---	1.0U	---
2-Chlorophenol, ug/l	0.79U	0.79U	---	0.79U	---
1,3-Dichlorobenzene, ug/l	1.0U	1.0U	---	1.0U	---
1,4-Dichlorobenzene, ug/l	1.0U	1.0U	---	1.0U	---
1,2-Dichlorobenzene, ug/l	1.0U	1.0U	---	1.0U	---
2-Methylphenol (o-Cresol), ug/l	0.59U	0.59U	---	0.59U	---
2,2'-Oxybis(1-Chloropropane) (bis-2-chloroisopropyl ether), ug/l	0.58U	0.58U	---	0.58U	---
3-Methylphenol/4-Methylphen ol (m&p-Cresol), ug/l	1.0U	29	---	28	---
N-Nitroso-di-n-propylamine, ug/l	1.0U	1.0U	---	1.0U	---
Hexachloroethane, ug/l	0.70U	0.70U	---	0.70U	---
Nitrobenzene, ug/l	1.0U	1.0U	---	1.0U	---
Isophorone, ug/l	1.0U	1.0U	---	1.0U	---
2-Nitrophenol, ug/l	1.1U	1.1U	---	1.1U	---
2,4-Dimethylphenol, ug/l	1.1U	1.1U	---	1.1U	---

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81920
Received: 20 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS09
Sampled By: Client
Code: 210830331

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81920-6	027GS01703	03-19-03/10:35	PENS09
81920-7	027GS01803	03-19-03/11:35	PENS09
81920-7-DL	027GS01803	03-19-03/11:35	PENS09
81920-8	027HS01803	03-19-03/11:35	PENS09
81920-8-DL	027HS01803	03-19-03/11:35	PENS09

PARAMETER	81920-6	81920-7	81920-7-DL	81920-8	81920-8-DL
bis(2-Chloroethoxy)methane, ug/l	1.0U	1.0U	---	1.0U	---
2,4-Dichlorophenol, ug/l	0.76U	0.76U	---	0.76U	---
1,2,4-Trichlorobenzene, ug/l	0.51U	0.51U	---	0.51U	---
4-Chloroaniline, ug/l	1.0U	1.0U	---	1.0U	---
Hexachlorobutadiene, ug/l	0.50U	0.50U	---	0.50U	---
4-Chloro-3-methylphenol, ug/l	1.0U	1.0U	---	1.0U	---
Hexachlorocyclopentadiene, ug/l	1.1U	1.1U	---	1.1U	---
2,4,6-Trichlorophenol, ug/l	1.1U	1.1U	---	1.1U	---
2,4,5-Trichlorophenol, ug/l	1.1U	1.1U	---	1.1U	---
2-Chloronaphthalene, ug/l	1.0U	1.0U	---	1.0U	---
2-Nitroaniline, ug/l	0.72U	0.72U	---	0.72U	---
Dimethylphthalate, ug/l	0.57U	0.57U	---	0.57U	---
3-Nitroaniline, ug/l	0.64U	0.64U	---	0.64U	---
2,4-Dinitrophenol, ug/l	10U	10U	---	10U	---
4-Nitrophenol, ug/l	5.0U	5.0U	---	5.0U	---
Dibenzofuran, ug/l	1.0U	1.0U	---	1.0U	---
2,4-Dinitrotoluene, ug/l	1.1U	1.1U	---	1.1U	---
2,6-Dinitrotoluene, ug/l	0.87U	0.87U	---	0.87U	---
Diethylphthalate, ug/l	1.0U	1.0U	---	1.0U	---

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81920
Received: 20 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS09
Sampled By: Client
Code: 210830331

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81920-6	027GS01703	03-19-03/10:35	PENS09
81920-7	027GS01803	03-19-03/11:35	PENS09
81920-7-DL	027GS01803	03-19-03/11:35	PENS09
81920-8	027HS01803	03-19-03/11:35	PENS09
81920-8-DL	027HS01803	03-19-03/11:35	PENS09

PARAMETER	81920-6	81920-7	81920-7-DL	81920-8	81920-8-DL
4-Chlorophenylphenyl ether, ug/l	0.70U	0.70U	---	0.70U	---
4-Nitroaniline, ug/l	0.86U	0.86U	---	0.86U	---
4,6-Dinitro-2-methylphenol, ug/l	10U	10U	---	10U	---
N-Nitrosodiphenylamine, ug/l	1.0U	1.0U	---	1.0U	---
4-Bromophenylphenyl ether, ug/l	1.0U	1.0U	---	1.0U	---
Hexachlorobenzene, ug/l	0.61U	0.61U	---	0.61U	---
Pentachlorophenol, ug/l	2.0U	2.0U	---	2.0U	---
Di-n-butylphthalate, ug/l	1.0U	1.0U	---	1.0U	---
Butylbenzylphthalate, ug/l	0.74U	0.74U	---	0.74U	---
3,3'-Dichlorobenzidine, ug/l	1.0U	1.0U	---	1.0U	---
bis(2-Ethylhexyl)phthalate, ug/l	2.4U	2.4U	---	2.4U	---
Di-n-octylphthalate, ug/l	1.2U	1.2U	---	1.2U	---
Carbazole, ug/l	0.54U	0.54U	---	0.54U	---
Surrogate - Phenol-d5	82 %	85 %	---	84 %	---
Surrogate - 2-Fluorophenol	84 %	91 %	---	93 %	---
Surrogate - 2,4,6-Tribromophenol	91 %	109 %	---	120 %	---
Surrogate - Nitrobenzene-d5	87 %	91 %	---	86 %	---
Surrogate - 2-Fluorobiphenyl	102 %	73 %	---	67 %	---
Surrogate - Terphenyl-d14	45 %	27 %	---	31 %	---

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81920
Received: 20 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS09
Sampled By: Client
Code: 210830331

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81920-6	027GS01703	03-19-03/10:35	PENS09
81920-7	027GS01803	03-19-03/11:35	PENS09
81920-7-DL	027GS01803	03-19-03/11:35	PENS09
81920-8	027HS01803	03-19-03/11:35	PENS09
81920-8-DL	027HS01803	03-19-03/11:35	PENS09

PARAMETER	81920-6	81920-7	81920-7-DL	81920-8	81920-8-DL
Dilution Factor	1	1	---	1	---
Prep Date	03.21.03	03.21.03	---	03.21.03	---
Analysis Date	03.26.03	03.26.03	---	03.26.03	---
Batch ID	0321E	0321E	---	0321E	---
Initial Volume	910	900	---	960	---
Final Volume	1.00	1.00	---	1.00	---

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81920
Received: 20 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS09
Sampled By: Client
Code: 210830331

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81920-6	027GS01703	03-19-03/10:35	PENS09
81920-7	027GS01803	03-19-03/11:35	PENS09
81920-7-DL	027GS01803	03-19-03/11:35	PENS09
81920-8	027HS01803	03-19-03/11:35	PENS09
81920-8-DL	027HS01803	03-19-03/11:35	PENS09

PARAMETER	81920-6	81920-7	81920-7-DL	81920-8	81920-8-DL
Low Level PAH (8270LL)					
Naphthalene, ug/l	0.095	44E	47D	45E	55D
Acenaphthylene, ug/l	0.13	0.024U	0.24U	0.024U	0.24U
Acenaphthene, ug/l	0.028	0.025U	0.25U	0.025U	0.25U
Fluorene, ug/l	0.026U	0.026U	0.26U	0.079	0.26U
Phenanthrene, ug/l	0.025U	0.025U	0.25U	0.34	0.25U
Anthracene, ug/l	0.031U	0.031U	0.31U	0.031U	0.31U
Fluoranthene, ug/l	0.061U	0.061U	0.61U	0.061U	0.61U
Pyrene, ug/l	0.051	0.046	0.42U	0.042U	0.53D
Chrysene, ug/l	0.088U	0.088U	0.88U	0.088U	0.88U
Benzo(a)anthracene, ug/l	0.070U	0.070U	0.70U	0.070U	0.70U
Benzo(b)fluoranthene, ug/l	0.074U	0.074U	0.74U	0.074U	0.74U
Benzo(k)fluoranthene, ug/l	0.058U	0.058U	0.58U	0.058U	0.58U
Benzo(a)pyrene, ug/l	0.060U	0.060U	0.60U	0.060U	0.60U
Indeno(1,2,3-cd)pyrene, ug/l	0.080U	0.080U	0.80U	0.080U	0.80U
Dibenzo(a,h)anthracene, ug/l	0.065U	0.065U	0.65U	0.065U	0.65U
Benzo(g,h,i)perylene, ug/l	0.096U	0.096U	0.96U	0.096U	0.96U
2-Methylnaphthalene, ug/l	0.44	7.3	8.0D	9.2	9.7D
1-Methylnaphthalene, ug/l	0.21	5.0	5.6D	6.2	6.4D

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81920
Received: 20 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS09
Sampled By: Client
Code: 210830331

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81920-6	027GS01703	03-19-03/10:35	PENS09
81920-7	027GS01803	03-19-03/11:35	PENS09
81920-7-DL	027GS01803	03-19-03/11:35	PENS09
81920-8	027HS01803	03-19-03/11:35	PENS09
81920-8-DL	027HS01803	03-19-03/11:35	PENS09

PARAMETER	81920-6	81920-7	81920-7-DL	81920-8	81920-8-DL
Surrogate - o-Terphenyl	110 %	60 %	0 %D	46 %	0 %D
Dilution Factor	1	1	10	1	10
Prep Date	03.21.03	03.21.03	03.21.03	03.21.03	03.21.03
Analysis Date	03.28.03	03.28.03	03.29.03	03.28.03	03.29.03
Batch ID	0321F	0321F	0321F	0321F	0321F
Initial Volume	980	980	980	960	960
Final Volume	1.00	1.00	1.00	1.00	1.00

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81920
Received: 20 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS09
Sampled By: Client
Code: 210830331

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81920-6	027GS01703	03-19-03/10:35	PENS09
81920-7	027GS01803	03-19-03/11:35	PENS09
81920-7-DL	027GS01803	03-19-03/11:35	PENS09
81920-8	027HS01803	03-19-03/11:35	PENS09
81920-8-DL	027HS01803	03-19-03/11:35	PENS09

PARAMETER	81920-6	81920-7	81920-7-DL	81920-8	81920-8-DL
Volatiles by GC/MS (8260)			---		---
Chloromethane, ug/l	0.40U	0.40U	---	0.40U	---
Bromomethane (Methyl bromide), ug/l	0.49U	0.49U	---	0.49U	---
Vinyl chloride, ug/l	0.13U	0.13U	---	0.13U	---
Chloroethane, ug/l	0.86U	4.6	---	4.7	---
Methylene chloride (Dichloromethane), ug/l	0.61U	0.61U	---	0.61U	---
Acetone, ug/l	2.3U	18J	---	18J	---
Carbon disulfide, ug/l	0.72U	0.72U	---	0.72U	---
1,1-Dichloroethene, ug/l	0.31U	0.31U	---	0.31U	---
1,1-Dichloroethane, ug/l	4.9	4.5	---	4.4	---
cis-1,2-Dichloroethene, ug/l	0.83J	2.9	---	2.8	---
trans-1,2-Dichloroethene, ug/l	0.36U	0.36U	---	0.36U	---
Chloroform, ug/l	0.12U	0.12U	---	0.12U	---
1,2-Dichloroethane, ug/l	0.18U	0.18U	---	0.18U	---
2-Butanone (MEK), ug/l	0.88J	2.6J	---	2.0J	---
1,1,1-Trichloroethane, ug/l	0.065U	0.065U	---	0.065U	---
Carbon tetrachloride, ug/l	0.15U	0.15U	---	0.15U	---

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81920
Received: 20 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS09
Sampled By: Client
Code: 210830331

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81920-6	027GS01703	03-19-03/10:35	PENS09
81920-7	027GS01803	03-19-03/11:35	PENS09
81920-7-DL	027GS01803	03-19-03/11:35	PENS09
81920-8	027HS01803	03-19-03/11:35	PENS09
81920-8-DL	027HS01803	03-19-03/11:35	PENS09

PARAMETER	81920-6	81920-7	81920-7-DL	81920-8	81920-8-DL
Bromodichloromethane, ug/l	0.18U	0.18U	---	0.18U	---
1,1,2,2-Tetrachloroethane, ug/l	0.17U	0.17U	---	0.17U	---
1,2-Dichloropropane, ug/l	0.17U	0.17U	---	0.17U	---
trans-1,3-Dichloropropene, ug/l	0.15U	0.15U	---	0.15U	---
Trichloroethene, ug/l	0.13U	1.1	---	1.1	---
Dibromochloromethane, ug/l	0.078U	0.078U	---	0.078U	---
1,1,2-Trichloroethane, ug/l	0.11U	0.11U	---	0.11U	---
Benzene, ug/l	0.096U	0.096U	---	0.096U	---
cis-1,3-Dichloropropene, ug/l	0.12U	0.12U	---	0.12U	---
Bromoform, ug/l	0.19U	0.19U	---	0.19U	---
2-Hexanone, ug/l	0.29U	0.29U	---	0.29U	---
4-Methyl-2-pentanone (MIBK), ug/l	0.27U	0.27U	---	0.27U	---
Tetrachloroethene, ug/l	0.86J	10	---	9.8	---
Toluene, ug/l	0.065U	0.42J	---	0.42J	---
Chlorobenzene, ug/l	0.10U	0.10U	---	0.10U	---
Ethylbenzene, ug/l	0.11U	11	---	11	---
Styrene, ug/l	0.050U	0.050U	---	0.050U	---
Xylenes, Total, ug/l	0.28U	78	---	81	---
Surrogate - Toluene-d8	104 %	106 %	---	104 %	---

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81920
Received: 20 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS09
Sampled By: Client
Code: 210830331

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81920-6	027GS01703	03-19-03/10:35	PENS09
81920-7	027GS01803	03-19-03/11:35	PENS09
81920-7-DL	027GS01803	03-19-03/11:35	PENS09
81920-8	027HS01803	03-19-03/11:35	PENS09
81920-8-DL	027HS01803	03-19-03/11:35	PENS09

PARAMETER	81920-6	81920-7	81920-7-DL	81920-8	81920-8-DL
Surrogate - 4-Bromofluorobenzene	106 %	104 %	---	108 %	---
Surrogate - Dibromofluoromethane	102 %	106 %	---	106 %	---
Dilution Factor	1	1	---	1	---
Prep Date	03.28.03	03.28.03	---	03.28.03	---
Analysis Date	03.28.03	03.28.03	---	03.28.03	---
Batch ID	2B0327	1B0328	---	1B0328	---
Initial Volume	5.00	5.00	---	5.00	---
Final Volume	5.00	5.00	---	5.00	---

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81920
Received: 20 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS09
Sampled By: Client
Code: 210830331

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81920-9	027GS01903	03-19-03/15:25	PENS09
81920-9-DL	027GS01903	03-19-03/15:25	PENS09

PARAMETER	81920-9	81920-9-DL
TCL Semivolatiles (8270)		---
Phenol, ug/l	1.0U	---
bis(2-Chloroethyl)ether, ug/l	1.0U	---
2-Chlorophenol, ug/l	0.79U	---
1,3-Dichlorobenzene, ug/l	1.0U	---
1,4-Dichlorobenzene, ug/l	1.0U	---
1,2-Dichlorobenzene, ug/l	1.0U	---
2-Methylphenol (o-Cresol), ug/l	0.59U	---
2,2'-Oxybis(1-Chloropropane) (bis-2-chloroisopropyl ether), ug/l	0.58U	---
3-Methylphenol/4-Methylphen ol (m&p-Cresol), ug/l	110	---
N-Nitroso-di-n-propylamine, ug/l	1.0U	---
Hexachloroethane, ug/l	0.70U	---
Nitrobenzene, ug/l	1.0U	---
Isophorone, ug/l	1.0U	---
2-Nitrophenol, ug/l	1.1U	---
2,4-Dimethylphenol, ug/l	1.1U	---
bis(2-Chloroethoxy)methane, ug/l	1.0U	---
2,4-Dichlorophenol, ug/l	0.76U	---
1,2,4-Trichlorobenzene, ug/l	0.51U	---

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81920
Received: 20 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS09
Sampled By: Client
Code: 210830331

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81920-9	027GS01903	03-19-03/15:25	PENS09
81920-9-DL	027GS01903	03-19-03/15:25	PENS09

PARAMETER	81920-9	81920-9-DL
4-Chloroaniline, ug/l	1.0U	---
Hexachlorobutadiene, ug/l	0.50U	---
4-Chloro-3-methylphenol, ug/l	1.0U	---
Hexachlorocyclopentadiene, ug/l	1.1U	---
2,4,6-Trichlorophenol, ug/l	1.1U	---
2,4,5-Trichlorophenol, ug/l	1.1U	---
2-Chloronaphthalene, ug/l	1.0U	---
2-Nitroaniline, ug/l	0.72U	---
Dimethylphthalate, ug/l	0.57U	---
3-Nitroaniline, ug/l	0.64U	---
2,4-Dinitrophenol, ug/l	10U	---
4-Nitrophenol, ug/l	5.0U	---
Dibenzofuran, ug/l	1.0U	---
2,4-Dinitrotoluene, ug/l	1.1U	---
2,6-Dinitrotoluene, ug/l	0.87U	---
Diethylphthalate, ug/l	1.0U	---
4-Chlorophenylphenyl ether, ug/l	0.70U	---
4-Nitroaniline, ug/l	0.86U	---
4,6-Dinitro-2-methylphenol, ug/l	10U	---
N-Nitrosodiphenylamine, ug/l	1.0U	---
4-Bromophenylphenyl ether, ug/l	1.0U	---
Hexachlorobenzene, ug/l	0.61U	---

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • www.stl-inc.com

LOG NO: S3-81920
Received: 20 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS09
Sampled By: Client
Code: 210830331

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81920-9	027GS01903	03-19-03/15:25	PENS09
81920-9-DL	027GS01903	03-19-03/15:25	PENS09

PARAMETER	81920-9	81920-9-DL
Pentachlorophenol, ug/l	2.0U	---
Di-n-butylphthalate, ug/l	1.0U	---
Butylbenzylphthalate, ug/l	0.74U	---
3,3'-Dichlorobenzidine, ug/l	1.0U	---
bis(2-Ethylhexyl)phthalate, ug/l	2.4U	---
Di-n-octylphthalate, ug/l	1.2U	---
Carbazole, ug/l	0.54U	---
Surrogate - Phenol-d5	77 %	---
Surrogate - 2-Fluorophenol	84 %	---
Surrogate - 2,4,6-Tribromophenol	130 %	---
Surrogate - Nitrobenzene-d5	90 %	---
Surrogate - 2-Fluorobiphenyl	57 %	---
Surrogate - Terphenyl-d14	18 %	---
Dilution Factor	1	---
Prep Date	03.21.03	---
Analysis Date	03.26.03	---
Batch ID	0321E	---
Initial Volume	980	---
Final Volume	1.00	---

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81920
Received: 20 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS09
Sampled By: Client
Code: 210830331

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81920-9	027GS01903	03-19-03/15:25	PENS09
81920-9-DL	027GS01903	03-19-03/15:25	PENS09

PARAMETER	81920-9	81920-9-DL
Low Level PAH (8270LL)		
Naphthalene, ug/l	73E	150D
Acenaphthylene, ug/l	0.22	0.61U
Acenaphthene, ug/l	0.091	0.63U
Fluorene, ug/l	0.033U	0.66U
Phenanthrene, ug/l	0.032U	0.63U
Anthracene, ug/l	0.039U	0.78U
Fluoranthene, ug/l	0.077U	1.5U
Pyrene, ug/l	0.053U	1.1U
Chrysene, ug/l	0.11U	2.2U
Benzo(a)anthracene, ug/l	0.089U	1.8U
Benzo(b)fluoranthene, ug/l	0.094U	1.9U
Benzo(k)fluoranthene, ug/l	0.073U	1.5U
Benzo(a)pyrene, ug/l	0.076U	1.5U
Indeno(1,2,3-cd)pyrene, ug/l	0.10U	2.0U
Dibenzo(a,h)anthracene, ug/l	0.082U	1.6U
Benzo(g,h,i)perylene, ug/l	0.12U	2.4U
2-Methylnaphthalene, ug/l	12	18D
1-Methylnaphthalene, ug/l	8.5	12D
Surrogate - o-Terphenyl	40 %	0 %D
Dilution Factor	1	20
Prep Date	03.21.03	03.21.03
Analysis Date	03.28.03	03.29.03
Batch ID	0321F	0321F
Initial Volume	790	790
Final Volume	1.00	1.00

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81920
Received: 20 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS09
Sampled By: Client
Code: 210830331

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81920-9	027GS01903	03-19-03/15:25	PENS09
81920-9-DL	027GS01903	03-19-03/15:25	PENS09

PARAMETER	81920-9	81920-9-DL
Volatiles by GC/MS (8260)		
Chloromethane, ug/l	0.40U	1.6U
Bromomethane (Methyl bromide), ug/l	0.49U	2.0U
Vinyl chloride, ug/l	0.61J	0.53DJ
Chloroethane, ug/l	0.86U	3.4U
Methylene chloride (Dichloromethane), ug/l	0.61U	2.4U
Acetone, ug/l	2.3U	9.2U
Carbon disulfide, ug/l	0.72U	2.9U
1,1-Dichloroethene, ug/l	1.2	1.2DJ
1,1-Dichloroethane, ug/l	1.4	1.4DJ
cis-1,2-Dichloroethene, ug/l	320E	300D
trans-1,2-Dichloroethene, ug/l	0.36U	1.4U
Chloroform, ug/l	0.16J	0.48U
1,2-Dichloroethane, ug/l	0.18U	0.72U
2-Butanone (MEK), ug/l	6.1J	7.0DJ
1,1,1-Trichloroethane, ug/l	0.065U	0.26U
Carbon tetrachloride, ug/l	0.15U	0.60U
Bromodichloromethane, ug/l	0.18U	0.72U
1,1,2,2-Tetrachloroethane, ug/l	0.17U	0.68U
1,2-Dichloropropane, ug/l	0.17U	0.68U

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81920
Received: 20 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS09
Sampled By: Client
Code: 210830331

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81920-9	027GS01903	03-19-03/15:25	PENS09
81920-9-DL	027GS01903	03-19-03/15:25	PENS09

PARAMETER	81920-9	81920-9-DL
trans-1,3-Dichloropropene, ug/l	0.15U	0.60U
Trichloroethene, ug/l	3.6	3.5DJ
Dibromochloromethane, ug/l	0.078U	0.31U
1,1,2-Trichloroethane, ug/l	0.11U	0.44U
Benzene, ug/l	0.096U	0.38U
cis-1,3-Dichloropropene, ug/l	0.12U	0.48U
Bromoform, ug/l	0.19U	0.76U
2-Hexanone, ug/l	0.29U	1.2U
4-Methyl-2-pentanone (MIBK), ug/l	0.27U	1.1U
Tetrachloroethene, ug/l	65	59D
Toluene, ug/l	2.2	2.1DJ
Chlorobenzene, ug/l	0.10U	0.40U
Ethylbenzene, ug/l	61	56D
Styrene, ug/l	0.050U	0.20U
Xylenes, Total, ug/l	530	540D
Surrogate - Toluene-d8	104 %	104 %
Surrogate - 4-Bromofluorobenzene	104 %	100 %
Surrogate - Dibromofluoromethane	106 %	102 %
Dilution Factor	1	4
Prep Date	03.28.03	03.28.03
Analysis Date	03.28.03	03.28.03
Batch ID	1B0328	2B0327
Initial Volume	5.00	5.00
Final Volume	5.00	5.00

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81920
Received: 20 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS09
Sampled By: Client
Code: 210830331

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81920-10	030GS17403	03-19-03/14:20	PENS09

PARAMETER	81920-10
Volatiles by GC/MS (8260)	
Chloromethane, ug/l	0.40U
Bromomethane (Methyl bromide), ug/l	0.49U
Vinyl chloride, ug/l	0.13U
Chloroethane, ug/l	0.86U
Methylene chloride (Dichloromethane), ug/l	0.61U
Acetone, ug/l	2.3U
Carbon disulfide, ug/l	0.72U
1,1-Dichloroethene, ug/l	0.31U
1,1-Dichloroethane, ug/l	0.41J
cis-1,2-Dichloroethene, ug/l	0.16U
trans-1,2-Dichloroethene, ug/l	0.36U
Chloroform, ug/l	0.12U
1,2-Dichloroethane, ug/l	0.18U
2-Butanone (MEK), ug/l	0.60J
1,1,1-Trichloroethane, ug/l	1.2
Carbon tetrachloride, ug/l	0.15U
Bromodichloromethane, ug/l	0.18U
1,1,2,2-Tetrachloroethane, ug/l	0.17U
1,2-Dichloropropane, ug/l	0.17U
trans-1,3-Dichloropropene, ug/l	0.15U

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81920
Received: 20 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS09
Sampled By: Client
Code: 210830331

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81920-10	030GS17403	03-19-03/14:20	PENS09

PARAMETER	81920-10
Trichloroethene, ug/l	0.27J
Dibromochloromethane, ug/l	0.078U
1,1,2-Trichloroethane, ug/l	0.11U
Benzene, ug/l	0.096U
cis-1,3-Dichloropropene, ug/l	0.12U
Bromoform, ug/l	0.19U
2-Hexanone, ug/l	0.29U
4-Methyl-2-pentanone (MIBK), ug/l	0.27U
Tetrachloroethene, ug/l	1.0
Toluene, ug/l	0.065U
Chlorobenzene, ug/l	0.10U
Ethylbenzene, ug/l	0.11U
Styrene, ug/l	0.050U
Xylenes, Total, ug/l	0.28U
Surrogate - Toluene-d8	104 %
Surrogate - 4-Bromofluorobenzene	100 %
Surrogate - Dibromofluoromethane	100 %
Dilution Factor	1
Prep Date	03.28.03
Analysis Date	03.28.03
Batch ID	2B0327
Initial Volume	5.00
Final Volume	5.00

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81920
Received: 20 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS09
Sampled By: Client
Code: 210830331

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81920-10	030GS17403	03-19-03/14:20	PENS09

PARAMETER	81920-10
TAL Metals (6010)	
Aluminum, ug/l	86B
Antimony, ug/l	3.8U
Arsenic, ug/l	3.9U
Barium, ug/l	9.1B
Beryllium, ug/l	0.10U
Cadmium, ug/l	14
Calcium, ug/l	18000
Chromium, ug/l	6.2B
Cobalt, ug/l	0.70U
Copper, ug/l	2.2B
Iron, ug/l	41B
Lead, ug/l	1.9U
Magnesium, ug/l	1500
Manganese, ug/l	1.2B
Nickel, ug/l	1.2U
Potassium, ug/l	4100
Selenium, ug/l	4.3U
Silver, ug/l	1.0U
Sodium, ug/l	7300
Thallium, ug/l	6.6U
Vanadium, ug/l	1.0U
Zinc, ug/l	3.7B

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81920
Received: 20 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS09
Sampled By: Client
Code: 210830331

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81920-10	030GS17403	03-19-03/14:20	PENS09

PARAMETER	81920-10
Dilution Factor	1
Prep Date	03.25.03
Analysis Date	03.27.03
Batch ID	0325K
Initial Volume	50
Final Volume	50
Mercury (7470)	
Mercury, ug/l	0.10U
Dilution Factor	1
Prep Date	03.26.03
Analysis Date	03.27.03
Batch ID	0326R
Initial Volume	50
Final Volume	50

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81920
Received: 20 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS09
Sampled By: Client
Code: 210830331

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81920-11	011GS01603	03-19-03/10:00	PENS09

PARAMETER	81920-11
TAL Metals (6010)	
Aluminum, ug/l	170B
Antimony, ug/l	3.8U
Arsenic, ug/l	3.9U
Barium, ug/l	28
Beryllium, ug/l	0.10U
Cadmium, ug/l	2.6B
Calcium, ug/l	27000
Chromium, ug/l	4.1B
Cobalt, ug/l	0.70U
Copper, ug/l	13B
Iron, ug/l	1000
Lead, ug/l	13
Magnesium, ug/l	1200
Manganese, ug/l	25
Nickel, ug/l	1.2U
Potassium, ug/l	280B
Selenium, ug/l	4.3U
Silver, ug/l	1.0U
Sodium, ug/l	3000
Thallium, ug/l	6.6U
Vanadium, ug/l	1.0U
Zinc, ug/l	88

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81920
Received: 20 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS09
Sampled By: Client
Code: 210830331

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81920-11	011GS01603	03-19-03/10:00	PENS09

PARAMETER	81920-11
Dilution Factor	1
Prep Date	03.25.03
Analysis Date	03.27.03
Batch ID	0325K
Initial Volume	50
Final Volume	50
Mercury (7470)	
Mercury, ug/l	0.10U
Dilution Factor	1
Prep Date	03.26.03
Analysis Date	03.27.03
Batch ID	0326R
Initial Volume	50
Final Volume	50

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81920
Received: 20 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS09
Sampled By: Client
Code: 210830331

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81920-11	011GS01603	03-19-03/10:00	PENS09

PARAMETER	81920-11
TCL Semivolatiles (8270)	
Phenol, ug/l	1.0U
bis(2-Chloroethyl)ether, ug/l	1.0U
2-Chlorophenol, ug/l	0.79U
1,3-Dichlorobenzene, ug/l	1.0U
1,4-Dichlorobenzene, ug/l	1.0U
1,2-Dichlorobenzene, ug/l	1.0U
2-Methylphenol (o-Cresol), ug/l	0.59U
2,2'-Oxybis(1-Chloropropane) (bis-2-chloroisopropyl ether), ug/l	0.58U
3-Methylphenol/4-Methylphen ol (m&p-Cresol), ug/l	1.0U
N-Nitroso-di-n-propylamine, ug/l	1.0U
Hexachloroethane, ug/l	0.70U
Nitrobenzene, ug/l	1.0U
Isophorone, ug/l	1.0U
2-Nitrophenol, ug/l	1.1U
2,4-Dimethylphenol, ug/l	1.1U
bis(2-Chloroethoxy)methane, ug/l	1.0U
2,4-Dichlorophenol, ug/l	0.76U
1,2,4-Trichlorobenzene, ug/l	0.51U
4-Chloroaniline, ug/l	1.0U

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81920
Received: 20 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS09
Sampled By: Client
Code: 210830331

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81920-11	011GS01603	03-19-03/10:00	PENS09

PARAMETER	81920-11
Hexachlorobutadiene, ug/l	0.50U
4-Chloro-3-methylphenol, ug/l	1.0U
Hexachlorocyclopentadiene, ug/l	1.1U
2,4,6-Trichlorophenol, ug/l	1.1U
2,4,5-Trichlorophenol, ug/l	1.1U
2-Chloronaphthalene, ug/l	1.0U
2-Nitroaniline, ug/l	0.72U
Dimethylphthalate, ug/l	0.57U
3-Nitroaniline, ug/l	0.64U
2,4-Dinitrophenol, ug/l	10U
4-Nitrophenol, ug/l	5.0U
Dibenzofuran, ug/l	1.0U
2,4-Dinitrotoluene, ug/l	1.1U
2,6-Dinitrotoluene, ug/l	0.87U
Diethylphthalate, ug/l	1.0U
4-Chlorophenylphenyl ether, ug/l	0.70U
4-Nitroaniline, ug/l	0.86U
4,6-Dinitro-2-methylphenol, ug/l	10U
N-Nitrosodiphenylamine, ug/l	1.0U
4-Bromophenylphenyl ether, ug/l	1.0U
Hexachlorobenzene, ug/l	0.61U
Pentachlorophenol, ug/l	2.0U
Di-n-butylphthalate, ug/l	1.0U

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81920
Received: 20 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS09
Sampled By: Client
Code: 210830331

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81920-11	011GS01603	03-19-03/10:00	PENS09

PARAMETER	81920-11
Butylbenzylphthalate, ug/l	0.74U
3,3'-Dichlorobenzidine, ug/l	1.0U
bis(2-Ethylhexyl)phthalate, ug/l	2.4U
Di-n-octylphthalate, ug/l	1.2U
Carbazole, ug/l	0.54U
Surrogate - Phenol-d5	74 %
Surrogate - 2-Fluorophenol	75 %
Surrogate - 2,4,6-Tribromophenol	89 %
Surrogate - Nitrobenzene-d5	86 %
Surrogate - 2-Fluorobiphenyl	96 %
Surrogate - Terphenyl-d14	48 %
Dilution Factor	1
Prep Date	03.21.03
Analysis Date	03.27.03
Batch ID	0321E
Initial Volume	1000
Final Volume	1.00

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81920
Received: 20 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS09
Sampled By: Client
Code: 210830331

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81920-11	011GS01603	03-19-03/10:00	PENS09

PARAMETER	81920-11
Low Level PAH (8270LL)	
Naphthalene, ug/l	0.028U
Acenaphthylene, ug/l	0.024U
Acenaphthene, ug/l	0.025U
Fluorene, ug/l	0.026U
Phenanthrene, ug/l	0.025U
Anthracene, ug/l	0.031U
Fluoranthene, ug/l	0.061U
Pyrene, ug/l	0.044
Chrysene, ug/l	0.088U
Benzo(a)anthracene, ug/l	0.070U
Benzo(b)fluoranthene, ug/l	0.074U
Benzo(k)fluoranthene, ug/l	0.058U
Benzo(a)pyrene, ug/l	0.060U
Indeno(1,2,3-cd)pyrene, ug/l	0.080U
Dibenzo(a,h)anthracene, ug/l	0.065U
Benzo(g,h,i)perylene, ug/l	0.096U
2-Methylnaphthalene, ug/l	0.022U
1-Methylnaphthalene, ug/l	0.028U
Surrogate - o-Terphenyl	95 %
Dilution Factor	1
Prep Date	03.21.03
Analysis Date	03.28.03
Batch ID	0321F
Initial Volume	960
Final Volume	1.00

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81920
Received: 20 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS09
Sampled By: Client
Code: 210830331

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81920-12	027GS02003	03-19-03/14:25	PENS09

PARAMETER	81920-12
TCL Semivolatiles (8270)	
Phenol, ug/l	1.0U
bis(2-Chloroethyl)ether, ug/l	1.0U
2-Chlorophenol, ug/l	0.79U
1,3-Dichlorobenzene, ug/l	1.0U
1,4-Dichlorobenzene, ug/l	1.0U
1,2-Dichlorobenzene, ug/l	1.0U
2-Methylphenol (o-Cresol), ug/l	0.59U
2,2'-Oxybis(1-Chloropropane) (bis-2-chloroisopropyl ether), ug/l	0.58U
3-Methylphenol/4-Methylphen ol (m&p-Cresol), ug/l	1.0U
N-Nitroso-di-n-propylamine, ug/l	1.0U
Hexachloroethane, ug/l	0.70U
Nitrobenzene, ug/l	1.0U
Isophorone, ug/l	1.0U
2-Nitrophenol, ug/l	1.1U
2,4-Dimethylphenol, ug/l	1.1U
bis(2-Chloroethoxy)methane, ug/l	1.0U
2,4-Dichlorophenol, ug/l	0.76U
1,2,4-Trichlorobenzene, ug/l	0.77J
4-Chloroaniline, ug/l	1.0U

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81920
Received: 20 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS09
Sampled By: Client
Code: 210830331

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81920-12	027GS02003	03-19-03/14:25	PENS09

PARAMETER	81920-12
Hexachlorobutadiene, ug/l	0.50U
4-Chloro-3-methylphenol, ug/l	1.0U
Hexachlorocyclopentadiene, ug/l	1.1U
2,4,6-Trichlorophenol, ug/l	1.1U
2,4,5-Trichlorophenol, ug/l	1.1U
2-Chloronaphthalene, ug/l	1.0U
2-Nitroaniline, ug/l	0.72U
Dimethylphthalate, ug/l	0.57U
3-Nitroaniline, ug/l	0.64U
2,4-Dinitrophenol, ug/l	10U
4-Nitrophenol, ug/l	5.0U
Dibenzofuran, ug/l	1.0U
2,4-Dinitrotoluene, ug/l	1.1U
2,6-Dinitrotoluene, ug/l	0.87U
Diethylphthalate, ug/l	1.0U
4-Chlorophenylphenyl ether, ug/l	0.70U
4-Nitroaniline, ug/l	0.86U
4,6-Dinitro-2-methylphenol, ug/l	10U
N-Nitrosodiphenylamine, ug/l	1.0U
4-Bromophenylphenyl ether, ug/l	1.0U
Hexachlorobenzene, ug/l	0.61U
Pentachlorophenol, ug/l	2.0U
Di-n-butylphthalate, ug/l	1.0U

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81920
Received: 20 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS09
Sampled By: Client
Code: 210830331

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81920-12	027GS02003	03-19-03/14:25	PENS09

PARAMETER	81920-12
Butylbenzylphthalate, ug/l	0.74U
3,3'-Dichlorobenzidine, ug/l	1.0U
bis(2-Ethylhexyl)phthalate, ug/l	2.4U
Di-n-octylphthalate, ug/l	1.2U
Carbazole, ug/l	0.54U
Surrogate - Phenol-d5	56 %
Surrogate - 2-Fluorophenol	56 %
Surrogate - 2,4,6-Tribromophenol	84 %
Surrogate - Nitrobenzene-d5	63 %
Surrogate - 2-Fluorobiphenyl	72 %
Surrogate - Terphenyl-d14	45 %
Dilution Factor	1
Prep Date	03.21.03
Analysis Date	03.28.03
Batch ID	0321E
Initial Volume	980
Final Volume	1.00

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81920
Received: 20 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS09
Sampled By: Client
Code: 210830331

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81920-12	027GS02003	03-19-03/14:25	PENS09

PARAMETER	81920-12
Low Level PAH (8270LL)	
Naphthalene, ug/l	2.0
Acenaphthylene, ug/l	0.15
Acenaphthene, ug/l	0.036
Fluorene, ug/l	0.026U
Phenanthrene, ug/l	0.025U
Anthracene, ug/l	0.031U
Fluoranthene, ug/l	0.061U
Pyrene, ug/l	0.042U
Chrysene, ug/l	0.088U
Benzo(a)anthracene, ug/l	0.070U
Benzo(b)fluoranthene, ug/l	0.074U
Benzo(k)fluoranthene, ug/l	0.058U
Benzo(a)pyrene, ug/l	0.060U
Indeno(1,2,3-cd)pyrene, ug/l	0.080U
Dibenzo(a,h)anthracene, ug/l	0.065U
Benzo(g,h,i)perylene, ug/l	0.096U
2-Methylnaphthalene, ug/l	0.14
1-Methylnaphthalene, ug/l	0.54
Surrogate - o-Terphenyl	105 %
Dilution Factor	1
Prep Date	03.21.03
Analysis Date	03.28.03
Batch ID	0321F
Initial Volume	1000
Final Volume	1.00

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81920
Received: 20 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS09
Sampled By: Client
Code: 210830331

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81920-13	027GS00103	03-19-03/11:45	PENS09

PARAMETER	81920-13
TAL Metals (6010)	
Aluminum, ug/l	130B
Antimony, ug/l	3.8U
Arsenic, ug/l	3.9U
Barium, ug/l	7.4B
Beryllium, ug/l	0.10U
Cadmium, ug/l	0.40U
Calcium, ug/l	21000
Chromium, ug/l	0.90U
Cobalt, ug/l	0.70U
Copper, ug/l	1.2B
Iron, ug/l	730
Lead, ug/l	1.9U
Magnesium, ug/l	1900
Manganese, ug/l	5.7B
Nickel, ug/l	1.2U
Potassium, ug/l	2500
Selenium, ug/l	4.3U
Silver, ug/l	1.0U
Sodium, ug/l	5400
Thallium, ug/l	6.6U
Vanadium, ug/l	2.1B
Zinc, ug/l	3.7B

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81920
Received: 20 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS09
Sampled By: Client
Code: 210830331

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81920-13	027GS00103	03-19-03/11:45	PENS09

PARAMETER	81920-13
Dilution Factor	1
Prep Date	03.25.03
Analysis Date	03.27.03
Batch ID	0325K
Initial Volume	50
Final Volume	50
Mercury (7470)	
Mercury, ug/l	0.10U
Dilution Factor	1
Prep Date	03.26.03
Analysis Date	03.27.03
Batch ID	0326R
Initial Volume	50
Final Volume	50

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81920
Received: 20 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS09
Sampled By: Client
Code: 210830331

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81920-14	Method Detection Limit (MDL)		PENS09
81920-15	Reporting Limit (RL)		PENS09
81920-16	Method Blank		PENS09
81920-17	Lab Control Standard % Recovery		PENS09
81920-22	Method Blank		PENS09

PARAMETER	81920-14	81920-15	81920-16	81920-17	81920-22
TCL Semivolatiles (8270)					---
Phenol, ug/l	1.0	10	1.0U	77 %	---
bis(2-Chloroethyl)ether, ug/l	1.0	10	1.0U	---	---
2-Chlorophenol, ug/l	0.79	10	0.79U	89 %	---
1,3-Dichlorobenzene, ug/l	1.0	10	1.0U	---	---
1,4-Dichlorobenzene, ug/l	1.0	10	1.0U	72 %	---
1,2-Dichlorobenzene, ug/l	1.0	10	1.0U	---	---
2-Methylphenol (o-Cresol), ug/l	0.59	10	0.59U	---	---
2,2'-Oxybis(1-Chloropropane) (bis-2-chloroisopropyl ether), ug/l	0.58	10	0.58U	---	---
3-Methylphenol/4-Methylphen ol (m&p-Cresol), ug/l	1.0	10	1.0U	---	---
N-Nitroso-di-n-propylamine, ug/l	1.0	10	1.0U	83 %	---
Hexachloroethane, ug/l	0.70	10	0.70U	---	---
Nitrobenzene, ug/l	1.0	10	1.0U	---	---
Isophorone, ug/l	1.0	10	1.0U	---	---
2-Nitrophenol, ug/l	1.1	10	1.1U	---	---
2,4-Dimethylphenol, ug/l	1.1	10	1.1U	---	---

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • www.stl-inc.com

LOG NO: S3-81920
Received: 20 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO: No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS09
Sampled By: Client
Code: 210830331

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81920-14	Method Detection Limit (MDL)		PENS09
81920-15	Reporting Limit (RL)		PENS09
81920-16	Method Blank		PENS09
81920-17	Lab Control Standard % Recovery		PENS09
81920-22	Method Blank		PENS09

PARAMETER	81920-14	81920-15	81920-16	81920-17	81920-22
bis(2-Chloroethoxy)methane, ug/l	1.0	10	1.0U	---	---
2,4-Dichlorophenol, ug/l	0.76	10	0.76U	---	---
1,2,4-Trichlorobenzene, ug/l	0.51	10	0.51U	75 %	---
4-Chloroaniline, ug/l	1.0	20	1.0U	---	---
Hexachlorobutadiene, ug/l	0.50	10	0.50U	---	---
4-Chloro-3-methylphenol, ug/l	1.0	10	1.0U	91 %	---
Hexachlorocyclopentadiene, ug/l	1.1	10	1.1U	---	---
2,4,6-Trichlorophenol, ug/l	1.1	10	1.1U	---	---
2,4,5-Trichlorophenol, ug/l	1.1	10	1.1U	---	---
2-Chloronaphthalene, ug/l	1.0	10	1.0U	---	---
2-Nitroaniline, ug/l	0.72	50	0.72U	---	---
Dimethylphthalate, ug/l	0.57	10	0.57U	---	---
3-Nitroaniline, ug/l	0.64	50	0.64U	---	---
2,4-Dinitrophenol, ug/l	10	50	10U	---	---
4-Nitrophenol, ug/l	5.0	50	5.0U	100 %	---
Dibenzofuran, ug/l	1.0	10	1.0U	---	---
2,4-Dinitrotoluene, ug/l	1.1	10	1.1U	100 %	---
2,6-Dinitrotoluene, ug/l	0.87	10	0.87U	---	---
Diethylphthalate, ug/l	1.0	10	1.0U	---	---

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • www.stl-inc.com

LOG NO: S3-81920
Received: 20 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS09
Sampled By: Client
Code: 210830331

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81920-14	Method Detection Limit (MDL)		PENS09
81920-15	Reporting Limit (RL)		PENS09
81920-16	Method Blank		PENS09
81920-17	Lab Control Standard % Recovery		PENS09
81920-22	Method Blank		PENS09

PARAMETER	81920-14	81920-15	81920-16	81920-17	81920-22
4-Chlorophenylphenyl ether, ug/l	0.70	10	0.70U	---	---
4-Nitroaniline, ug/l	0.86	50	0.86U	---	---
4,6-Dinitro-2-methylphenol, ug/l	10	50	10U	---	---
N-Nitrosodiphenylamine, ug/l	1.0	10	1.0U	---	---
4-Bromophenylphenyl ether, ug/l	1.0	10	1.0U	---	---
Hexachlorobenzene, ug/l	0.61	10	0.61U	---	---
Pentachlorophenol, ug/l	2.0	50	2.0U	100 %	---
Di-n-butylphthalate, ug/l	1.0	10	1.0U	---	---
Butylbenzylphthalate, ug/l	0.74	10	0.74U	---	---
3,3'-Dichlorobenzidine, ug/l	1.0	20	1.0U	---	---
bis(2-Ethylhexyl)phthalate, ug/l	2.4	10	2.4U	---	---
Di-n-octylphthalate, ug/l	1.2	10	1.2U	---	---
Carbazole, ug/l	0.54	10	0.54U	---	---
Surrogate - Phenol-d5	NA	NA	83 %	86 %	---
Surrogate - 2-Fluorophenol	NA	NA	86 %	87 %	---
Surrogate - 2,4,6-Tribromophenol	NA	NA	96 %	93 %	---
Surrogate - Nitrobenzene-d5	NA	NA	88 %	94 %	---
Surrogate - 2-Fluorobiphenyl	NA	NA	102 %	106 %	---
Surrogate - Terphenyl-d14	NA	NA	90 %	98 %	---

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81920
Received: 20 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS09
Sampled By: Client
Code: 210830331

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81920-14	Method Detection Limit (MDL)		PENS09
81920-15	Reporting Limit (RL)		PENS09
81920-16	Method Blank		PENS09
81920-17	Lab Control Standard % Recovery		PENS09
81920-22	Method Blank		PENS09

PARAMETER	81920-14	81920-15	81920-16	81920-17	81920-22
Dilution Factor	---	---	1	1	---
Prep Date	---	---	03.21.03	03.21.03	---
Analysis Date	---	---	03.26.03	03.26.03	---
Batch ID	---	---	0321E	0321E	---
Initial Volume	---	---	1000	---	---
Final Volume	---	---	1.00	---	---

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81920
Received: 20 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS09
Sampled By: Client
Code: 14173041

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81920-14	Method Detection Limit (MDL)		PENS09
81920-15	Reporting Limit (RL)		PENS09
81920-16	Method Blank		PENS09
81920-17	Lab Control Standard % Recovery		PENS09
81920-22	Method Blank		PENS09

PARAMETER	81920-14	81920-15	81920-16	81920-17	81920-22
Low Level PAH (8270LL)					---
Naphthalene, ug/l	0.028	0.20	0.028U	75 %	---
Acenaphthylene, ug/l	0.024	0.20	0.024U	---	---
Acenaphthene, ug/l	0.025	0.20	0.025U	80 %	---
Fluorene, ug/l	0.026	0.20	0.026U	75 %	---
Phenanthrene, ug/l	0.025	0.20	0.025U	---	---
Anthracene, ug/l	0.031	0.20	0.031U	---	---
Fluoranthene, ug/l	0.061	0.20	0.061U	---	---
Pyrene, ug/l	0.042	0.20	0.042U	90 %	---
Chrysene, ug/l	0.088	0.20	0.088U	---	---
Benzo(a)anthracene, ug/l	0.070	0.20	0.070U	---	---
Benzo(b)fluoranthene, ug/l	0.074	0.20	0.074U	---	---
Benzo(k)fluoranthene, ug/l	0.058	0.20	0.058U	---	---
Benzo(a)pyrene, ug/l	0.060	0.20	0.060U	75 %	---
Indeno(1,2,3-cd)pyrene, ug/l	0.080	0.20	0.080U	---	---
Dibenzo(a,h)anthracene, ug/l	0.065	0.20	0.065U	---	---
Benzo(g,h,i)perylene, ug/l	0.096	0.20	0.096U	---	---
2-Methylnaphthalene, ug/l	0.022	0.20	0.022U	---	---
1-Methylnaphthalene, ug/l	0.028	0.20	0.028U	---	---

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81920
Received: 20 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS09
Sampled By: Client
Code: 14173041

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81920-14	Method Detection Limit (MDL)		PENS09
81920-15	Reporting Limit (RL)		PENS09
81920-16	Method Blank		PENS09
81920-17	Lab Control Standard % Recovery		PENS09
81920-22	Method Blank		PENS09

PARAMETER	81920-14	81920-15	81920-16	81920-17	81920-22
Surrogate - o-Terphenyl	NA	---	120 %	120 %	---
Dilution Factor	---	---	1	1	---
Prep Date	---	---	03.21.03	03.21.03	---
Analysis Date	---	---	03.28.03	03.28.03	---
Batch ID	---	---	0321F	0321F	---
Initial Volume	---	---	1000	---	---
Final Volume	---	---	1.00	---	---

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81920
Received: 20 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS09
Sampled By: Client
Code: 210830331

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81920-14	Method Detection Limit (MDL)		PENS09
81920-15	Reporting Limit (RL)		PENS09
81920-16	Method Blank		PENS09
81920-17	Lab Control Standard % Recovery		PENS09
81920-22	Method Blank		PENS09

PARAMETER	81920-14	81920-15	81920-16	81920-17	81920-22
Volatiles by GC/MS (8260)					
Chloromethane, ug/l	0.40	1.0	0.40U	---	0.40U
Bromomethane (Methyl bromide), ug/l	0.49	1.0	0.49U	---	0.49U
Vinyl chloride, ug/l	0.13	1.0	0.13U	---	0.13U
Chloroethane, ug/l	0.86	1.0	0.86U	---	0.86U
Methylene chloride (Dichloromethane), ug/l	0.61	5.0	0.61U	---	0.61U
Acetone, ug/l	2.3	25	2.3U	---	2.3U
Carbon disulfide, ug/l	0.72	1.0	0.72U	---	0.72U
1,1-Dichloroethene, ug/l	0.31	1.0	0.31U	88 %	0.31U
1,1-Dichloroethane, ug/l	0.12	1.0	0.12U	---	0.12U
cis-1,2-Dichloroethene, ug/l	0.16	1.0	0.16U	---	0.16U
trans-1,2-Dichloroethene, ug/l	0.36	1.0	0.36U	---	0.36U
Chloroform, ug/l	0.12	1.0	0.12U	---	0.12U
1,2-Dichloroethane, ug/l	0.18	1.0	0.18U	---	0.18U
2-Butanone (MEK), ug/l	0.48	10	0.48U	---	0.48U
1,1,1-Trichloroethane, ug/l	0.065	1.0	0.065U	---	0.065U
Carbon tetrachloride, ug/l	0.15	1.0	0.15U	---	0.15U

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81920
Received: 20 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS09
Sampled By: Client
Code: 210830331

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81920-14	Method Detection Limit (MDL)		PENS09
81920-15	Reporting Limit (RL)		PENS09
81920-16	Method Blank		PENS09
81920-17	Lab Control Standard % Recovery		PENS09
81920-22	Method Blank		PENS09

PARAMETER	81920-14	81920-15	81920-16	81920-17	81920-22
Bromodichloromethane, ug/l	0.18	1.0	0.18U	---	0.18U
1,1,2,2-Tetrachloroethane, ug/l	0.17	1.0	0.17U	---	0.17U
1,2-Dichloropropane, ug/l	0.17	1.0	0.17U	---	0.17U
trans-1,3-Dichloropropene, ug/l	0.15	1.0	0.15U	---	0.15U
Trichloroethene, ug/l	0.13	1.0	0.13U	84 %	0.13U
Dibromochloromethane, ug/l	0.078	1.0	0.078U	---	0.078U
1,1,2-Trichloroethane, ug/l	0.11	1.0	0.11U	---	0.11U
Benzene, ug/l	0.096	1.0	0.096U	88 %	0.096U
cis-1,3-Dichloropropene, ug/l	0.12	1.0	0.12U	---	0.12U
Bromoform, ug/l	0.19	1.0	0.19U	---	0.19U
2-Hexanone, ug/l	0.29	10	0.29U	---	0.29U
4-Methyl-2-pentanone (MIBK), ug/l	0.27	10	0.27U	---	0.27U
Tetrachloroethene, ug/l	0.43	1.0	0.43U	---	0.43U
Toluene, ug/l	0.065	1.0	0.065U	90 %	0.065U
Chlorobenzene, ug/l	0.10	1.0	0.10U	84 %	0.10U
Ethylbenzene, ug/l	0.11	1.0	0.11U	---	0.11U
Styrene, ug/l	0.050	1.0	0.050U	---	0.050U
Xylenes, Total, ug/l	0.28	2.0	0.28U	---	0.28U
Surrogate - Toluene-d8	NA	NA	102 %	104 %	104 %

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • www.stl-inc.com

LOG NO: S3-81920
Received: 20 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS09
Sampled By: Client
Code: 210830331

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81920-14	Method Detection Limit (MDL)		PENS09
81920-15	Reporting Limit (RL)		PENS09
81920-16	Method Blank		PENS09
81920-17	Lab Control Standard % Recovery		PENS09
81920-22	Method Blank		PENS09

PARAMETER	81920-14	81920-15	81920-16	81920-17	81920-22
Surrogate - 4-Bromofluorobenzene	NA	NA	100 %	98 %	100 %
Surrogate - Dibromofluoromethane	NA	NA	98 %	100 %	104 %
Dilution Factor	---	---	1	1	1
Prep Date	---	---	03.27.03	03.27.03	03.28.03
Analysis Date	---	---	03.27.03	03.27.03	03.28.03
Batch ID	---	---	2B0327	2B0327	1B0328
Initial Volume	---	---	5.00	---	5.00
Final Volume	---	---	5.00	---	5.00

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81920
Received: 20 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS09
Sampled By: Client
Code: 210830331

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81920-23	Lab Control Standard % Recovery		PENS09

PARAMETER	81920-23
Volatiles by GC/MS (8260)	
1,1-Dichloroethene, %	88 %
Trichloroethene, %	84 %
Benzene, %	88 %
Toluene, %	88 %
Chlorobenzene, %	88 %
Surrogate - Toluene-d8	104 %
Surrogate - 4-Bromofluorobenzene	100 %
Surrogate - Dibromofluoromethane	104 %
Dilution Factor	1
Prep Date	03.28.03
Analysis Date	03.28.03
Batch ID	1B0328

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • www.stl-inc.com

LOG NO: S3-81920
Received: 20 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS09
Sampled By: Client
Code: 210830331

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81920-18	Instrument Detection Limit (IDL)		PENS09
81920-19	Reporting Limit (RL)		PENS09
81920-20	Method Blank		PENS09
81920-21	Lab Control Standard % Recovery		PENS09

PARAMETER	81920-18	81920-19	81920-20	81920-21
TAL Metals (6010)				
Aluminum, ug/l	11	200	24B	107 %
Antimony, ug/l	3.8	20	3.8U	105 %
Arsenic, ug/l	3.9	10	3.9U	103 %
Barium, ug/l	0.50	10	0.50U	107 %
Beryllium, ug/l	0.10	4.0	0.10U	105 %
Cadmium, ug/l	0.40	5.0	0.40U	101 %
Calcium, ug/l	6.4	500	6.4U	108 %
Chromium, ug/l	0.90	10	0.90U	107 %
Cobalt, ug/l	0.70	10	0.70U	106 %
Copper, ug/l	0.80	20	0.80U	107 %
Iron, ug/l	16	50	16U	104 %
Lead, ug/l	1.9	5.0	1.9U	105 %
Magnesium, ug/l	7.4	500	7.4U	106 %
Manganese, ug/l	0.50	10	0.50U	108 %
Nickel, ug/l	1.2	40	1.2U	104 %
Potassium, ug/l	17	1000	53B	108 %
Selenium, ug/l	4.3	10	5.2B	103 %
Silver, ug/l	1.0	10	1.0U	109 %
Sodium, ug/l	170	500	170U	100 %

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • www.stl-inc.com

LOG NO: S3-81920
Received: 20 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS09
Sampled By: Client
Code: 210830331

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81920-18	Instrument Detection Limit (IDL)		PENS09
81920-19	Reporting Limit (RL)		PENS09
81920-20	Method Blank		PENS09
81920-21	Lab Control Standard % Recovery		PENS09

PARAMETER	81920-18	81920-19	81920-20	81920-21
Thallium, ug/l	6.6	10	6.6U	105 %
Vanadium, ug/l	1.0	10	1.0U	104 %
Zinc, ug/l	1.8	20	1.8U	107 %
Dilution Factor	---	---	1	1
Prep Date	---	---	03.25.03	03.25.03
Analysis Date	---	---	03.27.03	03.27.03
Batch ID	---	---	0325K	0325K
Initial Volume	---	---	50	---
Final Volume	---	---	50	---
Mercury (7470)				
Mercury, ug/l	0.10	0.20	0.10U	100 %
Dilution Factor	---	---	1	1
Prep Date	---	---	03.26.03	03.26.03
Analysis Date	---	---	03.27.03	03.27.03
Batch ID	---	---	0326R	0326R
Initial Volume	---	---	50	---
Final Volume	---	---	50	---

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • www.stl-inc.com

LOG NO: S3-81920
Received: 20 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS09
Sampled By: Client
Code: 210830331

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#

PARAMETER

These test results meet all the requirements of NELAC. All questions regarding this test report should be directed to the STL Project Manager who signed this test report.
SW-846, Test Methods for Evaluating Solid Waste, Third Edition, September 1986, and Updates I, II, IIA, IIB, and III.

U = Indicates compound was analyzed for but not detected.

J = The flag "J" indicates the presence of a compound that meets the identification criteria, but the result is less than the sample RL and greater than the MDL.
E (Organic) = Result exceeded the upper calibration limit.

D = Result is from a secondary dilution.

B (Inorganic) = This flag indicates the reported value was obtained from a reading that was less than the Project Reporting Limits but greater than or equal to the Method Detection Limit (MDL).

Linda A Wolfe
Linda A. Wolfe, Project Manager

Final Page Of Report

FedEx:

Serial Number 03007

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

SEVERN TRENT **STL**

(X) STL Savannah
5102 LaRoche Avenue
Savannah, GA 31404
Website: www.stl-inc.com
Phone: (912) 354-7858
Fax: (912) 352-0165

( ) Alternate Laboratory Name/Location
Phone:
Fax:

PROJECT REFERENCE	PROJECT NO.	PROJECT LOCATION (STATE)
NASP-002		FL
STL (LAB) PROJECT MANAGER: Linda Wolfe	P.O. NUMBER	CONTRACT NO.
CLIENT (SITE) PM: Allison Harris	CLIENT PHONE: 901/372-7962	CLIENT FAX: 901/372-2454
CLIENT NAME: EnSafe	CLIENT E-MAIL	
CLIENT ADDRESS: 5724 Summer Trees Dr Memphis, TN 38134		
COMPANY CONTRACTING THIS WORK (if applicable)		

PAGE 1 OF 2

STANDARD REPORT DELIVERY (X)
DATE DUE _____
EXPEDITED REPORT DELIVERY (SURCHARGE) ( )
DATE DUE _____
NUMBER OF COOLERS SUBMITTED PER SHIPMENT:

SAMPLE DATE	SAMPLE TIME	SAMPLE IDENTIFICATION	MATRIX: COMPOSITE (C) OR GRAB (G) INDICATE	MATRIX: AQUEOUS (WATER)	MATRIX: SOLID OR SEMISOLID	MATRIX: AIR	MATRIX: NONAQUEOUS LIQUID (OIL, SOLVENT,...)	REQUIRED ANALYSIS: VOC (HCl)	REQUIRED ANALYSIS: SVOC/PAH (None)	REQUIRED ANALYSIS: Metals (HNO_3)	REMARKS
3/19/03	0800	059T031903		X				X			
	1035	027GS01703		X				X	X		
	1135	027GS01803		X				X	X		
	1135	027HS01803		X				X	X		
	1525	027GS01903		X				X	X		
	1425	027GS02003		X					X		
	1040	027GS02103		X				X			
	1145	027GS00103		X						X	
	1445	027GS01103		X				X			
	RV	~~030GS01603~~		X						X	no sample
	RV	~~030HS01603~~		X						X	no sample
	1000	011GS01603		X					X	X	

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
Lindy Liddell	3/19/03	1700						
RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT YES ( ) NO ( )	CUSTODY SEAL NO.	STL SAVANNAH LOG NO.	LABORATORY REMARKS
Sully	032003	0945			S38192O	

STL8240-680 (12/02)

Serial Number 03008

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

SEVERN TRENT **STL**

STL Savannah
5102 LaRoche Avenue
Savannah, GA 31404
Website: www.stl-inc.com
Phone: (912) 354-7858
Fax: (912) 352-0165

Alternate Laboratory Name/Location
Phone:
Fax:

PROJECT REFERENCE	PROJECT NO.	PROJECT LOCATION (STATE)
NASP-042		FL
STL (LAB) PROJECT MANAGER	P.O. NUMBER	CONTRACT NO.
Linda Wolfe		
CLIENT (SITE) PM	CLIENT PHONE	CLIENT FAX
Allison Harris	901/372-7962	901/372-2454
CLIENT NAME	CLIENT E-MAIL	
EnSafe		
CLIENT ADDRESS		
5724 Summer Trees Dr. Memphis, TN 38134		
COMPANY CONTRACTING THIS WORK (if applicable)		

PAGE 2 OF 2

STANDARD REPORT DELIVERY ⊗
DATE DUE
EXPEDITED REPORT DELIVERY (SURCHARGE) ○
DATE DUE
NUMBER OF COOLERS SUBMITTED PER SHIPMENT:

SAMPLE DATE	SAMPLE TIME	SAMPLE IDENTIFICATION	MATRIX: COMPOSITE (C) OR GRAB (G) INDICATE	MATRIX: AQUEOUS (WATER)	MATRIX: SOLID OR SEMISOLID	MATRIX: AIR	MATRIX: NONAQUEOUS LIQUID (OIL, SOLVENT,...)	REQUIRED ANALYSIS: VOC (HCl)	SVOC/PAH (None)	Metals (HNO_3)	PCB/Pest (None)	REMARKS
3/19/03	1055	012GS01703		X				X				
	1150	025GS01003		X				X				
	1420	030GS17403		X				X		X		
	~~1600~~	~~059EB00002~~		X				X	X	X	X	no sample
	~~1620~~	~~059FB00002~~		X				X	X	X	X	no sample

PRESERVATIVE

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
Amy Liddell	3/19/03	1700						
RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME
ENTRY CONTRACTORS								

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT	CUSTODY SEAL NO.	STL SAVANNAH LOG NO.	LABORATORY REMARKS
Sally	3/20/03	0945	YES ○ NO ○		S381920	

STL8240-680 (12/02)

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • www.stl-inc.com

LOG NO: S3-81974
Received: 21 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS10
Sampled By: Client
Code: 16123041

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81974-1	059T032003	03-20-03/08:00	PENS10

PARAMETER	81974-1
Volatiles by GC/MS (8260)	
Chloromethane, ug/l	0.40U
Bromomethane (Methyl bromide), ug/l	0.49U
Vinyl chloride, ug/l	0.13U
Chloroethane, ug/l	0.86U
Methylene chloride (Dichloromethane), ug/l	0.61U
Acetone, ug/l	2.3U
Carbon disulfide, ug/l	0.72U
1,1-Dichloroethene, ug/l	0.31U
1,1-Dichloroethane, ug/l	0.12U
cis-1,2-Dichloroethene, ug/l	0.16U
trans-1,2-Dichloroethene, ug/l	0.36U
Chloroform, ug/l	0.12U
1,2-Dichloroethane, ug/l	0.18U
2-Butanone (MEK), ug/l	0.48U
1,1,1-Trichloroethane, ug/l	0.065U
Carbon tetrachloride, ug/l	0.15U
Bromodichloromethane, ug/l	0.18U
1,1,2,2-Tetrachloroethane, ug/l	0.17U
1,2-Dichloropropane, ug/l	0.17U
trans-1,3-Dichloropropene, ug/l	0.15U
Trichloroethene, ug/l	0.13U
Dibromochloromethane, ug/l	0.078U

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • www.stl-inc.com

LOG NO: S3-81974
Received: 21 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS10
Sampled By: Client
Code: 16123041

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81974-1	059T032003	03-20-03/08:00	PENS10

PARAMETER	81974-1
1,1,2-Trichloroethane, ug/l	0.11U
Benzene, ug/l	0.14J
cis-1,3-Dichloropropene, ug/l	0.12U
Bromoform, ug/l	0.19U
2-Hexanone, ug/l	0.29U
4-Methyl-2-pentanone (MIBK), ug/l	0.27U
Tetrachloroethene, ug/l	0.43U
Toluene, ug/l	0.065U
Chlorobenzene, ug/l	0.10U
Ethylbenzene, ug/l	0.11U
Styrene, ug/l	0.050U
Xylenes, Total, ug/l	0.28U
Surrogate - Toluene-d8	90 %
Surrogate - 4-Bromofluorobenzene	88 %
Surrogate - Dibromofluoromethane	98 %
Dilution Factor	1
Prep Date	03.29.03
Analysis Date	03.29.03
Batch ID	1P0329
Initial Volume	5.00
Final Volume	5.00

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • www.stl-inc.com

LOG NO: S3-81974
Received: 21 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS10
Sampled By: Client
Code: 16123041

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81974-2	059EB00002	03-20-03/08:30	PENS10
81974-3	059FB00002	03-20-03/08:45	PENS10

PARAMETER	81974-2	81974-3
TCL Semivolatiles (8270)		
Phenol, ug/l	1.0U	1.0U
bis(2-Chloroethyl)ether, ug/l	1.0U	1.0U
2-Chlorophenol, ug/l	0.79U	0.79U
1,3-Dichlorobenzene, ug/l	1.0U	1.0U
1,4-Dichlorobenzene, ug/l	1.0U	1.0U
1,2-Dichlorobenzene, ug/l	1.0U	1.0U
2-Methylphenol (o-Cresol), ug/l	0.59U	0.59U
2,2'-Oxybis(1-Chloropropane) (bis-2-chloroisopropyl ether), ug/l	0.58U	0.58U
3-Methylphenol/4-Methylphenol (m&p-Cresol), ug/l	1.0U	1.0U
N-Nitroso-di-n-propylamine, ug/l	1.0U	1.0U
Hexachloroethane, ug/l	0.70U	0.70U
Nitrobenzene, ug/l	1.0U	1.0U
Isophorone, ug/l	1.0U	1.0U
2-Nitrophenol, ug/l	1.1U	1.1U
2,4-Dimethylphenol, ug/l	1.1U	1.1U
bis(2-Chloroethoxy)methane, ug/l	1.0U	1.0U
2,4-Dichlorophenol, ug/l	0.76U	0.76U
1,2,4-Trichlorobenzene, ug/l	0.51U	0.51U
4-Chloroaniline, ug/l	1.0U	1.0U
Hexachlorobutadiene, ug/l	0.50U	0.50U

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81974
Received: 21 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS10
Sampled By: Client
Code: 16123041

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81974-2	059EB00002	03-20-03/08:30	PENS10
81974-3	059FB00002	03-20-03/08:45	PENS10

PARAMETER	81974-2	81974-3
4-Chloro-3-methylphenol, ug/l	1.0U	1.0U
Hexachlorocyclopentadiene, ug/l	1.1U	1.1U
2,4,6-Trichlorophenol, ug/l	1.1U	1.1U
2,4,5-Trichlorophenol, ug/l	1.1U	1.1U
2-Chloronaphthalene, ug/l	1.0U	1.0U
2-Nitroaniline, ug/l	0.72U	0.72U
Dimethylphthalate, ug/l	0.57U	0.57U
3-Nitroaniline, ug/l	0.64U	0.64U
2,4-Dinitrophenol, ug/l	10U	10U
4-Nitrophenol, ug/l	5.0U	5.0U
Dibenzofuran, ug/l	1.0U	1.0U
2,4-Dinitrotoluene, ug/l	1.1U	1.1U
2,6-Dinitrotoluene, ug/l	0.87U	0.87U
Diethylphthalate, ug/l	1.0U	1.0U
4-Chlorophenylphenyl ether, ug/l	0.70U	0.70U
4-Nitroaniline, ug/l	0.86U	0.86U
4,6-Dinitro-2-methylphenol, ug/l	10U	10U
N-Nitrosodiphenylamine, ug/l	1.0U	1.0U
4-Bromophenylphenyl ether, ug/l	1.0U	1.0U
Hexachlorobenzene, ug/l	0.61U	0.61U
Pentachlorophenol, ug/l	2.0U	2.0U
Di-n-butylphthalate, ug/l	1.0U	1.0U

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81974
Received: 21 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS10
Sampled By: Client
Code: 16123041

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81974-2	059EB00002	03-20-03/08:30	PENS10
81974-3	059FB00002	03-20-03/08:45	PENS10

PARAMETER	81974-2	81974-3
Butylbenzylphthalate, ug/l	0.74U	0.74U
3,3'-Dichlorobenzidine, ug/l	1.0U	1.0U
bis(2-Ethylhexyl)phthalate, ug/l	2.4U	2.4U
Di-n-octylphthalate, ug/l	1.2U	1.2U
Carbazole, ug/l	0.54U	0.54U
Surrogate - Phenol-d5	74 %	85 %
Surrogate - 2-Fluorophenol	75 %	84 %
Surrogate - 2,4,6-Tribromophenol	85 %	99 %
Surrogate - Nitrobenzene-d5	75 %	81 %
Surrogate - 2-Fluorobiphenyl	86 %	90 %
Surrogate - Terphenyl-d14	78 %	88 %
Dilution Factor	1	1
Prep Date	03.25.03	03.25.03
Analysis Date	03.28.03	03.28.03
Batch ID	0325A	0325A
Initial Volume	900	960
Final Volume	1.00	1.00

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81974
Received: 21 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS10
Sampled By: Client
Code: 16123041

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81974-2	059EB00002	03-20-03/08:30	PENS10
81974-3	059FB00002	03-20-03/08:45	PENS10

PARAMETER	81974-2	81974-3
Low Level PAH (8270LL)		
Naphthalene, ug/l	0.028U	0.028U
Acenaphthylene, ug/l	0.024U	0.024U
Acenaphthene, ug/l	0.025U	0.025U
Fluorene, ug/l	0.026U	0.026U
Phenanthrene, ug/l	0.025U	0.025U
Anthracene, ug/l	0.031U	0.031U
Fluoranthene, ug/l	0.061U	0.061U
Pyrene, ug/l	0.042U	0.042U
Chrysene, ug/l	0.088U	0.088U
Benzo(a)anthracene, ug/l	0.070U	0.070U
Benzo(b)fluoranthene, ug/l	0.074U	0.074U
Benzo(k)fluoranthene, ug/l	0.058U	0.058U
Benzo(a)pyrene, ug/l	0.060U	0.060U
Indeno(1,2,3-cd)pyrene, ug/l	0.080U	0.080U
Dibenzo(a,h)anthracene, ug/l	0.065U	0.065U
Benzo(g,h,i)perylene, ug/l	0.096U	0.096U
2-Methylnaphthalene, ug/l	0.022U	0.022U
1-Methylnaphthalene, ug/l	0.028U	0.028U
Surrogate - o-Terphenyl	136 %	164 %
Dilution Factor	1	1
Prep Date	03.26.03	03.26.03
Analysis Date	03.28.03	03.28.03
Batch ID	0326D	0326D
Initial Volume	900	900
Final Volume	1.00	1.00

SEVERN TRENT STL
STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • www.stl-inc.com

LOG NO: S3-81974
Received: 21 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS10
Sampled By: Client
Code: 16123041

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81974-2	059EB00002	03-20-03/08:30	PENS10
81974-3	059FB00002	03-20-03/08:45	PENS10

PARAMETER	81974-2	81974-3
Volatiles by GC/MS (8260)		
Chloromethane, ug/l	0.40U	0.47J
Bromomethane (Methyl bromide), ug/l	0.49U	0.49U
Vinyl chloride, ug/l	0.13U	0.13U
Chloroethane, ug/l	0.86U	0.86U
Methylene chloride (Dichloromethane), ug/l	0.61U	0.61U
Acetone, ug/l	6.1J	3.9J
Carbon disulfide, ug/l	0.72U	0.72U
1,1-Dichloroethene, ug/l	0.31U	0.31U
1,1-Dichloroethane, ug/l	0.12U	0.12U
cis-1,2-Dichloroethene, ug/l	0.16U	0.16U
trans-1,2-Dichloroethene, ug/l	0.36U	0.36U
Chloroform, ug/l	0.14J	0.12U
1,2-Dichloroethane, ug/l	0.18U	0.18U
2-Butanone (MEK), ug/l	0.48U	0.48U
1,1,1-Trichloroethane, ug/l	0.065U	0.065U
Carbon tetrachloride, ug/l	0.15U	0.15U
Bromodichloromethane, ug/l	0.18U	0.18U
1,1,2,2-Tetrachloroethane, ug/l	0.17U	0.17U
1,2-Dichloropropane, ug/l	0.17U	0.17U
trans-1,3-Dichloropropene, ug/l	0.15U	0.15U
Trichloroethene, ug/l	0.13U	0.13U

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81974
Received: 21 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS10
Sampled By: Client
Code: 16123041

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81974-2	059EB00002	03-20-03/08:30	PENS10
81974-3	059FB00002	03-20-03/08:45	PENS10

PARAMETER	81974-2	81974-3
Dibromochloromethane, ug/l	0.078U	0.078U
1,1,2-Trichloroethane, ug/l	0.11U	0.11U
Benzene, ug/l	0.096U	0.096U
cis-1,3-Dichloropropene, ug/l	0.12U	0.12U
Bromoform, ug/l	0.19U	0.19U
2-Hexanone, ug/l	0.29U	0.29U
4-Methyl-2-pentanone (MIBK), ug/l	0.27U	0.27U
Tetrachloroethene, ug/l	0.43U	0.43U
Toluene, ug/l	0.065U	0.20J
Chlorobenzene, ug/l	0.10U	0.10U
Ethylbenzene, ug/l	0.11U	0.11U
Styrene, ug/l	0.050U	0.050U
Xylenes, Total, ug/l	0.28U	0.28U
Surrogate - Toluene-d8	86 %	92 %
Surrogate - 4-Bromofluorobenzene	80 %	90 %
Surrogate - Dibromofluoromethane	96 %	94 %
Dilution Factor	1	1
Prep Date	03.29.03	03.29.03
Analysis Date	03.29.03	03.29.03
Batch ID	1P0329	1P0329
Initial Volume	5.00	5.00
Final Volume	5.00	5.00

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81974
Received: 21 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS10
Sampled By: Client
Code: 16123041

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81974-2	059EB00002	03-20-03/08:30	PENS10
81974-3	059FB00002	03-20-03/08:45	PENS10

PARAMETER	81974-2	81974-3
TAL Metals (6010)		
Aluminum, ug/l	11U	11U
Antimony, ug/l	3.8U	3.8U
Arsenic, ug/l	3.9U	3.9U
Barium, ug/l	0.50U	0.50U
Beryllium, ug/l	0.10U	0.10U
Cadmium, ug/l	0.40U	0.40U
Calcium, ug/l	14B	11B
Chromium, ug/l	0.90U	0.90U
Cobalt, ug/l	0.70U	0.70U
Copper, ug/l	1.1B	1.2B
Iron, ug/l	16U	16U
Lead, ug/l	1.9U	1.9U
Magnesium, ug/l	7.4U	7.4U
Manganese, ug/l	0.50U	0.50U
Nickel, ug/l	1.2U	1.2U
Potassium, ug/l	17U	17U
Selenium, ug/l	4.3U	4.3U
Silver, ug/l	1.0U	1.0U
Sodium, ug/l	170U	170U
Thallium, ug/l	6.6U	6.6U
Vanadium, ug/l	1.0U	1.0U

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81974
Received: 21 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS10
Sampled By: Client
Code: 16123041

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81974-2	059EB00002	03-20-03/08:30	PENS10
81974-3	059FB00002	03-20-03/08:45	PENS10

PARAMETER	81974-2	81974-3
Zinc, ug/l	2.1B	3.9B
Dilution Factor	1	1
Prep Date	03.25.03	03.25.03
Analysis Date	03.26.03	03.26.03
Batch ID	0325G	0325G
Initial Volume	50	50
Final Volume	50	50
Mercury (7470)		
Mercury, ug/l	0.10U	0.10U
Dilution Factor	1	1
Prep Date	03.26.03	03.26.03
Analysis Date	03.27.03	03.27.03
Batch ID	0326R	0326R
Initial Volume	50	50
Final Volume	50	50

SEVERN TRENT STL
STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81974
Received: 21 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS10
Sampled By: Client
Code: 16123041

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81974-2	059EB00002	03-20-03/08:30	PENS10
81974-3	059FB00002	03-20-03/08:45	PENS10

PARAMETER	81974-2	81974-3
TCL Pesticides (8081)		
alpha-BHC, ug/l	0.0035U	0.0035U
beta-BHC, ug/l	0.0035U	0.0035U
delta-BHC, ug/l	0.0090U	0.0090U
gamma-BHC (Lindane), ug/l	0.0030U	0.0030U
Heptachlor, ug/l	0.014U	0.014U
Aldrin, ug/l	0.0086U	0.0086U
Heptachlor epoxide, ug/l	0.0026U	0.0026U
Endosulfan I, ug/l	0.0099U	0.0099U
Dieldrin, ug/l	0.0060U	0.0060U
4,4'-DDE, ug/l	0.010U	0.010U
Endrin, ug/l	0.0097U	0.0097U
Endrin aldehyde, ug/l	0.014U	0.014U
Endosulfan II, ug/l	0.0084U	0.0084U
4,4'-DDD, ug/l	0.016U	0.016U
Endosulfan sulfate, ug/l	0.0085U	0.0085U
4,4'-DDT, ug/l	0.014U	0.014U
Endrin ketone, ug/l	0.0072U	0.0072U
Methoxychlor, ug/l	0.0070U	0.0070U
alpha-Chlordane, ug/l	0.0084U	0.0084U
gamma-Chlordane, ug/l	0.0070U	0.0070U
Toxaphene, ug/l	0.77U	0.77U

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81974
Received: 21 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS10
Sampled By: Client
Code: 16123041

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81974-2	059EB00002	03-20-03/08:30	PENS10
81974-3	059FB00002	03-20-03/08:45	PENS10

PARAMETER	81974-2	81974-3
Surrogate - DCB	24 %	58 %
Surrogate - 2,4,5,6-Tetrachloro-m-xylene (TCMX)	77 %	55 %
Dilution Factor	1	1
Prep Date	03.24.03	03.24.03
Analysis Date	03.27.03	03.27.03
Batch ID	0324N	0324N
Initial Volume	880	950
Final Volume	10.0	10.0
PCB's (8082)		
Aroclor-1016, ug/l	0.11U	0.11U
Aroclor-1221, ug/l	0.50U	0.50U
Aroclor-1232, ug/l	0.18U	0.18U
Aroclor-1242, ug/l	0.14U	0.14U
Aroclor-1248, ug/l	0.11U	0.11U
Aroclor-1254, ug/l	0.20U	0.20U
Aroclor-1260, ug/l	0.11U	0.11U
Surrogate - TCX	77 %	55 %
Surrogate - DCB	24 %	58 %
Dilution Factor	1	1
Prep Date	03.24.03	03.24.03
Analysis Date	03.27.03	03.27.03
Batch ID	0324N	0324N
Initial Volume	880	950
Final Volume	10.0	10.0

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81974
Received: 21 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS10
Sampled By: Client
Code: 16123041

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81974-4	Method Detection Limit (MDL)		PENS10
81974-5	Reporting Limit (RL)		PENS10
81974-6	Method Blank		PENS10
81974-7	Lab Control Standard % Recovery		PENS10

PARAMETER	81974-4	81974-5	81974-6	81974-7
Volatiles by GC/MS (8260)				
Chloromethane, ug/l	0.40	1.0	0.40U	---
Bromomethane (Methyl bromide), ug/l	0.49	1.0	0.49U	---
Vinyl chloride, ug/l	0.13	1.0	0.13U	---
Chloroethane, ug/l	0.86	1.0	0.86U	---
Methylene chloride (Dichloromethane), ug/l	0.61	5.0	0.61U	---
Acetone, ug/l	2.3	25	2.3U	---
Carbon disulfide, ug/l	0.72	1.0	0.72U	---
1,1-Dichloroethene, ug/l	0.31	1.0	0.31U	88 %
1,1-Dichloroethane, ug/l	0.12	1.0	0.12U	---
cis-1,2-Dichloroethene, ug/l	0.16	1.0	0.16U	---
trans-1,2-Dichloroethene, ug/l	0.36	1.0	0.36U	---
Chloroform, ug/l	0.12	1.0	0.12U	---
1,2-Dichloroethane, ug/l	0.18	1.0	0.18U	---
2-Butanone (MEK), ug/l	0.48	10	0.48U	---
1,1,1-Trichloroethane, ug/l	0.065	1.0	0.065U	---
Carbon tetrachloride, ug/l	0.15	1.0	0.15U	---
Bromodichloromethane, ug/l	0.18	1.0	0.18U	---
1,1,2,2-Tetrachloroethane, ug/l	0.17	1.0	0.17U	---
1,2-Dichloropropane, ug/l	0.17	1.0	0.17U	---

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81974
Received: 21 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS10
Sampled By: Client
Code: 16123041

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81974-4	Method Detection Limit (MDL)		PENS10
81974-5	Reporting Limit (RL)		PENS10
81974-6	Method Blank		PENS10
81974-7	Lab Control Standard % Recovery		PENS10

PARAMETER	81974-4	81974-5	81974-6	81974-7
trans-1,3-Dichloropropene, ug/l	0.15	1.0	0.15U	---
Trichloroethene, ug/l	0.13	1.0	0.15J	78 %
Dibromochloromethane, ug/l	0.078	1.0	0.078U	---
1,1,2-Trichloroethane, ug/l	0.11	1.0	0.11U	---
Benzene, ug/l	0.096	1.0	0.21J	88 %
cis-1,3-Dichloropropene, ug/l	0.12	1.0	0.12U	---
Bromoform, ug/l	0.19	1.0	0.19U	---
2-Hexanone, ug/l	0.29	10	0.29U	---
4-Methyl-2-pentanone (MIBK), ug/l	0.27	10	0.27U	---
Tetrachloroethene, ug/l	0.43	1.0	0.43U	---
Toluene, ug/l	0.065	1.0	0.065U	94 %
Chlorobenzene, ug/l	0.10	1.0	0.10U	96 %
Ethylbenzene, ug/l	0.11	1.0	0.11U	---
Styrene, ug/l	0.050	1.0	0.050U	---
Xylenes, Total, ug/l	0.28	2.0	0.28U	---
Surrogate - Toluene-d8	NA	NA	94 %	92 %
Surrogate - 4-Bromofluorobenzene	NA	NA	90 %	94 %
Surrogate - Dibromofluoromethane	NA	NA	94 %	92 %
Dilution Factor	---	---	1	1
Prep Date	---	---	03.29.03	03.29.03
Analysis Date	---	---	03.29.03	03.29.03
Batch ID	---	---	1P0329	1P0329
Initial Volume	---	---	5.00	---
Final Volume	---	---	5.00	---

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81974
Received: 21 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS10
Sampled By: Client
Code: 16123041

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81974-4	Method Detection Limit (MDL)		PENS10
81974-5	Reporting Limit (RL)		PENS10
81974-6	Method Blank		PENS10
81974-7	Lab Control Standard % Recovery		PENS10

PARAMETER	81974-4	81974-5	81974-6	81974-7
TCL Semivolatiles (8270)				
Phenol, ug/l	1.0	10	1.0U	64 %
bis(2-Chloroethyl)ether, ug/l	1.0	10	1.0U	---
2-Chlorophenol, ug/l	0.79	10	0.79U	70 %
1,3-Dichlorobenzene, ug/l	1.0	10	1.0U	---
1,4-Dichlorobenzene, ug/l	1.0	10	1.0U	61 %
1,2-Dichlorobenzene, ug/l	1.0	10	1.0U	---
2-Methylphenol (o-Cresol), ug/l	0.59	10	0.59U	---
2,2'-Oxybis(1-Chloropropane) (bis-2-chloroisopropyl ether), ug/l	0.58	10	0.58U	---
3-Methylphenol/4-Methylphenol (m&p-Cresol), ug/l	1.0	10	1.0U	---
N-Nitroso-di-n-propylamine, ug/l	1.0	10	1.0U	66 %
Hexachloroethane, ug/l	0.70	10	0.70U	---
Nitrobenzene, ug/l	1.0	10	1.0U	---
Isophorone, ug/l	1.0	10	1.0U	---
2-Nitrophenol, ug/l	1.1	10	1.1U	---
2,4-Dimethylphenol, ug/l	1.1	10	1.1U	---
bis(2-Chloroethoxy)methane, ug/l	1.0	10	1.0U	---
2,4-Dichlorophenol, ug/l	0.76	10	0.76U	---

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81974
Received: 21 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS10
Sampled By: Client
Code: 16123041

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81974-4	Method Detection Limit (MDL)		PENS10
81974-5	Reporting Limit (RL)		PENS10
81974-6	Method Blank		PENS10
81974-7	Lab Control Standard % Recovery		PENS10

PARAMETER	81974-4	81974-5	81974-6	81974-7
1,2,4-Trichlorobenzene, ug/l	0.51	10	0.51U	68 %
4-Chloroaniline, ug/l	1.0	20	1.0U	---
Hexachlorobutadiene, ug/l	0.50	10	0.50U	---
4-Chloro-3-methylphenol, ug/l	1.0	10	1.0U	78 %
Hexachlorocyclopentadiene, ug/l	1.1	10	1.1U	---
2,4,6-Trichlorophenol, ug/l	1.1	10	1.1U	---
2,4,5-Trichlorophenol, ug/l	1.1	10	1.1U	---
2-Chloronaphthalene, ug/l	1.0	10	1.0U	---
2-Nitroaniline, ug/l	0.72	50	0.72U	---
Dimethylphthalate, ug/l	0.57	10	0.57U	---
3-Nitroaniline, ug/l	0.64	50	0.64U	---
2,4-Dinitrophenol, ug/l	10	50	10U	---
4-Nitrophenol, ug/l	5.0	50	5.0U	77 %
Dibenzofuran, ug/l	1.0	10	1.0U	---
2,4-Dinitrotoluene, ug/l	1.1	10	1.1U	88 %
2,6-Dinitrotoluene, ug/l	0.87	10	0.87U	---
Diethylphthalate, ug/l	1.0	10	1.0U	---
4-Chlorophenylphenyl ether, ug/l	0.70	10	0.70U	---
4-Nitroaniline, ug/l	0.86	50	0.86U	---
4,6-Dinitro-2-methylphenol, ug/l	10	50	10U	---

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81974
Received: 21 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS10
Sampled By: Client
Code: 16123041

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81974-4	Method Detection Limit (MDL)		PENS10
81974-5	Reporting Limit (RL)		PENS10
81974-6	Method Blank		PENS10
81974-7	Lab Control Standard % Recovery		PENS10

PARAMETER	81974-4	81974-5	81974-6	81974-7
N-Nitrosodiphenylamine, ug/l	1.0	10	1.0U	---
4-Bromophenylphenyl ether, ug/l	1.0	10	1.0U	---
Hexachlorobenzene, ug/l	0.61	10	0.61U	---
Pentachlorophenol, ug/l	2.0	50	2.0U	86 %
Di-n-butylphthalate, ug/l	1.0	10	1.0U	---
Butylbenzylphthalate, ug/l	0.74	10	0.74U	---
3,3'-Dichlorobenzidine, ug/l	1.0	20	1.0U	---
bis(2-Ethylhexyl)phthalate, ug/l	2.4	10	2.4U	---
Di-n-octylphthalate, ug/l	1.2	10	1.2U	---
Carbazole, ug/l	0.54	10	0.54U	---
Surrogate - Phenol-d5	NA	NA	67 %	73 %
Surrogate - 2-Fluorophenol	NA	NA	66 %	72 %
Surrogate - 2,4,6-Tribromophenol	NA	NA	76 %	96 %
Surrogate - Nitrobenzene-d5	NA	NA	64 %	72 %
Surrogate - 2-Fluorobiphenyl	NA	NA	74 %	82 %
Surrogate - Terphenyl-d14	NA	NA	78 %	76 %
Dilution Factor	---	---	1	1
Prep Date	---	---	03.25.03	03.25.03
Analysis Date	---	---	03.28.03	03.28.03
Batch ID	---	---	0325A	0325A
Initial Volume	---	---	1000	---
Final Volume	---	---	1.00	---

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81974
Received: 21 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS10
Sampled By: Client
Code: 16123041

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81974-4	Method Detection Limit (MDL)		PENS10
81974-5	Reporting Limit (RL)		PENS10
81974-6	Method Blank		PENS10
81974-7	Lab Control Standard % Recovery		PENS10

PARAMETER	81974-4	81974-5	81974-6	81974-7
Low Level PAH (8270LL)				
Naphthalene, ug/l	0.028	0.20	0.028U	70 %
Acenaphthylene, ug/l	0.024	0.20	0.024U	---
Acenaphthene, ug/l	0.025	0.20	0.025U	75 %
Fluorene, ug/l	0.026	0.20	0.026U	75 %
Phenanthrene, ug/l	0.025	0.20	0.025U	---
Anthracene, ug/l	0.031	0.20	0.031U	---
Fluoranthene, ug/l	0.061	0.20	0.061U	---
Pyrene, ug/l	0.042	0.20	0.042U	100 %
Chrysene, ug/l	0.088	0.20	0.088U	---
Benzo(a)anthracene, ug/l	0.070	0.20	0.070U	---
Benzo(b)fluoranthene, ug/l	0.074	0.20	0.074U	---
Benzo(k)fluoranthene, ug/l	0.058	0.20	0.058U	---
Benzo(a)pyrene, ug/l	0.060	0.20	0.060U	80 %
Indeno(1,2,3-cd)pyrene, ug/l	0.080	0.20	0.080U	---
Dibenzo(a,h)anthracene, ug/l	0.065	0.20	0.065U	---
Benzo(g,h,i)perylene, ug/l	0.096	0.20	0.096U	---
2-Methylnaphthalene, ug/l	0.022	0.20	0.022U	---
1-Methylnaphthalene, ug/l	0.028	0.20	0.028U	---
Surrogate - o-Terphenyl	NA	---	130 %	120 %

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81974
Received: 21 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS10
Sampled By: Client
Code: 16123041

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81974-4	Method Detection Limit (MDL)		PENS10
81974-5	Reporting Limit (RL)		PENS10
81974-6	Method Blank		PENS10
81974-7	Lab Control Standard % Recovery		PENS10

PARAMETER	81974-4	81974-5	81974-6	81974-7
Dilution Factor	---	---	1	1
Prep Date	---	---	03.26.03	03.26.03
Analysis Date	---	---	03.28.03	03.28.03
Batch ID	---	---	0326D	0326D
Initial Volume	---	---	1000	---
Final Volume	---	---	1.00	---

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81974
Received: 21 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS10
Sampled By: Client
Code: 16123041

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81974-4	Method Detection Limit (MDL)		PENS10
81974-5	Reporting Limit (RL)		PENS10
81974-6	Method Blank		PENS10
81974-7	Lab Control Standard % Recovery		PENS10

PARAMETER	81974-4	81974-5	81974-6	81974-7
TCL Pesticides (8081)				
alpha-BHC, ug/l	0.0035	0.050	0.0035U	---
beta-BHC, ug/l	0.0035	0.050	0.0035U	---
delta-BHC, ug/l	0.0090	0.050	0.0090U	---
gamma-BHC (Lindane), ug/l	0.0030	0.050	0.0030U	75 %
Heptachlor, ug/l	0.014	0.050	0.014U	65 %
Aldrin, ug/l	0.0086	0.050	0.0086U	65 %
Heptachlor epoxide, ug/l	0.0026	0.050	0.0026U	---
Endosulfan I, ug/l	0.0099	0.050	0.0099U	---
Dieldrin, ug/l	0.0060	0.10	0.0060U	80 %
4,4'-DDE, ug/l	0.010	0.10	0.010U	---
Endrin, ug/l	0.0097	0.10	0.0097U	88 %
Endrin aldehyde, ug/l	0.014	0.10	0.014U	---
Endosulfan II, ug/l	0.0084	0.10	0.0084U	---
4,4'-DDD, ug/l	0.016	0.10	0.016U	---
Endosulfan sulfate, ug/l	0.0085	0.10	0.0085U	---
4,4'-DDT, ug/l	0.014	0.10	0.014U	88 %
Endrin ketone, ug/l	0.0072	0.10	0.0072U	---
Methoxychlor, ug/l	0.0070	0.50	0.0070U	---
alpha-Chlordane, ug/l	0.0084	0.050	0.0084U	---

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81974
Received: 21 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS10
Sampled By: Client
Code: 16123041

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81974-4	Method Detection Limit (MDL)		PENS10
81974-5	Reporting Limit (RL)		PENS10
81974-6	Method Blank		PENS10
81974-7	Lab Control Standard % Recovery		PENS10

PARAMETER	81974-4	81974-5	81974-6	81974-7
gamma-Chlordane, ug/l	0.0070	0.050	0.0070U	---
Toxaphene, ug/l	0.77	5.0	0.77U	---
Surrogate - DCB	NA	NA	42 %	74 %
Surrogate - 2,4,5,6-Tetrachloro-m-xylene (TCMX)	NA	NA	68 %	82 %
Dilution Factor	---	---	1	1
Prep Date	---	---	03.24.03	03.24.03
Analysis Date	---	---	03.27.03	03.27.03
Batch ID	---	---	0324N	0324N
Initial Volume	---	---	1000	---
Final Volume	---	---	10.0	---

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81974
Received: 21 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS10
Sampled By: Client
Code: 16123041

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81974-4	Method Detection Limit (MDL)		PENS10
81974-5	Reporting Limit (RL)		PENS10
81974-6	Method Blank		PENS10
81974-7	Lab Control Standard % Recovery		PENS10

PARAMETER	81974-4	81974-5	81974-6	81974-7
PCB's (8082)				
Aroclor-1016, ug/l	0.11	1.0	0.11U	72 %
Aroclor-1221, ug/l	0.50	2.0	0.50U	---
Aroclor-1232, ug/l	0.18	1.0	0.18U	---
Aroclor-1242, ug/l	0.14	1.0	0.14U	---
Aroclor-1248, ug/l	0.11	1.0	0.11U	---
Aroclor-1254, ug/l	0.20	1.0	0.20U	---
Aroclor-1260, ug/l	0.11	1.0	0.11U	85 %
Surrogate - TCX	---	---	68 %	80 %
Surrogate - DCB			42 %	66 %
Dilution Factor	---	---	1	1
Prep Date	---	---	03.24.03	03.24.03
Analysis Date	---	---	03.27.03	03.27.03
Batch ID	---	---	0324N	0324N
Initial Volume	---	---	1000	---
Final Volume	---	---	10.0	---

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • *www.stl-inc.com*

LOG NO: S3-81974
Received: 21 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS10
Sampled By: Client
Code: 16123041

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81974-8	Instrument Detection Limit (IDL)		PENS10
81974-9	Reporting Limit (RL)		PENS10
81974-10	Method Blank		PENS10
81974-11	Lab Control Standard % Recovery		PENS10

PARAMETER	81974-8	81974-9	81974-10	81974-11
TAL Metals (6010)				
·Aluminum, ug/l	11	200	17B	105 %
Antimony, ug/l	3.8	20	3.8U	106 %
Arsenic, ug/l	3.9	10	3.9U	103 %
Barium, ug/l	0.50	10	0.50U	107 %
Beryllium, ug/l	0.10	4.0	0.10U	104 %
Cadmium, ug/l	0.40	5.0	0.40U	103 %
Calcium, ug/l	6.4	500	10B	108 %
Chromium, ug/l	0.90	10	1.0B	107 %
Cobalt, ug/l	0.70	10	0.70U	106 %
Copper, ug/l	0.80	20	1.1B	107 %
Iron, ug/l	16	50	16U	106 %
Lead, ug/l	1.9	5.0	1.9U	105 %
Magnesium, ug/l	7.4	500	7.4U	106 %
Manganese, ug/l	0.50	10	0.50U	108 %
Nickel, ug/l	1.2	40	1.2U	104 %
Potassium, ug/l	17	1000	17U	110 %
Selenium, ug/l	4.3	10	4.3U	103 %
Silver, ug/l	1.0	10	1.3B	108 %
Sodium, ug/l	170	500	170U	105 %

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • www.stl-inc.com

LOG NO: S3-81974
Received: 21 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS10
Sampled By: Client
Code: 16123041

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81974-8	Instrument Detection Limit (IDL)		PENS10
81974-9	Reporting Limit (RL)		PENS10
81974-10	Method Blank		PENS10
81974-11	Lab Control Standard % Recovery		PENS10

PARAMETER	81974-8	81974-9	81974-10	81974-11
Thallium, ug/l	6.6	10	6.6U	106 %
Vanadium, ug/l	1.0	10	1.0U	105 %
Zinc, ug/l	1.8	20	1.8U	106 %
Dilution Factor	---	---	1	1
Prep Date	---	---	03.25.03	03.25.03
Analysis Date	---	---	03.26.03	03.26.03
Batch ID	---	---	0325G	0325G
Initial Volume	---	---	50	50
Final Volume	---	---	50	50
Mercury (7470)				
Mercury, ug/l	0.10	0.20	0.10U	100 %
Dilution Factor	---	---	1	1
Prep Date	---	---	03.26.03	03.26.03
Analysis Date	---	---	03.27.03	03.27.03
Batch ID	---	---	0326R	0326R
Initial Volume	---	---	50	---
Final Volume	---	---	50	---

SEVERN TRENT STL

STL Savannah • 5102 LaRoche Avenue • Savannah, GA 31404 • Tel 912 354 7858 • Fax 912 351 3673 • www.stl-inc.com

LOG NO: S3-81974
Received: 21 MAR 03
Reported: 31 MAR 03

Mr. Brian Caldwell
Ensafe, Inc.
162D Market Place Blvd.
Knoxville, TN 37922

Client PO. No.: 5570
Cl Project No: 0059-001-08-600-00

Project: OU2 Resampling/PENS10
Sampled By: Client
Code: 16123041

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR LIQUID SAMPLES	DATE/ TIME SAMPLED	SDG#
81974-8	Instrument Detection Limit (IDL)		PENS10
81974-9	Reporting Limit (RL)		PENS10
81974-10	Method Blank		PENS10
81974-11	Lab Control Standard % Recovery		PENS10

PARAMETER	81974-8	81974-9	81974-10	81974-11

These test results meet all the requirements of NELAC. All questions regarding this test report should be directed to the STL Project Manager who signed this test report.
SW-846, Test Methods for Evaluating Solid Waste, Third Edition, September 1986, and Updates I, II, IIA, IIB, and III.

U = Indicates compound was analyzed for but not detected.

J = The flag "J" indicates the presence of a compound that meets the identification criteria, but the result is less than the sample RL and greater than the MDL.
B (Inorganic) = This flag indicates the reported value was obtained from a reading that was less than the Project Reporting Limits but greater than or equal to the Method Detection Limit (MDL).

Linda A Wolfe

Linda A. Wolfe, Project Manager

Final Page Of Report

FedEx: 812362680885

Serial Number 03009

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

SEVERN TRENT **STL**

⊗ STL Savannah
5102 LaRoche Avenue
Savannah, GA 31404

Website: www.stl-inc.com
Phone: (912) 354-7858
Fax: (912) 352-0165

○ Alternate Laboratory Name/Location

Phone:
Fax:

PROJECT REFERENCE	PROJECT NO.	PROJECT LOCATION (STATE)
NASP-042		FL
STL (LAB) PROJECT MANAGER	P.O. NUMBER	CONTRACT NO.
Linda Wolfe		
CLIENT (SITE) PM	CLIENT PHONE	CLIENT FAX
Allison Harris	901/372-7962	901/372-2454
CLIENT NAME	CLIENT E-MAIL	
EnSafe		
CLIENT ADDRESS		
5724 Summer Trees Dr Memphis, TN 38134		
COMPANY CONTRACTING THIS WORK (if applicable)		

PAGE 1 OF 1

STANDARD REPORT DELIVERY ⊗
DATE DUE _____
EXPEDITED REPORT DELIVERY (SURCHARGE) ○
DATE DUE _____
NUMBER OF COOLERS SUBMITTED PER SHIPMENT:

SAMPLE DATE	SAMPLE TIME	SAMPLE IDENTIFICATION	MATRIX: COMPOSITE (C) OR GRAB (G) INDICATE	MATRIX: AQUEOUS (WATER)	MATRIX: SOLID OR SEMISOLID	MATRIX: AIR	MATRIX: NONAQUEOUS LIQUID (OIL, SOLVENT,...)	REQUIRED ANALYSIS: VOCs (HCl)	Metals (HNO3)	SVOC/PAH (None)	PCB/Pest (None)	REMARKS
3/20/03	0800	059T032003		X				X				
↓	0830	059EB00002		X				X	X	X	X	
↓	0845	059FB00002		X				X	X	X	X	

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
Amy Liddell	3/20/03	0900						
RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT YES ○ NO ○	CUSTODY SEAL NO.	STL SAVANNAH LOG NO.	LABORATORY REMARKS
[signature]	3/21/03	9:34			S381974	

STL8240-680 (12/02)