

**PS-4-1'** ● -Sample ID, Approximate Depth & Sample Location

--- -Approximate Excavation Area

Approx. 55,000cy

*Sample Map*  
3/23/15  
PS-1 - PS-4

## Fremont, Washington Hospital

Image by: Google Earth

Map by: Bryan Brasesco

**Pacific States**  
ENVIRONMENTAL CONTRACTORS, INC.

# Soil Sample Data Summary

4/22/2015

Project Location / Name			Fremont, Washington Hospital																					
Sample Date			3/23/2015																					
Sample ID/Location			PS-1-2'		PS-1-5'		PS-1-10'		PS-2-1'		PS-2-8'		PS-2-12'		PS-3-2'		PS-3-8'		PS-3-15'		PS-4-2'		PS-4-6'	
	Tier 1 2013 ESL	Landfill STLC Triggers	Value	RL	Value	RL	Value	RL	Value	RL	Value	RL	Value	RL	Value	RL	Value	RL	Value	RL	Value	RL	Value	RL
	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
<b>SVOC's (8270C)</b>	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
Acenaphthene	16000	--	ND	5			ND	4.9	ND	4.9	ND	5			ND	5			ND	5	ND	4.9	ND	4.9
Acenaphthylene	13000	--	ND	5			ND	4.9	ND	4.9	ND	5			12	5			ND	5	ND	4.9	ND	4.9
Anthracene	2800	--	ND	5			ND	4.9	ND	4.9	ND	5			7.2	5			ND	5	ND	4.9	7.3	4.9
Benzo[a]anthracene	380	--	ND	5			ND	4.9	ND	4.9	ND	5			21	5			ND	5	ND	4.9	72	4.9
Benzo[a]pyrene	38	--	ND	5			ND	4.9	ND	4.9	ND	5			24	5			ND	5	ND	4.9	100	4.9
Benzo[b]fluoranthene	380	--	ND	5			ND	4.9	ND	4.9	ND	5			31	5			ND	5	6	4.9	140	4.9
Benzo[g,h,i]perylene	27000	--	ND	5			ND	4.9	ND	4.9	ND	5			16	5			ND	5	ND	4.9	110	4.9
Benzo[k]fluoranthene	380	--	ND	5			ND	4.9	ND	4.9	ND	5			11	5			ND	5	ND	4.9	56	4.9
Chrysene	3800	--	ND	5			ND	4.9	ND	4.9	ND	5			38	5			ND	5	ND	4.9	95	4.9
Dibenz(a,h)anthracene	110	--	ND	5			ND	4.9	ND	4.9	ND	5			ND	5			ND	5	ND	4.9	28	4.9
Fluoranthene	40000	--	ND	5			ND	4.9	ND	4.9	ND	5			47	5			ND	5	ND	4.9	97	4.9
Fluorene	8900	--	ND	5			ND	4.9	ND	4.9	ND	5			ND	5			ND	5	ND	4.9	ND	4.9
Indeno[1,2,3-cd]pyrene	380	--	ND	5			ND	4.9	ND	4.9	ND	5			12	5			ND	5	ND	4.9	93	4.9
Naphthalene	1200	--	ND	9.1			ND	9.9	ND	10	ND	9.2			ND	9.7			ND	9.6	ND	9.6	ND	10
Phenanthrene	11000	--	ND	5			ND	4.9	ND	4.9	ND	5			32	5			ND	5	ND	4.9	36	4.9
Pyrene	85000	--	ND	5			ND	4.9	ND	4.9	ND	5			86	5			ND	5	ND	4.9	110	4.9
	--	--																						
<b>VOC's (8260B)</b>	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
VOC Total Remaining	--	--																						
Acetone	500	500	ND	46			ND	49	ND	50	ND	46			ND	48			ND	48	ND	48	ND	50
Chlorobenzene	1500	1500	ND	4.6			ND	4.9	ND	5	ND	4.6			ND	4.8			ND	4.8	ND	4.8	ND	5
Chloroethane	1100	850	ND	9.1			ND	9.9	ND	10	ND	9.2			ND	9.7			ND	9.6	ND	9.6	ND	10
Chloromethane	20000	6400	ND	9.1			ND	9.9	ND	10	ND	9.2			ND	9.7			ND	9.6	ND	9.6	ND	10
Dibromoethane, 1,2-	0.33	0.33																						
1,2-Dichlorobenzene	1100	1100	ND	4.6			ND	4.9	ND	5	ND	4.6			ND	4.8			ND	4.8	ND	4.8	ND	5
1,4-Dichlorobenzene	590	590	ND	4.6			ND	4.9	ND	5	ND	4.6			ND	4.8			ND	4.8	ND	4.8	ND	5
1,1-Dichloroethane	200	200	ND	4.6			ND	4.9	ND	5	ND	4.6			ND	4.8			ND	4.8	ND	4.8	ND	5
cis-1,2-Dichloroethene	190	190	ND	4.6			ND	4.9	ND	5	ND	4.6			ND	4.8			ND	4.8	ND	4.8	ND	5
trans-1,2-Dichloroethene	670	670	ND	4.6			ND	4.9	ND	5	ND	4.6			ND	4.8			ND	4.8	ND	4.8	ND	5
Ethylbenzene	3300	3300	ND	4.6			ND	4.9	ND	5	ND	4.6			ND	4.8			ND	4.8	ND	4.8	ND	5
Methylene Chloride	77	77	ND	9.1			ND	9.9	ND	10	ND	9.2			ND	9.7			ND	9.6	ND	9.6	ND	10
Methyl ethyl ketone	4500	3900																						
Methyl tert-butyl ether	23	23	ND	4.6			ND	4.9	ND	5	ND	4.6			ND	4.8			ND	4.8	ND	4.8	ND	5
1,1,1,2-Tetrachloroethane	9.1	24	ND	4.6			ND	4.9	ND	5	ND	4.6			ND	4.8			ND	4.8	ND	4.8	ND	5
1,1,2,2-Tetrachloroethane	18	18	ND	4.6			ND	4.9	ND	5	ND	4.6			ND	4.8			ND	4.8	ND	4.8	ND	5
Tetrachloroethene	550	700	ND	4.6			ND	4.9	ND	5	ND	4.6			ND	4.8			ND	4.8	ND	4.8	ND	5
Trichloroethene	460	460	ND	4.6			ND	4.9	ND	5	ND	4.6			ND	4.8			ND	4.8	ND	4.8	ND	5
Vinyl chloride	32	85	ND	4.6			ND	4.9	ND	5	ND	4.6			ND	4.8			ND	4.8	ND	4.8	ND	5
Xylenes, Total	2300	2300	ND	9.1			ND	9.9	ND	10	ND	9.2			ND	9.7			ND	9.6	ND	9.6	ND	10
	--	--																						
<b>PCB's (8082)</b>	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
PCB-1016	220	50000	ND	49			ND	49	ND	50	ND	49			ND	49			ND	49	ND	48	ND	48
PCB-1221	220	50000	ND	49			ND	49	ND	50	ND	49			ND	49			ND	49	ND	48	ND	48
PCB-1232	220	50000	ND	49			ND	49	ND	50	ND	49			ND	49			ND	49	ND	48	ND	48
PCB-1242	220	50000	ND	49			ND	49	ND	50	ND	49			ND	49			ND	49	ND	48	ND	48
PCB-1248	220	50000	ND	49			ND	49	ND	50	ND	49			ND	49			ND	49	ND	48	ND	48
PCB-1254	220	50000	ND	49			ND	49	ND	50	ND	49			ND	49			ND	49	ND	48	ND	48
PCB-1260	220	50000	ND	49			ND	49	ND	50	ND	49			ND	49			ND	49	ND	48	ND	48
<b>Asbestos (TEM)</b>	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
Asbestos %	--	1			ND	0.25	ND	0.25					ND	0.25	ND	0.25	ND	0.25			ND	0.25		

**Berlogar Stevens & Associates**

**ASTM Laboratory Tests Summary Sheets**

<b>Project Name:</b> 613102 Washington Hospital	<b>Project Number:</b> 2046.800
Client: Pacific States Environmental	Date Reported: 04/10/15
Attention: Bryan Evans	Date Received: 03/25/15
<b>Sample ID:</b> PS1-10ft	Invoice Number: 14177-14206
Material Description: CL-ML Silty Clay with Sand Brown	Reported By: G Suckow

**Sieve Analysis ASTM C136 CTM 202**

**Resistance Value (R-Value) ASTM D2844 CTM 301**

Sieve Size		Percent Passing	Specifications				
US	mm			A	B	C	D
3"	75.0			Exudation Pressure, psi:			
2-1/2"	63.5			Corrected R-Value:			
2"	50.0			Moisture Content at Test, %:			
1-1/2"	37.5			Dry Density, pcf:			
1"	25.0			Expansion Pressure, psf:			
3/4"	19.0			<b>R-Value at 300 psi:</b>		<b>Specification:</b>	
1/2"	12.5			Expansion Pressure at 300 psi:		psf	
3/8"	9.5			<b>Plasticity Index ASTM D4318</b>			
1/4"	6.3			Liquid Limit:	23	Specification	
#4	4.75			Plastic Limit:	16	Specification	
#8	2.36			<b>Plasticity Index:</b>	7	Specification	
#10	2.00			<b>-40 Soil Classification:</b>	CL-ML Silty Clay		
#16	1.18			<b>Coarse and Fine Aggregate Quality Tests</b>			
#30	0.600					Specifications	
#40	0.425			Cleanliness Value, CTM 227:			
#50	0.300			Sand Equivalency, ASTM D2419:			
#100	0.150			Coarse Durability Index, ASTM3744:			
#200	0.075			Fine Durability Index, ASTM3744:			
<b>Dry Density Moisture Content Relationship</b>				Sodium Soundness ASTM C88, % Loss:			
				LA Abrasion ASTM C131 500 Revs. % Loss:			
Test Method	Optimum Moisture Content, %:	Maximum Dry Density, Pcf:	LA Abrasion ASTM C131 100 Revs. % Loss:				
			LA Abrasion ASTM C131 Grading Used:				
D-1557B			ASTM D-4829 Expansion Index(EI) <sub>50%</sub> :		3		
				Expansion Potential:	Very Low		
<b>Relative Compaction of Untreated Soils CTM 216</b>							
Moisture Content, %	Maximum Wet Density, g/cc:						

Comments:

**Berlogar Stevens & Associates**

**ASTM Laboratory Tests Summary Sheets**

<b>Project Name:</b> 613102 Washington Hospital	<b>Project Number:</b> 2046.800
Client: Pacific States Environmental	Date Reported: 04/10/15
Attention: Bryan Evans	Date Received: 03/25/15
<b>Sample ID:</b> PS2-8ft	Invoice Number: 14177-14206
Material Description: CL-ML Silty Sandy Clay Light Gray Brown	Reported By: G Suckow

**Sieve Analysis ASTM C136 CTM 202**

**Resistance Value (R-Value) ASTM D2844 CTM 301**

Sieve Size		Percent Passing	Specifications				
US	mm			A	B	C	D
3"	75.0			Exudation Pressure, psi:			
2-1/2"	63.5			Corrected R-Value:			
2"	50.0			Moisture Content at Test, %:			
1-1/2"	37.5			Dry Density, pcf:			
1"	25.0			Expansion Pressure, psf:			
3/4"	19.0			<b>R-Value at 300 psi:</b>		<b>Specification:</b>	
1/2"	12.5			Expansion Pressure at 300 psi:		psf	
3/8"	9.5			<b>Plasticity Index ASTM D4318</b>			
1/4"	6.3			Liquid Limit:	24	Specification	
#4	4.75			Plastic Limit:	18	Specification	
#8	2.36			<b>Plasticity Index:</b>	6	Specification	
#10	2.00			<b>-40 Soil Classification:</b>	CL-ML Silty Clay		
#16	1.18			<b>Coarse and Fine Aggregate Quality Tests</b>			
#30	0.600					Specifications	
#40	0.425			Cleanliness Value, CTM 227:			
#50	0.300			Sand Equivalency, ASTM D2419:			
#100	0.150			Coarse Durability Index, ASTM3744:			
#200	0.075			Fine Durability Index, ASTM3744:			
<b>Dry Density Moisture Content Relationship</b>				Sodium Soundness ASTM C88, % Loss:			
				LA Abrasion ASTM C131 500 Revs. % Loss:			
				LA Abrasion ASTM C131 100 Revs. % Loss:			
				LA Abrasion ASTM C131 Grading Used:			
Test Method	Optimum Moisture Content, %:	Maximum Dry Density, Pcf:		ASTM D-4829 Expansion Index(EI) <sub>50%</sub> :	12		
D-1557B				Expansion Potential:	Very Low		
<b>Relative Compaction of Untreated Soils CTM 216</b>							
Moisture Content, %	Maximum Wet Density, g/cc:						

Comments:

**Berlogar Stevens & Associates**

**ASTM Laboratory Tests Summary Sheets**

<b>Project Name:</b> 613102 Washington Hospital	<b>Project Number:</b> 2046.800
Client: Pacific States Environmental	Date Reported: 04/10/15
Attention: Bryan Evans	Date Received: 03/25/15
<b>Sample ID:</b> PS3-2ft	Invoice Number: 14177-14206
Material Description: CL Silty Clay Gray Brown	Reported By: G Suckow

**Sieve Analysis ASTM C136 CTM 202**

**Resistance Value (R-Value) ASTM D2844 CTM 301**

Sieve Size		Percent Passing	Specifications				
US	mm			A	B	C	D
3"	75.0			Exudation Pressure, psi:			
2-1/2"	63.5			Corrected R-Value:			
2"	50.0			Moisture Content at Test, %:			
1-1/2"	37.5			Dry Density, pcf:			
1"	25.0			Expansion Pressure, psf:			
3/4"	19.0			<b>R-Value at 300 psi:</b>		<b>Specification:</b>	
1/2"	12.5			Expansion Pressure at 300 psi:		psf	
3/8"	9.5			<b>Plasticity Index ASTM D4318</b>			
1/4"	6.3			Liquid Limit:	31	Specification	
#4	4.75			Plastic Limit:	18	Specification	
#8	2.36			<b>Plasticity Index:</b>	13	Specification	
#10	2.00			<b>-40 Soil Classification:</b>	CL Lean Clay		
#16	1.18			<b>Coarse and Fine Aggregate Quality Tests</b>			
#30	0.600					Specifications	
#40	0.425			Cleanliness Value, CTM 227:			
#50	0.300			Sand Equivalency, ASTM D2419:			
#100	0.150			Coarse Durability Index, ASTM3744:			
#200	0.075			Fine Durability Index, ASTM3744:			
<b>Dry Density Moisture Content Relationship</b>				Sodium Soundness ASTM C88, % Loss:			
				LA Abrasion ASTM C131 500 Revs. % Loss:			
				LA Abrasion ASTM C131 100 Revs. % Loss:			
				LA Abrasion ASTM C131 Grading Used:			
Test Method	Optimum Moisture Content, %:	Maximum Dry Density, Pcf:		ASTM D-4829 Expansion Index(EI) <sub>50%</sub> :	47		
D-1557B				Expansion Potential:	Low		
<b>Relative Compaction of Untreated Soils CTM 216</b>							
Moisture Content, %	Maximum Wet Density, g/cc:						

Comments:

# TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

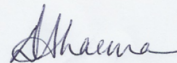
## ANALYTICAL REPORT

TestAmerica Laboratories, Inc.  
TestAmerica Pleasanton  
1220 Quarry Lane  
Pleasanton, CA 94566  
Tel: (925)484-1919

TestAmerica Job ID: 720-63685-2  
Client Project/Site: Washington Hospital

For:  
Pacific States Environmental  
11555 Dublin Blvd  
Dublin, California 94568

Attn: Mr. Bryan Evans



Authorized for release by:  
4/3/2015 5:14:49 PM

Dimple Sharma, Senior Project Manager  
(925)484-1919  
[dimple.sharma@testamericainc.com](mailto:dimple.sharma@testamericainc.com)

### LINKS

Review your project  
results through  
**TotalAccess**

Have a Question?



Visit us at:  
[www.testamericainc.com](http://www.testamericainc.com)

*This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.*

*Results relate only to the items tested and the sample(s) as received by the laboratory.*

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15



# Table of Contents

Cover Page . . . . .	1
Table of Contents . . . . .	2
Definitions/Glossary . . . . .	3
Case Narrative . . . . .	4
Detection Summary . . . . .	5
Client Sample Results . . . . .	6
Surrogate Summary . . . . .	7
QC Sample Results . . . . .	8
QC Association Summary . . . . .	9
Lab Chronicle . . . . .	10
Certification Summary . . . . .	11
Method Summary . . . . .	12
Sample Summary . . . . .	13
Chain of Custody . . . . .	14
Receipt Checklists . . . . .	15

## Definitions/Glossary

Client: Pacific States Environmental  
Project/Site: Washington Hospital

TestAmerica Job ID: 720-63685-2

### Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)



# Case Narrative

Client: Pacific States Environmental  
Project/Site: Washington Hospital

TestAmerica Job ID: 720-63685-2

---

**Job ID: 720-63685-2**

---

**Laboratory: TestAmerica Pleasanton**

---

**Narrative**

**Job Narrative**  
**720-63685-2**

**Comments**

No additional comments.

**Receipt**

The samples were received on 3/23/2015 4:32 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 3.1° C.

**GC/MS Semi VOA**

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

**Organic Prep**

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

# Detection Summary

Client: Pacific States Environmental  
Project/Site: Washington Hospital

TestAmerica Job ID: 720-63685-2

**Client Sample ID: PS-4-10'**

**Lab Sample ID: 720-63685-12**

No Detections.

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

This Detection Summary does not include radiochemical test results.

TestAmerica Pleasanton

# Client Sample Results

Client: Pacific States Environmental  
 Project/Site: Washington Hospital

TestAmerica Job ID: 720-63685-2

**Client Sample ID: PS-4-10'**

**Lab Sample ID: 720-63685-12**

**Date Collected: 03/23/15 11:12**

**Matrix: Solid**

**Date Received: 03/23/15 16:32**

**Method: 8270C SIM - Semivolatile Organic Compounds (GC/MS SIM)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		5.0		ug/Kg		04/02/15 09:44	04/03/15 13:12	1
Acenaphthylene	ND		5.0		ug/Kg		04/02/15 09:44	04/03/15 13:12	1
Anthracene	ND		5.0		ug/Kg		04/02/15 09:44	04/03/15 13:12	1
Benzo[a]anthracene	ND		5.0		ug/Kg		04/02/15 09:44	04/03/15 13:12	1
Benzo[a]pyrene	ND		5.0		ug/Kg		04/02/15 09:44	04/03/15 13:12	1
Benzo[b]fluoranthene	ND		5.0		ug/Kg		04/02/15 09:44	04/03/15 13:12	1
Benzo[g,h,i]perylene	ND		5.0		ug/Kg		04/02/15 09:44	04/03/15 13:12	1
Benzo[k]fluoranthene	ND		5.0		ug/Kg		04/02/15 09:44	04/03/15 13:12	1
Chrysene	ND		5.0		ug/Kg		04/02/15 09:44	04/03/15 13:12	1
Dibenz(a,h)anthracene	ND		5.0		ug/Kg		04/02/15 09:44	04/03/15 13:12	1
Fluoranthene	ND		5.0		ug/Kg		04/02/15 09:44	04/03/15 13:12	1
Fluorene	ND		5.0		ug/Kg		04/02/15 09:44	04/03/15 13:12	1
Indeno[1,2,3-cd]pyrene	ND		5.0		ug/Kg		04/02/15 09:44	04/03/15 13:12	1
Naphthalene	ND		5.0		ug/Kg		04/02/15 09:44	04/03/15 13:12	1
Phenanthrene	ND		5.0		ug/Kg		04/02/15 09:44	04/03/15 13:12	1
Pyrene	ND		5.0		ug/Kg		04/02/15 09:44	04/03/15 13:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	60		33 - 120				04/02/15 09:44	04/03/15 13:12	1
Terphenyl-d14	76		35 - 146				04/02/15 09:44	04/03/15 13:12	1

# Surrogate Summary

Client: Pacific States Environmental  
Project/Site: Washington Hospital

TestAmerica Job ID: 720-63685-2

## Method: 8270C SIM - Semivolatile Organic Compounds (GC/MS SIM)

Matrix: Solid

Prep Type: Total/NA

### Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	FBP (33-120)	TPH (35-146)
720-63685-12	PS-4-10'	60	76
LCS 720-178895/2-A	Lab Control Sample	77	96
MB 720-178895/1-A	Method Blank	75	96

#### Surrogate Legend

FBP = 2-Fluorobiphenyl

TPH = Terphenyl-d14

# QC Sample Results

Client: Pacific States Environmental  
Project/Site: Washington Hospital

TestAmerica Job ID: 720-63685-2

## Method: 8270C SIM - Semivolatile Organic Compounds (GC/MS SIM)

**Lab Sample ID: MB 720-178895/1-A**

**Matrix: Solid**

**Analysis Batch: 178986**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

**Prep Batch: 178895**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		4.9		ug/Kg		04/02/15 09:44	04/03/15 12:48	1
Acenaphthylene	ND		4.9		ug/Kg		04/02/15 09:44	04/03/15 12:48	1
Anthracene	ND		4.9		ug/Kg		04/02/15 09:44	04/03/15 12:48	1
Benzo[a]anthracene	ND		4.9		ug/Kg		04/02/15 09:44	04/03/15 12:48	1
Benzo[a]pyrene	ND		4.9		ug/Kg		04/02/15 09:44	04/03/15 12:48	1
Benzo[b]fluoranthene	ND		4.9		ug/Kg		04/02/15 09:44	04/03/15 12:48	1
Benzo[g,h,i]perylene	ND		4.9		ug/Kg		04/02/15 09:44	04/03/15 12:48	1
Benzo[k]fluoranthene	ND		4.9		ug/Kg		04/02/15 09:44	04/03/15 12:48	1
Chrysene	ND		4.9		ug/Kg		04/02/15 09:44	04/03/15 12:48	1
Dibenz(a,h)anthracene	ND		4.9		ug/Kg		04/02/15 09:44	04/03/15 12:48	1
Fluoranthene	ND		4.9		ug/Kg		04/02/15 09:44	04/03/15 12:48	1
Fluorene	ND		4.9		ug/Kg		04/02/15 09:44	04/03/15 12:48	1
Indeno[1,2,3-cd]pyrene	ND		4.9		ug/Kg		04/02/15 09:44	04/03/15 12:48	1
Naphthalene	ND		4.9		ug/Kg		04/02/15 09:44	04/03/15 12:48	1
Phenanthrene	ND		4.9		ug/Kg		04/02/15 09:44	04/03/15 12:48	1
Pyrene	ND		4.9		ug/Kg		04/02/15 09:44	04/03/15 12:48	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	75		33 - 120	04/02/15 09:44	04/03/15 12:48	1
Terphenyl-d14	96		35 - 146	04/02/15 09:44	04/03/15 12:48	1

**Lab Sample ID: LCS 720-178895/2-A**

**Matrix: Solid**

**Analysis Batch: 178986**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

**Prep Batch: 178895**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acenaphthene	333	251		ug/Kg		76	43 - 120
Acenaphthylene	333	282		ug/Kg		85	46 - 120
Anthracene	333	270		ug/Kg		81	55 - 120
Benzo[a]anthracene	333	314		ug/Kg		94	65 - 120
Benzo[a]pyrene	333	297		ug/Kg		89	62 - 120
Benzo[b]fluoranthene	333	298		ug/Kg		90	60 - 120
Benzo[g,h,i]perylene	333	289		ug/Kg		87	42 - 120
Benzo[k]fluoranthene	333	303		ug/Kg		91	63 - 120
Chrysene	333	315		ug/Kg		95	54 - 120
Dibenz(a,h)anthracene	333	292		ug/Kg		88	51 - 120
Fluoranthene	333	275		ug/Kg		83	59 - 120
Fluorene	333	270		ug/Kg		81	47 - 120
Indeno[1,2,3-cd]pyrene	333	288		ug/Kg		87	50 - 120
Naphthalene	333	248		ug/Kg		75	42 - 120
Phenanthrene	333	268		ug/Kg		80	51 - 120
Pyrene	333	325		ug/Kg		98	63 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2-Fluorobiphenyl	77		33 - 120
Terphenyl-d14	96		35 - 146

TestAmerica Pleasanton

# QC Association Summary

Client: Pacific States Environmental  
Project/Site: Washington Hospital

TestAmerica Job ID: 720-63685-2

## GC/MS Semi VOA

### Prep Batch: 178895

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-63685-12	PS-4-10'	Total/NA	Solid	3546	
LCS 720-178895/2-A	Lab Control Sample	Total/NA	Solid	3546	
MB 720-178895/1-A	Method Blank	Total/NA	Solid	3546	

### Analysis Batch: 178986

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-63685-12	PS-4-10'	Total/NA	Solid	8270C SIM	178895
LCS 720-178895/2-A	Lab Control Sample	Total/NA	Solid	8270C SIM	178895
MB 720-178895/1-A	Method Blank	Total/NA	Solid	8270C SIM	178895

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15

# Lab Chronicle

Client: Pacific States Environmental  
Project/Site: Washington Hospital

TestAmerica Job ID: 720-63685-2

**Client Sample ID: PS-4-10'**

**Lab Sample ID: 720-63685-12**

**Date Collected: 03/23/15 11:12**

**Matrix: Solid**

**Date Received: 03/23/15 16:32**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			178895	04/02/15 09:44	AFM	TAL PLS
Total/NA	Analysis	8270C SIM		1	178986	04/03/15 13:12	MQL	TAL PLS

**Laboratory References:**

TAL PLS = TestAmerica Pleasanton, 1220 Quarry Lane, Pleasanton, CA 94566, TEL (925)484-1919

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15

# Certification Summary

Client: Pacific States Environmental  
Project/Site: Washington Hospital

TestAmerica Job ID: 720-63685-2

## Laboratory: TestAmerica Pleasanton

Unless otherwise noted, all analytes for this laboratory were covered under each certification below.

Authority	Program	EPA Region	Certification ID	Expiration Date
California	State Program	9	2496	01-31-16

Analysis Method	Prep Method	Matrix	Analyte
-----------------	-------------	--------	---------

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15



# Method Summary

Client: Pacific States Environmental  
Project/Site: Washington Hospital

TestAmerica Job ID: 720-63685-2

---

Method	Method Description	Protocol	Laboratory
8270C SIM	Semivolatile Organic Compounds (GC/MS SIM)	SW846	TAL PLS

---

**Protocol References:**

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

**Laboratory References:**

TAL PLS = TestAmerica Pleasanton, 1220 Quarry Lane, Pleasanton, CA 94566, TEL (925)484-1919



# Sample Summary

Client: Pacific States Environmental  
Project/Site: Washington Hospital

TestAmerica Job ID: 720-63685-2

---

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
720-63685-12	PS-4-10'	Solid	03/23/15 11:12	03/23/15 16:32

---

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

Sharma, Dimple

720-63685-2

**From:** Bryan Brasesco <bbrasesco@pacificstates.net>  
**Sent:** Tuesday, March 31, 2015 9:57 AM  
**To:** Sharma, Dimple  
**Cc:** Bryan Evans; Michael Collings; Jason Hirsch  
**Subject:** RE: TestAmerica EDD and report files from 720-63685-1 Washington Hospital

Dimple,  
Please release PS-4-10' for PAH Sim list on a 3 day?

*Bryan Brasesco  
Project Technician- Soils Management Department  
Pacific States Environmental Contractors, Inc.  
Office: 925-361-1422  
Cell: 925-785-9959*



**From:** Sharma, Dimple [mailto:dimple.sharma@testamericainc.com]  
**Sent:** Monday, March 30, 2015 5:51 PM  
**To:** Bryan Brasesco; Bryan Evans; Jason Hirsch; Michael Collings  
**Subject:** TestAmerica EDD and report files from 720-63685-1 Washington Hospital

Hello,

Attached please find the EDD and report files for job 720-63685-1; Washington Hospital

Please feel free to contact me if you have any questions.

Thank you.

Please let us know if we met your expectations by rating the service you received from TestAmerica on this project by visiting our website at: [Project Feedback](#)

**DIMPLE SHARMA**  
Senior Project Manager

TestAmerica Pleasanton  
THE LEADER IN ENVIRONMENTAL TESTING

**RUSH**

Tel: 925.484.1919  
[www.testamericainc.com](http://www.testamericainc.com)

Reference: [181270]  
Attachments: 2

## Login Sample Receipt Checklist

Client: Pacific States Environmental

Job Number: 720-63685-2

Login Number: 63685

List Source: TestAmerica Pleasanton

List Number: 1

Creator: Bullock, Tracy

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	False	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

# TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

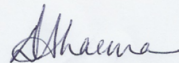
## ANALYTICAL REPORT

TestAmerica Laboratories, Inc.  
TestAmerica Pleasanton  
1220 Quarry Lane  
Pleasanton, CA 94566  
Tel: (925)484-1919

TestAmerica Job ID: 720-63685-1  
Client Project/Site: Washington Hospital

For:  
Pacific States Environmental  
11555 Dublin Blvd  
Dublin, California 94568

Attn: Mr. Bryan Evans



Authorized for release by:  
3/30/2015 5:49:59 PM

Dimple Sharma, Senior Project Manager  
(925)484-1919  
[dimple.sharma@testamericainc.com](mailto:dimple.sharma@testamericainc.com)

### LINKS

Review your project  
results through  
**TotalAccess**

Have a Question?



Visit us at:  
[www.testamericainc.com](http://www.testamericainc.com)

*This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.*

*Results relate only to the items tested and the sample(s) as received by the laboratory.*

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15
- 16



# Table of Contents

Cover Page . . . . .	1
Table of Contents . . . . .	2
Definitions/Glossary . . . . .	3
Case Narrative . . . . .	4
Detection Summary . . . . .	5
Client Sample Results . . . . .	7
Surrogate Summary . . . . .	31
QC Sample Results . . . . .	33
QC Association Summary . . . . .	49
Lab Chronicle . . . . .	51
Certification Summary . . . . .	54
Method Summary . . . . .	55
Sample Summary . . . . .	56
Subcontract Data . . . . .	57
Chain of Custody . . . . .	61
Receipt Checklists . . . . .	62

# Definitions/Glossary

Client: Pacific States Environmental  
Project/Site: Washington Hospital

TestAmerica Job ID: 720-63685-1

## Qualifiers

### GC/MS VOA

Qualifier	Qualifier Description
F1	MS and/or MSD Recovery exceeds the control limits
F2	MS/MSD RPD exceeds control limits

## Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
□	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

# Case Narrative

Client: Pacific States Environmental  
Project/Site: Washington Hospital

TestAmerica Job ID: 720-63685-1

**Job ID: 720-63685-1**

**Laboratory: TestAmerica Pleasanton**

## Narrative

**Job Narrative**  
**720-63685-1**

### Comments

No additional comments.

### Receipt

The samples were received on 3/23/2015 4:32 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 3.1° C.

Except:

The container label for the following sample did not match the information listed on the Chain-of-Custody (COC): PS-4-2'. The container labels list PS-4-1', while the COC lists PS-4-2'.

### GC/MS VOA

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

### GC/MS Semi VOA

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

### GC VOA

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

### GC Semi VOA

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

### Organic Prep

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.



# Detection Summary

Client: Pacific States Environmental  
Project/Site: Washington Hospital

TestAmerica Job ID: 720-63685-1

## Client Sample ID: PS-1-2'

Lab Sample ID: 720-63685-1

No Detections.

## Client Sample ID: PS-1-5'

Lab Sample ID: 720-63685-2

No Detections.

## Client Sample ID: PS-1-10'

Lab Sample ID: 720-63685-3

No Detections.

## Client Sample ID: PS-2-1'

Lab Sample ID: 720-63685-4

No Detections.

## Client Sample ID: PS-2-8'

Lab Sample ID: 720-63685-5

No Detections.

## Client Sample ID: PS-2-12'

Lab Sample ID: 720-63685-6

No Detections.

## Client Sample ID: PS-3-2'

Lab Sample ID: 720-63685-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthylene	12		5.0		ug/Kg	1		8270C SIM	Total/NA
Anthracene	7.2		5.0		ug/Kg	1		8270C SIM	Total/NA
Benzo[a]anthracene	21		5.0		ug/Kg	1		8270C SIM	Total/NA
Benzo[a]pyrene	24		5.0		ug/Kg	1		8270C SIM	Total/NA
Benzo[b]fluoranthene	31		5.0		ug/Kg	1		8270C SIM	Total/NA
Benzo[g,h,i]perylene	16		5.0		ug/Kg	1		8270C SIM	Total/NA
Benzo[k]fluoranthene	11		5.0		ug/Kg	1		8270C SIM	Total/NA
Chrysene	38		5.0		ug/Kg	1		8270C SIM	Total/NA
Fluoranthene	47		5.0		ug/Kg	1		8270C SIM	Total/NA
Indeno[1,2,3-cd]pyrene	12		5.0		ug/Kg	1		8270C SIM	Total/NA
Phenanthrene	32		5.0		ug/Kg	1		8270C SIM	Total/NA
Pyrene	86		5.0		ug/Kg	1		8270C SIM	Total/NA

## Client Sample ID: PS-3-8'

Lab Sample ID: 720-63685-8

No Detections.

## Client Sample ID: PS-3-15'

Lab Sample ID: 720-63685-9

No Detections.

## Client Sample ID: PS-4-2'

Lab Sample ID: 720-63685-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[b]fluoranthene	6.0		4.9		ug/Kg	1		8270C SIM	Total/NA

## Client Sample ID: PS-4-6'

Lab Sample ID: 720-63685-11

This Detection Summary does not include radiochemical test results.

TestAmerica Pleasanton

# Detection Summary

Client: Pacific States Environmental  
Project/Site: Washington Hospital

TestAmerica Job ID: 720-63685-1

Client Sample ID: PS-4-6' (Continued)

Lab Sample ID: 720-63685-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Anthracene	7.3		4.9		ug/Kg	1		8270C SIM	Total/NA
Benzo[a]anthracene	72		4.9		ug/Kg	1		8270C SIM	Total/NA
Benzo[a]pyrene	100		4.9		ug/Kg	1		8270C SIM	Total/NA
Benzo[b]fluoranthene	140		4.9		ug/Kg	1		8270C SIM	Total/NA
Benzo[g,h,i]perylene	110		4.9		ug/Kg	1		8270C SIM	Total/NA
Benzo[k]fluoranthene	56		4.9		ug/Kg	1		8270C SIM	Total/NA
Chrysene	95		4.9		ug/Kg	1		8270C SIM	Total/NA
Dibenz(a,h)anthracene	28		4.9		ug/Kg	1		8270C SIM	Total/NA
Fluoranthene	97		4.9		ug/Kg	1		8270C SIM	Total/NA
Indeno[1,2,3-cd]pyrene	93		4.9		ug/Kg	1		8270C SIM	Total/NA
Phenanthrene	36		4.9		ug/Kg	1		8270C SIM	Total/NA
Pyrene	110		4.9		ug/Kg	1		8270C SIM	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Pleasanton

# Client Sample Results

Client: Pacific States Environmental  
Project/Site: Washington Hospital

TestAmerica Job ID: 720-63685-1

**Client Sample ID: PS-1-2'**

**Lab Sample ID: 720-63685-1**

**Date Collected: 03/23/15 08:58**

**Matrix: Solid**

**Date Received: 03/23/15 16:32**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		4.6		ug/Kg		03/30/15 10:00	03/30/15 11:04	1
Acetone	ND		46		ug/Kg		03/30/15 10:00	03/30/15 11:04	1
Benzene	ND		4.6		ug/Kg		03/30/15 10:00	03/30/15 11:04	1
Dichlorobromomethane	ND		4.6		ug/Kg		03/30/15 10:00	03/30/15 11:04	1
Bromobenzene	ND		4.6		ug/Kg		03/30/15 10:00	03/30/15 11:04	1
Chlorobromomethane	ND		18		ug/Kg		03/30/15 10:00	03/30/15 11:04	1
Bromoform	ND		4.6		ug/Kg		03/30/15 10:00	03/30/15 11:04	1
Bromomethane	ND		9.1		ug/Kg		03/30/15 10:00	03/30/15 11:04	1
2-Butanone (MEK)	ND		46		ug/Kg		03/30/15 10:00	03/30/15 11:04	1
n-Butylbenzene	ND		4.6		ug/Kg		03/30/15 10:00	03/30/15 11:04	1
sec-Butylbenzene	ND		4.6		ug/Kg		03/30/15 10:00	03/30/15 11:04	1
tert-Butylbenzene	ND		4.6		ug/Kg		03/30/15 10:00	03/30/15 11:04	1
Carbon disulfide	ND		4.6		ug/Kg		03/30/15 10:00	03/30/15 11:04	1
Carbon tetrachloride	ND		4.6		ug/Kg		03/30/15 10:00	03/30/15 11:04	1
Chlorobenzene	ND		4.6		ug/Kg		03/30/15 10:00	03/30/15 11:04	1
Chloroethane	ND		9.1		ug/Kg		03/30/15 10:00	03/30/15 11:04	1
Chloroform	ND		4.6		ug/Kg		03/30/15 10:00	03/30/15 11:04	1
Chloromethane	ND		9.1		ug/Kg		03/30/15 10:00	03/30/15 11:04	1
2-Chlorotoluene	ND		4.6		ug/Kg		03/30/15 10:00	03/30/15 11:04	1
4-Chlorotoluene	ND		4.6		ug/Kg		03/30/15 10:00	03/30/15 11:04	1
Chlorodibromomethane	ND		4.6		ug/Kg		03/30/15 10:00	03/30/15 11:04	1
1,2-Dichlorobenzene	ND		4.6		ug/Kg		03/30/15 10:00	03/30/15 11:04	1
1,3-Dichlorobenzene	ND		4.6		ug/Kg		03/30/15 10:00	03/30/15 11:04	1
1,4-Dichlorobenzene	ND		4.6		ug/Kg		03/30/15 10:00	03/30/15 11:04	1
1,3-Dichloropropane	ND		4.6		ug/Kg		03/30/15 10:00	03/30/15 11:04	1
1,1-Dichloropropene	ND		4.6		ug/Kg		03/30/15 10:00	03/30/15 11:04	1
1,2-Dibromo-3-Chloropropane	ND		9.1		ug/Kg		03/30/15 10:00	03/30/15 11:04	1
Ethylene Dibromide	ND		4.6		ug/Kg		03/30/15 10:00	03/30/15 11:04	1
Dibromomethane	ND		9.1		ug/Kg		03/30/15 10:00	03/30/15 11:04	1
Dichlorodifluoromethane	ND		9.1		ug/Kg		03/30/15 10:00	03/30/15 11:04	1
1,1-Dichloroethane	ND		4.6		ug/Kg		03/30/15 10:00	03/30/15 11:04	1
1,2-Dichloroethane	ND		4.6		ug/Kg		03/30/15 10:00	03/30/15 11:04	1
1,1-Dichloroethene	ND		4.6		ug/Kg		03/30/15 10:00	03/30/15 11:04	1
cis-1,2-Dichloroethene	ND		4.6		ug/Kg		03/30/15 10:00	03/30/15 11:04	1
trans-1,2-Dichloroethene	ND		4.6		ug/Kg		03/30/15 10:00	03/30/15 11:04	1
1,2-Dichloropropane	ND		4.6		ug/Kg		03/30/15 10:00	03/30/15 11:04	1
cis-1,3-Dichloropropene	ND		4.6		ug/Kg		03/30/15 10:00	03/30/15 11:04	1
trans-1,3-Dichloropropene	ND		4.6		ug/Kg		03/30/15 10:00	03/30/15 11:04	1
Ethylbenzene	ND		4.6		ug/Kg		03/30/15 10:00	03/30/15 11:04	1
Hexachlorobutadiene	ND		4.6		ug/Kg		03/30/15 10:00	03/30/15 11:04	1
2-Hexanone	ND		46		ug/Kg		03/30/15 10:00	03/30/15 11:04	1
Isopropylbenzene	ND		4.6		ug/Kg		03/30/15 10:00	03/30/15 11:04	1
4-Isopropyltoluene	ND		4.6		ug/Kg		03/30/15 10:00	03/30/15 11:04	1
Methylene Chloride	ND		9.1		ug/Kg		03/30/15 10:00	03/30/15 11:04	1
4-Methyl-2-pentanone (MIBK)	ND		46		ug/Kg		03/30/15 10:00	03/30/15 11:04	1
Naphthalene	ND		9.1		ug/Kg		03/30/15 10:00	03/30/15 11:04	1
N-Propylbenzene	ND		4.6		ug/Kg		03/30/15 10:00	03/30/15 11:04	1
Styrene	ND		4.6		ug/Kg		03/30/15 10:00	03/30/15 11:04	1
1,1,1,2-Tetrachloroethane	ND		4.6		ug/Kg		03/30/15 10:00	03/30/15 11:04	1

TestAmerica Pleasanton

# Client Sample Results

Client: Pacific States Environmental  
Project/Site: Washington Hospital

TestAmerica Job ID: 720-63685-1

**Client Sample ID: PS-1-2'**

**Lab Sample ID: 720-63685-1**

Date Collected: 03/23/15 08:58

Matrix: Solid

Date Received: 03/23/15 16:32

**Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		4.6		ug/Kg		03/30/15 10:00	03/30/15 11:04	1
Tetrachloroethene	ND		4.6		ug/Kg		03/30/15 10:00	03/30/15 11:04	1
Toluene	ND		4.6		ug/Kg		03/30/15 10:00	03/30/15 11:04	1
1,2,3-Trichlorobenzene	ND		4.6		ug/Kg		03/30/15 10:00	03/30/15 11:04	1
1,2,4-Trichlorobenzene	ND		4.6		ug/Kg		03/30/15 10:00	03/30/15 11:04	1
1,1,1-Trichloroethane	ND		4.6		ug/Kg		03/30/15 10:00	03/30/15 11:04	1
1,1,2-Trichloroethane	ND		4.6		ug/Kg		03/30/15 10:00	03/30/15 11:04	1
Trichloroethene	ND		4.6		ug/Kg		03/30/15 10:00	03/30/15 11:04	1
Trichlorofluoromethane	ND		4.6		ug/Kg		03/30/15 10:00	03/30/15 11:04	1
1,2,3-Trichloropropane	ND		4.6		ug/Kg		03/30/15 10:00	03/30/15 11:04	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.6		ug/Kg		03/30/15 10:00	03/30/15 11:04	1
1,2,4-Trimethylbenzene	ND		4.6		ug/Kg		03/30/15 10:00	03/30/15 11:04	1
1,3,5-Trimethylbenzene	ND		4.6		ug/Kg		03/30/15 10:00	03/30/15 11:04	1
Vinyl acetate	ND		18		ug/Kg		03/30/15 10:00	03/30/15 11:04	1
Vinyl chloride	ND		4.6		ug/Kg		03/30/15 10:00	03/30/15 11:04	1
Xylenes, Total	ND		9.1		ug/Kg		03/30/15 10:00	03/30/15 11:04	1
2,2-Dichloropropane	ND		4.6		ug/Kg		03/30/15 10:00	03/30/15 11:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	88		45 - 131	03/30/15 10:00	03/30/15 11:04	1
1,2-Dichloroethane-d4 (Surr)	88		60 - 140	03/30/15 10:00	03/30/15 11:04	1
Toluene-d8 (Surr)	100		58 - 140	03/30/15 10:00	03/30/15 11:04	1

**Method: 8270C SIM - Semivolatile Organic Compounds (GC/MS SIM)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		5.0		ug/Kg		03/27/15 09:42	03/28/15 16:46	1
Acenaphthylene	ND		5.0		ug/Kg		03/27/15 09:42	03/28/15 16:46	1
Anthracene	ND		5.0		ug/Kg		03/27/15 09:42	03/28/15 16:46	1
Benzo[a]anthracene	ND		5.0		ug/Kg		03/27/15 09:42	03/28/15 16:46	1
Benzo[a]pyrene	ND		5.0		ug/Kg		03/27/15 09:42	03/28/15 16:46	1
Benzo[b]fluoranthene	ND		5.0		ug/Kg		03/27/15 09:42	03/28/15 16:46	1
Benzo[g,h,i]perylene	ND		5.0		ug/Kg		03/27/15 09:42	03/28/15 16:46	1
Benzo[k]fluoranthene	ND		5.0		ug/Kg		03/27/15 09:42	03/28/15 16:46	1
Chrysene	ND		5.0		ug/Kg		03/27/15 09:42	03/28/15 16:46	1
Dibenz(a,h)anthracene	ND		5.0		ug/Kg		03/27/15 09:42	03/28/15 16:46	1
Fluoranthene	ND		5.0		ug/Kg		03/27/15 09:42	03/28/15 16:46	1
Fluorene	ND		5.0		ug/Kg		03/27/15 09:42	03/28/15 16:46	1
Indeno[1,2,3-cd]pyrene	ND		5.0		ug/Kg		03/27/15 09:42	03/28/15 16:46	1
Naphthalene	ND		5.0		ug/Kg		03/27/15 09:42	03/28/15 16:46	1
Phenanthrene	ND		5.0		ug/Kg		03/27/15 09:42	03/28/15 16:46	1
Pyrene	ND		5.0		ug/Kg		03/27/15 09:42	03/28/15 16:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	68		33 - 120	03/27/15 09:42	03/28/15 16:46	1
Terphenyl-d14	91		35 - 146	03/27/15 09:42	03/28/15 16:46	1

**Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		49		ug/Kg		03/27/15 09:33	03/27/15 22:00	1
PCB-1221	ND		49		ug/Kg		03/27/15 09:33	03/27/15 22:00	1

TestAmerica Pleasanton

# Client Sample Results

Client: Pacific States Environmental  
 Project/Site: Washington Hospital

TestAmerica Job ID: 720-63685-1

**Client Sample ID: PS-1-2'**  
**Date Collected: 03/23/15 08:58**  
**Date Received: 03/23/15 16:32**

**Lab Sample ID: 720-63685-1**  
**Matrix: Solid**

**Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1232	ND		49		ug/Kg		03/27/15 09:33	03/27/15 22:00	1
PCB-1242	ND		49		ug/Kg		03/27/15 09:33	03/27/15 22:00	1
PCB-1248	ND		49		ug/Kg		03/27/15 09:33	03/27/15 22:00	1
PCB-1254	ND		49		ug/Kg		03/27/15 09:33	03/27/15 22:00	1
PCB-1260	ND		49		ug/Kg		03/27/15 09:33	03/27/15 22:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	79		45 - 132				03/27/15 09:33	03/27/15 22:00	1
DCB Decachlorobiphenyl	91		42 - 146				03/27/15 09:33	03/27/15 22:00	1



# Client Sample Results

Client: Pacific States Environmental  
Project/Site: Washington Hospital

TestAmerica Job ID: 720-63685-1

**Client Sample ID: PS-1-10'**

**Lab Sample ID: 720-63685-3**

**Date Collected: 03/23/15 09:30**

**Matrix: Solid**

**Date Received: 03/23/15 16:32**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		4.9		ug/Kg		03/27/15 10:00	03/27/15 14:44	1
Acetone	ND		49		ug/Kg		03/27/15 10:00	03/27/15 14:44	1
Benzene	ND		4.9		ug/Kg		03/27/15 10:00	03/27/15 14:44	1
Dichlorobromomethane	ND		4.9		ug/Kg		03/27/15 10:00	03/27/15 14:44	1
Bromobenzene	ND		4.9		ug/Kg		03/27/15 10:00	03/27/15 14:44	1
Chlorobromomethane	ND		20		ug/Kg		03/27/15 10:00	03/27/15 14:44	1
Bromoform	ND		4.9		ug/Kg		03/27/15 10:00	03/27/15 14:44	1
Bromomethane	ND		9.9		ug/Kg		03/27/15 10:00	03/27/15 14:44	1
2-Butanone (MEK)	ND		49		ug/Kg		03/27/15 10:00	03/27/15 14:44	1
n-Butylbenzene	ND		4.9		ug/Kg		03/27/15 10:00	03/27/15 14:44	1
sec-Butylbenzene	ND		4.9		ug/Kg		03/27/15 10:00	03/27/15 14:44	1
tert-Butylbenzene	ND		4.9		ug/Kg		03/27/15 10:00	03/27/15 14:44	1
Carbon disulfide	ND		4.9		ug/Kg		03/27/15 10:00	03/27/15 14:44	1
Carbon tetrachloride	ND		4.9		ug/Kg		03/27/15 10:00	03/27/15 14:44	1
Chlorobenzene	ND		4.9		ug/Kg		03/27/15 10:00	03/27/15 14:44	1
Chloroethane	ND		9.9		ug/Kg		03/27/15 10:00	03/27/15 14:44	1
Chloroform	ND		4.9		ug/Kg		03/27/15 10:00	03/27/15 14:44	1
Chloromethane	ND		9.9		ug/Kg		03/27/15 10:00	03/27/15 14:44	1
2-Chlorotoluene	ND		4.9		ug/Kg		03/27/15 10:00	03/27/15 14:44	1
4-Chlorotoluene	ND		4.9		ug/Kg		03/27/15 10:00	03/27/15 14:44	1
Chlorodibromomethane	ND		4.9		ug/Kg		03/27/15 10:00	03/27/15 14:44	1
1,2-Dichlorobenzene	ND		4.9		ug/Kg		03/27/15 10:00	03/27/15 14:44	1
1,3-Dichlorobenzene	ND		4.9		ug/Kg		03/27/15 10:00	03/27/15 14:44	1
1,4-Dichlorobenzene	ND		4.9		ug/Kg		03/27/15 10:00	03/27/15 14:44	1
1,3-Dichloropropane	ND		4.9		ug/Kg		03/27/15 10:00	03/27/15 14:44	1
1,1-Dichloropropene	ND		4.9		ug/Kg		03/27/15 10:00	03/27/15 14:44	1
1,2-Dibromo-3-Chloropropane	ND		9.9		ug/Kg		03/27/15 10:00	03/27/15 14:44	1
Ethylene Dibromide	ND		4.9		ug/Kg		03/27/15 10:00	03/27/15 14:44	1
Dibromomethane	ND		9.9		ug/Kg		03/27/15 10:00	03/27/15 14:44	1
Dichlorodifluoromethane	ND		9.9		ug/Kg		03/27/15 10:00	03/27/15 14:44	1
1,1-Dichloroethane	ND		4.9		ug/Kg		03/27/15 10:00	03/27/15 14:44	1
1,2-Dichloroethane	ND		4.9		ug/Kg		03/27/15 10:00	03/27/15 14:44	1
1,1-Dichloroethene	ND		4.9		ug/Kg		03/27/15 10:00	03/27/15 14:44	1
cis-1,2-Dichloroethene	ND		4.9		ug/Kg		03/27/15 10:00	03/27/15 14:44	1
trans-1,2-Dichloroethene	ND		4.9		ug/Kg		03/27/15 10:00	03/27/15 14:44	1
1,2-Dichloropropane	ND		4.9		ug/Kg		03/27/15 10:00	03/27/15 14:44	1
cis-1,3-Dichloropropene	ND		4.9		ug/Kg		03/27/15 10:00	03/27/15 14:44	1
trans-1,3-Dichloropropene	ND		4.9		ug/Kg		03/27/15 10:00	03/27/15 14:44	1
Ethylbenzene	ND		4.9		ug/Kg		03/27/15 10:00	03/27/15 14:44	1
Hexachlorobutadiene	ND		4.9		ug/Kg		03/27/15 10:00	03/27/15 14:44	1
2-Hexanone	ND		49		ug/Kg		03/27/15 10:00	03/27/15 14:44	1
Isopropylbenzene	ND		4.9		ug/Kg		03/27/15 10:00	03/27/15 14:44	1
4-Isopropyltoluene	ND		4.9		ug/Kg		03/27/15 10:00	03/27/15 14:44	1
Methylene Chloride	ND		9.9		ug/Kg		03/27/15 10:00	03/27/15 14:44	1
4-Methyl-2-pentanone (MIBK)	ND		49		ug/Kg		03/27/15 10:00	03/27/15 14:44	1
Naphthalene	ND		9.9		ug/Kg		03/27/15 10:00	03/27/15 14:44	1
N-Propylbenzene	ND		4.9		ug/Kg		03/27/15 10:00	03/27/15 14:44	1
Styrene	ND		4.9		ug/Kg		03/27/15 10:00	03/27/15 14:44	1
1,1,1,2-Tetrachloroethane	ND		4.9		ug/Kg		03/27/15 10:00	03/27/15 14:44	1

TestAmerica Pleasanton

# Client Sample Results

Client: Pacific States Environmental  
Project/Site: Washington Hospital

TestAmerica Job ID: 720-63685-1

**Client Sample ID: PS-1-10'**

**Lab Sample ID: 720-63685-3**

Date Collected: 03/23/15 09:30

Matrix: Solid

Date Received: 03/23/15 16:32

**Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		4.9		ug/Kg		03/27/15 10:00	03/27/15 14:44	1
Tetrachloroethene	ND		4.9		ug/Kg		03/27/15 10:00	03/27/15 14:44	1
Toluene	ND		4.9		ug/Kg		03/27/15 10:00	03/27/15 14:44	1
1,2,3-Trichlorobenzene	ND		4.9		ug/Kg		03/27/15 10:00	03/27/15 14:44	1
1,2,4-Trichlorobenzene	ND		4.9		ug/Kg		03/27/15 10:00	03/27/15 14:44	1
1,1,1-Trichloroethane	ND		4.9		ug/Kg		03/27/15 10:00	03/27/15 14:44	1
1,1,2-Trichloroethane	ND		4.9		ug/Kg		03/27/15 10:00	03/27/15 14:44	1
Trichloroethene	ND		4.9		ug/Kg		03/27/15 10:00	03/27/15 14:44	1
Trichlorofluoromethane	ND		4.9		ug/Kg		03/27/15 10:00	03/27/15 14:44	1
1,2,3-Trichloropropane	ND		4.9		ug/Kg		03/27/15 10:00	03/27/15 14:44	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.9		ug/Kg		03/27/15 10:00	03/27/15 14:44	1
1,2,4-Trimethylbenzene	ND		4.9		ug/Kg		03/27/15 10:00	03/27/15 14:44	1
1,3,5-Trimethylbenzene	ND		4.9		ug/Kg		03/27/15 10:00	03/27/15 14:44	1
Vinyl acetate	ND		20		ug/Kg		03/27/15 10:00	03/27/15 14:44	1
Vinyl chloride	ND		4.9		ug/Kg		03/27/15 10:00	03/27/15 14:44	1
Xylenes, Total	ND		9.9		ug/Kg		03/27/15 10:00	03/27/15 14:44	1
2,2-Dichloropropane	ND		4.9		ug/Kg		03/27/15 10:00	03/27/15 14:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	89		45 - 131	03/27/15 10:00	03/27/15 14:44	1
1,2-Dichloroethane-d4 (Surr)	87		60 - 140	03/27/15 10:00	03/27/15 14:44	1
Toluene-d8 (Surr)	87		58 - 140	03/27/15 10:00	03/27/15 14:44	1

**Method: 8270C SIM - Semivolatile Organic Compounds (GC/MS SIM)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		4.9		ug/Kg		03/27/15 09:42	03/28/15 17:09	1
Acenaphthylene	ND		4.9		ug/Kg		03/27/15 09:42	03/28/15 17:09	1
Anthracene	ND		4.9		ug/Kg		03/27/15 09:42	03/28/15 17:09	1
Benzo[a]anthracene	ND		4.9		ug/Kg		03/27/15 09:42	03/28/15 17:09	1
Benzo[a]pyrene	ND		4.9		ug/Kg		03/27/15 09:42	03/28/15 17:09	1
Benzo[b]fluoranthene	ND		4.9		ug/Kg		03/27/15 09:42	03/28/15 17:09	1
Benzo[g,h,i]perylene	ND		4.9		ug/Kg		03/27/15 09:42	03/28/15 17:09	1
Benzo[k]fluoranthene	ND		4.9		ug/Kg		03/27/15 09:42	03/28/15 17:09	1
Chrysene	ND		4.9		ug/Kg		03/27/15 09:42	03/28/15 17:09	1
Dibenz(a,h)anthracene	ND		4.9		ug/Kg		03/27/15 09:42	03/28/15 17:09	1
Fluoranthene	ND		4.9		ug/Kg		03/27/15 09:42	03/28/15 17:09	1
Fluorene	ND		4.9		ug/Kg		03/27/15 09:42	03/28/15 17:09	1
Indeno[1,2,3-cd]pyrene	ND		4.9		ug/Kg		03/27/15 09:42	03/28/15 17:09	1
Naphthalene	ND		4.9		ug/Kg		03/27/15 09:42	03/28/15 17:09	1
Phenanthrene	ND		4.9		ug/Kg		03/27/15 09:42	03/28/15 17:09	1
Pyrene	ND		4.9		ug/Kg		03/27/15 09:42	03/28/15 17:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	66		33 - 120	03/27/15 09:42	03/28/15 17:09	1
Terphenyl-d14	90		35 - 146	03/27/15 09:42	03/28/15 17:09	1

**Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		49		ug/Kg		03/27/15 09:33	03/27/15 22:16	1
PCB-1221	ND		49		ug/Kg		03/27/15 09:33	03/27/15 22:16	1

TestAmerica Pleasanton

# Client Sample Results

Client: Pacific States Environmental  
 Project/Site: Washington Hospital

TestAmerica Job ID: 720-63685-1

**Client Sample ID: PS-1-10'**

**Lab Sample ID: 720-63685-3**

**Date Collected: 03/23/15 09:30**

**Matrix: Solid**

**Date Received: 03/23/15 16:32**

**Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1232	ND		49		ug/Kg		03/27/15 09:33	03/27/15 22:16	1
PCB-1242	ND		49		ug/Kg		03/27/15 09:33	03/27/15 22:16	1
PCB-1248	ND		49		ug/Kg		03/27/15 09:33	03/27/15 22:16	1
PCB-1254	ND		49		ug/Kg		03/27/15 09:33	03/27/15 22:16	1
PCB-1260	ND		49		ug/Kg		03/27/15 09:33	03/27/15 22:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro- <i>m</i> -xylene	82		45 - 132	03/27/15 09:33	03/27/15 22:16	1
DCB Decachlorobiphenyl	95		42 - 146	03/27/15 09:33	03/27/15 22:16	1



# Client Sample Results

Client: Pacific States Environmental  
Project/Site: Washington Hospital

TestAmerica Job ID: 720-63685-1

**Client Sample ID: PS-2-1'**

**Lab Sample ID: 720-63685-4**

**Date Collected: 03/23/15 09:44**

**Matrix: Solid**

**Date Received: 03/23/15 16:32**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		5.0		ug/Kg		03/27/15 10:00	03/27/15 15:15	1
Acetone	ND		50		ug/Kg		03/27/15 10:00	03/27/15 15:15	1
Benzene	ND		5.0		ug/Kg		03/27/15 10:00	03/27/15 15:15	1
Dichlorobromomethane	ND		5.0		ug/Kg		03/27/15 10:00	03/27/15 15:15	1
Bromobenzene	ND		5.0		ug/Kg		03/27/15 10:00	03/27/15 15:15	1
Chlorobromomethane	ND		20		ug/Kg		03/27/15 10:00	03/27/15 15:15	1
Bromoform	ND		5.0		ug/Kg		03/27/15 10:00	03/27/15 15:15	1
Bromomethane	ND		10		ug/Kg		03/27/15 10:00	03/27/15 15:15	1
2-Butanone (MEK)	ND		50		ug/Kg		03/27/15 10:00	03/27/15 15:15	1
n-Butylbenzene	ND		5.0		ug/Kg		03/27/15 10:00	03/27/15 15:15	1
sec-Butylbenzene	ND		5.0		ug/Kg		03/27/15 10:00	03/27/15 15:15	1
tert-Butylbenzene	ND		5.0		ug/Kg		03/27/15 10:00	03/27/15 15:15	1
Carbon disulfide	ND		5.0		ug/Kg		03/27/15 10:00	03/27/15 15:15	1
Carbon tetrachloride	ND		5.0		ug/Kg		03/27/15 10:00	03/27/15 15:15	1
Chlorobenzene	ND		5.0		ug/Kg		03/27/15 10:00	03/27/15 15:15	1
Chloroethane	ND		10		ug/Kg		03/27/15 10:00	03/27/15 15:15	1
Chloroform	ND		5.0		ug/Kg		03/27/15 10:00	03/27/15 15:15	1
Chloromethane	ND		10		ug/Kg		03/27/15 10:00	03/27/15 15:15	1
2-Chlorotoluene	ND		5.0		ug/Kg		03/27/15 10:00	03/27/15 15:15	1
4-Chlorotoluene	ND		5.0		ug/Kg		03/27/15 10:00	03/27/15 15:15	1
Chlorodibromomethane	ND		5.0		ug/Kg		03/27/15 10:00	03/27/15 15:15	1
1,2-Dichlorobenzene	ND		5.0		ug/Kg		03/27/15 10:00	03/27/15 15:15	1
1,3-Dichlorobenzene	ND		5.0		ug/Kg		03/27/15 10:00	03/27/15 15:15	1
1,4-Dichlorobenzene	ND		5.0		ug/Kg		03/27/15 10:00	03/27/15 15:15	1
1,3-Dichloropropane	ND		5.0		ug/Kg		03/27/15 10:00	03/27/15 15:15	1
1,1-Dichloropropene	ND		5.0		ug/Kg		03/27/15 10:00	03/27/15 15:15	1
1,2-Dibromo-3-Chloropropane	ND		10		ug/Kg		03/27/15 10:00	03/27/15 15:15	1
Ethylene Dibromide	ND		5.0		ug/Kg		03/27/15 10:00	03/27/15 15:15	1
Dibromomethane	ND		10		ug/Kg		03/27/15 10:00	03/27/15 15:15	1
Dichlorodifluoromethane	ND		10		ug/Kg		03/27/15 10:00	03/27/15 15:15	1
1,1-Dichloroethane	ND		5.0		ug/Kg		03/27/15 10:00	03/27/15 15:15	1
1,2-Dichloroethane	ND		5.0		ug/Kg		03/27/15 10:00	03/27/15 15:15	1
1,1-Dichloroethene	ND		5.0		ug/Kg		03/27/15 10:00	03/27/15 15:15	1
cis-1,2-Dichloroethene	ND		5.0		ug/Kg		03/27/15 10:00	03/27/15 15:15	1
trans-1,2-Dichloroethene	ND		5.0		ug/Kg		03/27/15 10:00	03/27/15 15:15	1
1,2-Dichloropropane	ND		5.0		ug/Kg		03/27/15 10:00	03/27/15 15:15	1
cis-1,3-Dichloropropene	ND		5.0		ug/Kg		03/27/15 10:00	03/27/15 15:15	1
trans-1,3-Dichloropropene	ND		5.0		ug/Kg		03/27/15 10:00	03/27/15 15:15	1
Ethylbenzene	ND		5.0		ug/Kg		03/27/15 10:00	03/27/15 15:15	1
Hexachlorobutadiene	ND		5.0		ug/Kg		03/27/15 10:00	03/27/15 15:15	1
2-Hexanone	ND		50		ug/Kg		03/27/15 10:00	03/27/15 15:15	1
Isopropylbenzene	ND		5.0		ug/Kg		03/27/15 10:00	03/27/15 15:15	1
4-Isopropyltoluene	ND		5.0		ug/Kg		03/27/15 10:00	03/27/15 15:15	1
Methylene Chloride	ND		10		ug/Kg		03/27/15 10:00	03/27/15 15:15	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/Kg		03/27/15 10:00	03/27/15 15:15	1
Naphthalene	ND		10		ug/Kg		03/27/15 10:00	03/27/15 15:15	1
N-Propylbenzene	ND		5.0		ug/Kg		03/27/15 10:00	03/27/15 15:15	1
Styrene	ND		5.0		ug/Kg		03/27/15 10:00	03/27/15 15:15	1
1,1,1,2-Tetrachloroethane	ND		5.0		ug/Kg		03/27/15 10:00	03/27/15 15:15	1

TestAmerica Pleasanton

# Client Sample Results

Client: Pacific States Environmental  
Project/Site: Washington Hospital

TestAmerica Job ID: 720-63685-1

**Client Sample ID: PS-2-1'**

**Lab Sample ID: 720-63685-4**

Date Collected: 03/23/15 09:44

Matrix: Solid

Date Received: 03/23/15 16:32

**Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		5.0		ug/Kg		03/27/15 10:00	03/27/15 15:15	1
Tetrachloroethene	ND		5.0		ug/Kg		03/27/15 10:00	03/27/15 15:15	1
Toluene	ND		5.0		ug/Kg		03/27/15 10:00	03/27/15 15:15	1
1,2,3-Trichlorobenzene	ND		5.0		ug/Kg		03/27/15 10:00	03/27/15 15:15	1
1,2,4-Trichlorobenzene	ND		5.0		ug/Kg		03/27/15 10:00	03/27/15 15:15	1
1,1,1-Trichloroethane	ND		5.0		ug/Kg		03/27/15 10:00	03/27/15 15:15	1
1,1,2-Trichloroethane	ND		5.0		ug/Kg		03/27/15 10:00	03/27/15 15:15	1
Trichloroethene	ND		5.0		ug/Kg		03/27/15 10:00	03/27/15 15:15	1
Trichlorofluoromethane	ND		5.0		ug/Kg		03/27/15 10:00	03/27/15 15:15	1
1,2,3-Trichloropropane	ND		5.0		ug/Kg		03/27/15 10:00	03/27/15 15:15	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0		ug/Kg		03/27/15 10:00	03/27/15 15:15	1
1,2,4-Trimethylbenzene	ND		5.0		ug/Kg		03/27/15 10:00	03/27/15 15:15	1
1,3,5-Trimethylbenzene	ND		5.0		ug/Kg		03/27/15 10:00	03/27/15 15:15	1
Vinyl acetate	ND		20		ug/Kg		03/27/15 10:00	03/27/15 15:15	1
Vinyl chloride	ND		5.0		ug/Kg		03/27/15 10:00	03/27/15 15:15	1
Xylenes, Total	ND		10		ug/Kg		03/27/15 10:00	03/27/15 15:15	1
2,2-Dichloropropane	ND		5.0		ug/Kg		03/27/15 10:00	03/27/15 15:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	90		45 - 131	03/27/15 10:00	03/27/15 15:15	1
1,2-Dichloroethane-d4 (Surr)	93		60 - 140	03/27/15 10:00	03/27/15 15:15	1
Toluene-d8 (Surr)	88		58 - 140	03/27/15 10:00	03/27/15 15:15	1

**Method: 8270C SIM - Semivolatile Organic Compounds (GC/MS SIM)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		4.9		ug/Kg		03/27/15 09:42	03/28/15 17:32	1
Acenaphthylene	ND		4.9		ug/Kg		03/27/15 09:42	03/28/15 17:32	1
Anthracene	ND		4.9		ug/Kg		03/27/15 09:42	03/28/15 17:32	1
Benzo[a]anthracene	ND		4.9		ug/Kg		03/27/15 09:42	03/28/15 17:32	1
Benzo[a]pyrene	ND		4.9		ug/Kg		03/27/15 09:42	03/28/15 17:32	1
Benzo[b]fluoranthene	ND		4.9		ug/Kg		03/27/15 09:42	03/28/15 17:32	1
Benzo[g,h,i]perylene	ND		4.9		ug/Kg		03/27/15 09:42	03/28/15 17:32	1
Benzo[k]fluoranthene	ND		4.9		ug/Kg		03/27/15 09:42	03/28/15 17:32	1
Chrysene	ND		4.9		ug/Kg		03/27/15 09:42	03/28/15 17:32	1
Dibenz(a,h)anthracene	ND		4.9		ug/Kg		03/27/15 09:42	03/28/15 17:32	1
Fluoranthene	ND		4.9		ug/Kg		03/27/15 09:42	03/28/15 17:32	1
Fluorene	ND		4.9		ug/Kg		03/27/15 09:42	03/28/15 17:32	1
Indeno[1,2,3-cd]pyrene	ND		4.9		ug/Kg		03/27/15 09:42	03/28/15 17:32	1
Naphthalene	ND		4.9		ug/Kg		03/27/15 09:42	03/28/15 17:32	1
Phenanthrene	ND		4.9		ug/Kg		03/27/15 09:42	03/28/15 17:32	1
Pyrene	ND		4.9		ug/Kg		03/27/15 09:42	03/28/15 17:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	66		33 - 120	03/27/15 09:42	03/28/15 17:32	1
Terphenyl-d14	88		35 - 146	03/27/15 09:42	03/28/15 17:32	1

**Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		50		ug/Kg		03/27/15 09:33	03/27/15 22:33	1
PCB-1221	ND		50		ug/Kg		03/27/15 09:33	03/27/15 22:33	1

TestAmerica Pleasanton

# Client Sample Results

Client: Pacific States Environmental  
 Project/Site: Washington Hospital

TestAmerica Job ID: 720-63685-1

**Client Sample ID: PS-2-1'**  
**Date Collected: 03/23/15 09:44**  
**Date Received: 03/23/15 16:32**

**Lab Sample ID: 720-63685-4**  
**Matrix: Solid**

**Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1232	ND		50		ug/Kg		03/27/15 09:33	03/27/15 22:33	1
PCB-1242	ND		50		ug/Kg		03/27/15 09:33	03/27/15 22:33	1
PCB-1248	ND		50		ug/Kg		03/27/15 09:33	03/27/15 22:33	1
PCB-1254	ND		50		ug/Kg		03/27/15 09:33	03/27/15 22:33	1
PCB-1260	ND		50		ug/Kg		03/27/15 09:33	03/27/15 22:33	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
<i>Tetrachloro-m-xylene</i>	94		45 - 132				03/27/15 09:33	03/27/15 22:33	1
<i>DCB Decachlorobiphenyl</i>	97		42 - 146				03/27/15 09:33	03/27/15 22:33	1



# Client Sample Results

Client: Pacific States Environmental  
Project/Site: Washington Hospital

TestAmerica Job ID: 720-63685-1

**Client Sample ID: PS-2-8'**

**Lab Sample ID: 720-63685-5**

**Date Collected: 03/23/15 09:55**

**Matrix: Solid**

**Date Received: 03/23/15 16:32**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		4.6		ug/Kg		03/27/15 10:00	03/27/15 15:45	1
Acetone	ND		46		ug/Kg		03/27/15 10:00	03/27/15 15:45	1
Benzene	ND		4.6		ug/Kg		03/27/15 10:00	03/27/15 15:45	1
Dichlorobromomethane	ND		4.6		ug/Kg		03/27/15 10:00	03/27/15 15:45	1
Bromobenzene	ND		4.6		ug/Kg		03/27/15 10:00	03/27/15 15:45	1
Chlorobromomethane	ND		18		ug/Kg		03/27/15 10:00	03/27/15 15:45	1
Bromoform	ND		4.6		ug/Kg		03/27/15 10:00	03/27/15 15:45	1
Bromomethane	ND		9.2		ug/Kg		03/27/15 10:00	03/27/15 15:45	1
2-Butanone (MEK)	ND		46		ug/Kg		03/27/15 10:00	03/27/15 15:45	1
n-Butylbenzene	ND		4.6		ug/Kg		03/27/15 10:00	03/27/15 15:45	1
sec-Butylbenzene	ND		4.6		ug/Kg		03/27/15 10:00	03/27/15 15:45	1
tert-Butylbenzene	ND		4.6		ug/Kg		03/27/15 10:00	03/27/15 15:45	1
Carbon disulfide	ND		4.6		ug/Kg		03/27/15 10:00	03/27/15 15:45	1
Carbon tetrachloride	ND		4.6		ug/Kg		03/27/15 10:00	03/27/15 15:45	1
Chlorobenzene	ND		4.6		ug/Kg		03/27/15 10:00	03/27/15 15:45	1
Chloroethane	ND		9.2		ug/Kg		03/27/15 10:00	03/27/15 15:45	1
Chloroform	ND		4.6		ug/Kg		03/27/15 10:00	03/27/15 15:45	1
Chloromethane	ND		9.2		ug/Kg		03/27/15 10:00	03/27/15 15:45	1
2-Chlorotoluene	ND		4.6		ug/Kg		03/27/15 10:00	03/27/15 15:45	1
4-Chlorotoluene	ND		4.6		ug/Kg		03/27/15 10:00	03/27/15 15:45	1
Chlorodibromomethane	ND		4.6		ug/Kg		03/27/15 10:00	03/27/15 15:45	1
1,2-Dichlorobenzene	ND		4.6		ug/Kg		03/27/15 10:00	03/27/15 15:45	1
1,3-Dichlorobenzene	ND		4.6		ug/Kg		03/27/15 10:00	03/27/15 15:45	1
1,4-Dichlorobenzene	ND		4.6		ug/Kg		03/27/15 10:00	03/27/15 15:45	1
1,3-Dichloropropane	ND		4.6		ug/Kg		03/27/15 10:00	03/27/15 15:45	1
1,1-Dichloropropene	ND		4.6		ug/Kg		03/27/15 10:00	03/27/15 15:45	1
1,2-Dibromo-3-Chloropropane	ND		9.2		ug/Kg		03/27/15 10:00	03/27/15 15:45	1
Ethylene Dibromide	ND		4.6		ug/Kg		03/27/15 10:00	03/27/15 15:45	1
Dibromomethane	ND		9.2		ug/Kg		03/27/15 10:00	03/27/15 15:45	1
Dichlorodifluoromethane	ND		9.2		ug/Kg		03/27/15 10:00	03/27/15 15:45	1
1,1-Dichloroethane	ND		4.6		ug/Kg		03/27/15 10:00	03/27/15 15:45	1
1,2-Dichloroethane	ND		4.6		ug/Kg		03/27/15 10:00	03/27/15 15:45	1
1,1-Dichloroethene	ND		4.6		ug/Kg		03/27/15 10:00	03/27/15 15:45	1
cis-1,2-Dichloroethene	ND		4.6		ug/Kg		03/27/15 10:00	03/27/15 15:45	1
trans-1,2-Dichloroethene	ND		4.6		ug/Kg		03/27/15 10:00	03/27/15 15:45	1
1,2-Dichloropropane	ND		4.6		ug/Kg		03/27/15 10:00	03/27/15 15:45	1
cis-1,3-Dichloropropene	ND		4.6		ug/Kg		03/27/15 10:00	03/27/15 15:45	1
trans-1,3-Dichloropropene	ND		4.6		ug/Kg		03/27/15 10:00	03/27/15 15:45	1
Ethylbenzene	ND		4.6		ug/Kg		03/27/15 10:00	03/27/15 15:45	1
Hexachlorobutadiene	ND		4.6		ug/Kg		03/27/15 10:00	03/27/15 15:45	1
2-Hexanone	ND		46		ug/Kg		03/27/15 10:00	03/27/15 15:45	1
Isopropylbenzene	ND		4.6		ug/Kg		03/27/15 10:00	03/27/15 15:45	1
4-Isopropyltoluene	ND		4.6		ug/Kg		03/27/15 10:00	03/27/15 15:45	1
Methylene Chloride	ND		9.2		ug/Kg		03/27/15 10:00	03/27/15 15:45	1
4-Methyl-2-pentanone (MIBK)	ND		46		ug/Kg		03/27/15 10:00	03/27/15 15:45	1
Naphthalene	ND		9.2		ug/Kg		03/27/15 10:00	03/27/15 15:45	1
N-Propylbenzene	ND		4.6		ug/Kg		03/27/15 10:00	03/27/15 15:45	1
Styrene	ND		4.6		ug/Kg		03/27/15 10:00	03/27/15 15:45	1
1,1,1,2-Tetrachloroethane	ND		4.6		ug/Kg		03/27/15 10:00	03/27/15 15:45	1

TestAmerica Pleasanton

# Client Sample Results

Client: Pacific States Environmental  
Project/Site: Washington Hospital

TestAmerica Job ID: 720-63685-1

**Client Sample ID: PS-2-8'**

**Lab Sample ID: 720-63685-5**

Date Collected: 03/23/15 09:55

Matrix: Solid

Date Received: 03/23/15 16:32

**Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		4.6		ug/Kg		03/27/15 10:00	03/27/15 15:45	1
Tetrachloroethene	ND		4.6		ug/Kg		03/27/15 10:00	03/27/15 15:45	1
Toluene	ND		4.6		ug/Kg		03/27/15 10:00	03/27/15 15:45	1
1,2,3-Trichlorobenzene	ND		4.6		ug/Kg		03/27/15 10:00	03/27/15 15:45	1
1,2,4-Trichlorobenzene	ND		4.6		ug/Kg		03/27/15 10:00	03/27/15 15:45	1
1,1,1-Trichloroethane	ND		4.6		ug/Kg		03/27/15 10:00	03/27/15 15:45	1
1,1,2-Trichloroethane	ND		4.6		ug/Kg		03/27/15 10:00	03/27/15 15:45	1
Trichloroethene	ND		4.6		ug/Kg		03/27/15 10:00	03/27/15 15:45	1
Trichlorofluoromethane	ND		4.6		ug/Kg		03/27/15 10:00	03/27/15 15:45	1
1,2,3-Trichloropropane	ND		4.6		ug/Kg		03/27/15 10:00	03/27/15 15:45	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.6		ug/Kg		03/27/15 10:00	03/27/15 15:45	1
1,2,4-Trimethylbenzene	ND		4.6		ug/Kg		03/27/15 10:00	03/27/15 15:45	1
1,3,5-Trimethylbenzene	ND		4.6		ug/Kg		03/27/15 10:00	03/27/15 15:45	1
Vinyl acetate	ND		18		ug/Kg		03/27/15 10:00	03/27/15 15:45	1
Vinyl chloride	ND		4.6		ug/Kg		03/27/15 10:00	03/27/15 15:45	1
Xylenes, Total	ND		9.2		ug/Kg		03/27/15 10:00	03/27/15 15:45	1
2,2-Dichloropropane	ND		4.6		ug/Kg		03/27/15 10:00	03/27/15 15:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	90		45 - 131	03/27/15 10:00	03/27/15 15:45	1
1,2-Dichloroethane-d4 (Surr)	93		60 - 140	03/27/15 10:00	03/27/15 15:45	1
Toluene-d8 (Surr)	86		58 - 140	03/27/15 10:00	03/27/15 15:45	1

**Method: 8270C SIM - Semivolatile Organic Compounds (GC/MS SIM)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		5.0		ug/Kg		03/27/15 09:42	03/28/15 17:56	1
Acenaphthylene	ND		5.0		ug/Kg		03/27/15 09:42	03/28/15 17:56	1
Anthracene	ND		5.0		ug/Kg		03/27/15 09:42	03/28/15 17:56	1
Benzo[a]anthracene	ND		5.0		ug/Kg		03/27/15 09:42	03/28/15 17:56	1
Benzo[a]pyrene	ND		5.0		ug/Kg		03/27/15 09:42	03/28/15 17:56	1
Benzo[b]fluoranthene	ND		5.0		ug/Kg		03/27/15 09:42	03/28/15 17:56	1
Benzo[g,h,i]perylene	ND		5.0		ug/Kg		03/27/15 09:42	03/28/15 17:56	1
Benzo[k]fluoranthene	ND		5.0		ug/Kg		03/27/15 09:42	03/28/15 17:56	1
Chrysene	ND		5.0		ug/Kg		03/27/15 09:42	03/28/15 17:56	1
Dibenz(a,h)anthracene	ND		5.0		ug/Kg		03/27/15 09:42	03/28/15 17:56	1
Fluoranthene	ND		5.0		ug/Kg		03/27/15 09:42	03/28/15 17:56	1
Fluorene	ND		5.0		ug/Kg		03/27/15 09:42	03/28/15 17:56	1
Indeno[1,2,3-cd]pyrene	ND		5.0		ug/Kg		03/27/15 09:42	03/28/15 17:56	1
Naphthalene	ND		5.0		ug/Kg		03/27/15 09:42	03/28/15 17:56	1
Phenanthrene	ND		5.0		ug/Kg		03/27/15 09:42	03/28/15 17:56	1
Pyrene	ND		5.0		ug/Kg		03/27/15 09:42	03/28/15 17:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	55		33 - 120	03/27/15 09:42	03/28/15 17:56	1
Terphenyl-d14	80		35 - 146	03/27/15 09:42	03/28/15 17:56	1

**Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		49		ug/Kg		03/27/15 09:33	03/27/15 22:49	1
PCB-1221	ND		49		ug/Kg		03/27/15 09:33	03/27/15 22:49	1

TestAmerica Pleasanton

# Client Sample Results

Client: Pacific States Environmental  
 Project/Site: Washington Hospital

TestAmerica Job ID: 720-63685-1

**Client Sample ID: PS-2-8'**  
**Date Collected: 03/23/15 09:55**  
**Date Received: 03/23/15 16:32**

**Lab Sample ID: 720-63685-5**  
**Matrix: Solid**

**Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1232	ND		49		ug/Kg		03/27/15 09:33	03/27/15 22:49	1
PCB-1242	ND		49		ug/Kg		03/27/15 09:33	03/27/15 22:49	1
PCB-1248	ND		49		ug/Kg		03/27/15 09:33	03/27/15 22:49	1
PCB-1254	ND		49		ug/Kg		03/27/15 09:33	03/27/15 22:49	1
PCB-1260	ND		49		ug/Kg		03/27/15 09:33	03/27/15 22:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
<i>Tetrachloro-m-xylene</i>	87		45 - 132				03/27/15 09:33	03/27/15 22:49	1
<i>DCB Decachlorobiphenyl</i>	93		42 - 146				03/27/15 09:33	03/27/15 22:49	1



# Client Sample Results

Client: Pacific States Environmental  
Project/Site: Washington Hospital

TestAmerica Job ID: 720-63685-1

**Client Sample ID: PS-3-2'**

**Lab Sample ID: 720-63685-7**

**Date Collected: 03/23/15 10:40**

**Matrix: Solid**

**Date Received: 03/23/15 16:32**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		4.8		ug/Kg		03/27/15 10:00	03/27/15 16:16	1
Acetone	ND		48		ug/Kg		03/27/15 10:00	03/27/15 16:16	1
Benzene	ND		4.8		ug/Kg		03/27/15 10:00	03/27/15 16:16	1
Dichlorobromomethane	ND		4.8		ug/Kg		03/27/15 10:00	03/27/15 16:16	1
Bromobenzene	ND		4.8		ug/Kg		03/27/15 10:00	03/27/15 16:16	1
Chlorobromomethane	ND		19		ug/Kg		03/27/15 10:00	03/27/15 16:16	1
Bromoform	ND		4.8		ug/Kg		03/27/15 10:00	03/27/15 16:16	1
Bromomethane	ND		9.7		ug/Kg		03/27/15 10:00	03/27/15 16:16	1
2-Butanone (MEK)	ND		48		ug/Kg		03/27/15 10:00	03/27/15 16:16	1
n-Butylbenzene	ND		4.8		ug/Kg		03/27/15 10:00	03/27/15 16:16	1
sec-Butylbenzene	ND		4.8		ug/Kg		03/27/15 10:00	03/27/15 16:16	1
tert-Butylbenzene	ND		4.8		ug/Kg		03/27/15 10:00	03/27/15 16:16	1
Carbon disulfide	ND		4.8		ug/Kg		03/27/15 10:00	03/27/15 16:16	1
Carbon tetrachloride	ND		4.8		ug/Kg		03/27/15 10:00	03/27/15 16:16	1
Chlorobenzene	ND		4.8		ug/Kg		03/27/15 10:00	03/27/15 16:16	1
Chloroethane	ND		9.7		ug/Kg		03/27/15 10:00	03/27/15 16:16	1
Chloroform	ND		4.8		ug/Kg		03/27/15 10:00	03/27/15 16:16	1
Chloromethane	ND		9.7		ug/Kg		03/27/15 10:00	03/27/15 16:16	1
2-Chlorotoluene	ND		4.8		ug/Kg		03/27/15 10:00	03/27/15 16:16	1
4-Chlorotoluene	ND		4.8		ug/Kg		03/27/15 10:00	03/27/15 16:16	1
Chlorodibromomethane	ND		4.8		ug/Kg		03/27/15 10:00	03/27/15 16:16	1
1,2-Dichlorobenzene	ND		4.8		ug/Kg		03/27/15 10:00	03/27/15 16:16	1
1,3-Dichlorobenzene	ND		4.8		ug/Kg		03/27/15 10:00	03/27/15 16:16	1
1,4-Dichlorobenzene	ND		4.8		ug/Kg		03/27/15 10:00	03/27/15 16:16	1
1,3-Dichloropropane	ND		4.8		ug/Kg		03/27/15 10:00	03/27/15 16:16	1
1,1-Dichloropropene	ND		4.8		ug/Kg		03/27/15 10:00	03/27/15 16:16	1
1,2-Dibromo-3-Chloropropane	ND		9.7		ug/Kg		03/27/15 10:00	03/27/15 16:16	1
Ethylene Dibromide	ND		4.8		ug/Kg		03/27/15 10:00	03/27/15 16:16	1
Dibromomethane	ND		9.7		ug/Kg		03/27/15 10:00	03/27/15 16:16	1
Dichlorodifluoromethane	ND		9.7		ug/Kg		03/27/15 10:00	03/27/15 16:16	1
1,1-Dichloroethane	ND		4.8		ug/Kg		03/27/15 10:00	03/27/15 16:16	1
1,2-Dichloroethane	ND		4.8		ug/Kg		03/27/15 10:00	03/27/15 16:16	1
1,1-Dichloroethene	ND		4.8		ug/Kg		03/27/15 10:00	03/27/15 16:16	1
cis-1,2-Dichloroethene	ND		4.8		ug/Kg		03/27/15 10:00	03/27/15 16:16	1
trans-1,2-Dichloroethene	ND		4.8		ug/Kg		03/27/15 10:00	03/27/15 16:16	1
1,2-Dichloropropane	ND		4.8		ug/Kg		03/27/15 10:00	03/27/15 16:16	1
cis-1,3-Dichloropropene	ND		4.8		ug/Kg		03/27/15 10:00	03/27/15 16:16	1
trans-1,3-Dichloropropene	ND		4.8		ug/Kg		03/27/15 10:00	03/27/15 16:16	1
Ethylbenzene	ND		4.8		ug/Kg		03/27/15 10:00	03/27/15 16:16	1
Hexachlorobutadiene	ND		4.8		ug/Kg		03/27/15 10:00	03/27/15 16:16	1
2-Hexanone	ND		48		ug/Kg		03/27/15 10:00	03/27/15 16:16	1
Isopropylbenzene	ND		4.8		ug/Kg		03/27/15 10:00	03/27/15 16:16	1
4-Isopropyltoluene	ND		4.8		ug/Kg		03/27/15 10:00	03/27/15 16:16	1
Methylene Chloride	ND		9.7		ug/Kg		03/27/15 10:00	03/27/15 16:16	1
4-Methyl-2-pentanone (MIBK)	ND		48		ug/Kg		03/27/15 10:00	03/27/15 16:16	1
Naphthalene	ND		9.7		ug/Kg		03/27/15 10:00	03/27/15 16:16	1
N-Propylbenzene	ND		4.8		ug/Kg		03/27/15 10:00	03/27/15 16:16	1
Styrene	ND		4.8		ug/Kg		03/27/15 10:00	03/27/15 16:16	1
1,1,1,2-Tetrachloroethane	ND		4.8		ug/Kg		03/27/15 10:00	03/27/15 16:16	1

TestAmerica Pleasanton

# Client Sample Results

Client: Pacific States Environmental  
Project/Site: Washington Hospital

TestAmerica Job ID: 720-63685-1

**Client Sample ID: PS-3-2'**

**Lab Sample ID: 720-63685-7**

Date Collected: 03/23/15 10:40

Matrix: Solid

Date Received: 03/23/15 16:32

### Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		4.8		ug/Kg		03/27/15 10:00	03/27/15 16:16	1
Tetrachloroethene	ND		4.8		ug/Kg		03/27/15 10:00	03/27/15 16:16	1
Toluene	ND		4.8		ug/Kg		03/27/15 10:00	03/27/15 16:16	1
1,2,3-Trichlorobenzene	ND		4.8		ug/Kg		03/27/15 10:00	03/27/15 16:16	1
1,2,4-Trichlorobenzene	ND		4.8		ug/Kg		03/27/15 10:00	03/27/15 16:16	1
1,1,1-Trichloroethane	ND		4.8		ug/Kg		03/27/15 10:00	03/27/15 16:16	1
1,1,2-Trichloroethane	ND		4.8		ug/Kg		03/27/15 10:00	03/27/15 16:16	1
Trichloroethene	ND		4.8		ug/Kg		03/27/15 10:00	03/27/15 16:16	1
Trichlorofluoromethane	ND		4.8		ug/Kg		03/27/15 10:00	03/27/15 16:16	1
1,2,3-Trichloropropane	ND		4.8		ug/Kg		03/27/15 10:00	03/27/15 16:16	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.8		ug/Kg		03/27/15 10:00	03/27/15 16:16	1
1,2,4-Trimethylbenzene	ND		4.8		ug/Kg		03/27/15 10:00	03/27/15 16:16	1
1,3,5-Trimethylbenzene	ND		4.8		ug/Kg		03/27/15 10:00	03/27/15 16:16	1
Vinyl acetate	ND		19		ug/Kg		03/27/15 10:00	03/27/15 16:16	1
Vinyl chloride	ND		4.8		ug/Kg		03/27/15 10:00	03/27/15 16:16	1
Xylenes, Total	ND		9.7		ug/Kg		03/27/15 10:00	03/27/15 16:16	1
2,2-Dichloropropane	ND		4.8		ug/Kg		03/27/15 10:00	03/27/15 16:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	88		45 - 131	03/27/15 10:00	03/27/15 16:16	1
1,2-Dichloroethane-d4 (Surr)	94		60 - 140	03/27/15 10:00	03/27/15 16:16	1
Toluene-d8 (Surr)	85		58 - 140	03/27/15 10:00	03/27/15 16:16	1

### Method: 8270C SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		5.0		ug/Kg		03/27/15 09:42	03/28/15 18:19	1
<b>Acenaphthylene</b>	<b>12</b>		5.0		ug/Kg		03/27/15 09:42	03/28/15 18:19	1
<b>Anthracene</b>	<b>7.2</b>		5.0		ug/Kg		03/27/15 09:42	03/28/15 18:19	1
<b>Benzo[a]anthracene</b>	<b>21</b>		5.0		ug/Kg		03/27/15 09:42	03/28/15 18:19	1
<b>Benzo[a]pyrene</b>	<b>24</b>		5.0		ug/Kg		03/27/15 09:42	03/28/15 18:19	1
<b>Benzo[b]fluoranthene</b>	<b>31</b>		5.0		ug/Kg		03/27/15 09:42	03/28/15 18:19	1
<b>Benzo[g,h,i]perylene</b>	<b>16</b>		5.0		ug/Kg		03/27/15 09:42	03/28/15 18:19	1
<b>Benzo[k]fluoranthene</b>	<b>11</b>		5.0		ug/Kg		03/27/15 09:42	03/28/15 18:19	1
<b>Chrysene</b>	<b>38</b>		5.0		ug/Kg		03/27/15 09:42	03/28/15 18:19	1
Dibenz(a,h)anthracene	ND		5.0		ug/Kg		03/27/15 09:42	03/28/15 18:19	1
<b>Fluoranthene</b>	<b>47</b>		5.0		ug/Kg		03/27/15 09:42	03/28/15 18:19	1
Fluorene	ND		5.0		ug/Kg		03/27/15 09:42	03/28/15 18:19	1
<b>Indeno[1,2,3-cd]pyrene</b>	<b>12</b>		5.0		ug/Kg		03/27/15 09:42	03/28/15 18:19	1
Naphthalene	ND		5.0		ug/Kg		03/27/15 09:42	03/28/15 18:19	1
<b>Phenanthrene</b>	<b>32</b>		5.0		ug/Kg		03/27/15 09:42	03/28/15 18:19	1
<b>Pyrene</b>	<b>86</b>		5.0		ug/Kg		03/27/15 09:42	03/28/15 18:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	65		33 - 120	03/27/15 09:42	03/28/15 18:19	1
Terphenyl-d14	85		35 - 146	03/27/15 09:42	03/28/15 18:19	1

### Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		49		ug/Kg		03/27/15 09:33	03/27/15 23:06	1
PCB-1221	ND		49		ug/Kg		03/27/15 09:33	03/27/15 23:06	1

TestAmerica Pleasanton



# Client Sample Results

Client: Pacific States Environmental  
 Project/Site: Washington Hospital

TestAmerica Job ID: 720-63685-1

**Client Sample ID: PS-3-2'**  
**Date Collected: 03/23/15 10:40**  
**Date Received: 03/23/15 16:32**

**Lab Sample ID: 720-63685-7**  
**Matrix: Solid**

**Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1232	ND		49		ug/Kg		03/27/15 09:33	03/27/15 23:06	1
PCB-1242	ND		49		ug/Kg		03/27/15 09:33	03/27/15 23:06	1
PCB-1248	ND		49		ug/Kg		03/27/15 09:33	03/27/15 23:06	1
PCB-1254	ND		49		ug/Kg		03/27/15 09:33	03/27/15 23:06	1
PCB-1260	ND		49		ug/Kg		03/27/15 09:33	03/27/15 23:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
<i>Tetrachloro-m-xylene</i>	88		45 - 132				03/27/15 09:33	03/27/15 23:06	1
<i>DCB Decachlorobiphenyl</i>	94		42 - 146				03/27/15 09:33	03/27/15 23:06	1



# Client Sample Results

Client: Pacific States Environmental  
Project/Site: Washington Hospital

TestAmerica Job ID: 720-63685-1

**Client Sample ID: PS-3-15'**

**Lab Sample ID: 720-63685-9**

**Date Collected: 03/23/15 10:52**

**Matrix: Solid**

**Date Received: 03/23/15 16:32**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		4.8		ug/Kg		03/27/15 10:00	03/27/15 16:47	1
Acetone	ND		48		ug/Kg		03/27/15 10:00	03/27/15 16:47	1
Benzene	ND		4.8		ug/Kg		03/27/15 10:00	03/27/15 16:47	1
Dichlorobromomethane	ND		4.8		ug/Kg		03/27/15 10:00	03/27/15 16:47	1
Bromobenzene	ND		4.8		ug/Kg		03/27/15 10:00	03/27/15 16:47	1
Chlorobromomethane	ND		19		ug/Kg		03/27/15 10:00	03/27/15 16:47	1
Bromoform	ND		4.8		ug/Kg		03/27/15 10:00	03/27/15 16:47	1
Bromomethane	ND		9.6		ug/Kg		03/27/15 10:00	03/27/15 16:47	1
2-Butanone (MEK)	ND		48		ug/Kg		03/27/15 10:00	03/27/15 16:47	1
n-Butylbenzene	ND		4.8		ug/Kg		03/27/15 10:00	03/27/15 16:47	1
sec-Butylbenzene	ND		4.8		ug/Kg		03/27/15 10:00	03/27/15 16:47	1
tert-Butylbenzene	ND		4.8		ug/Kg		03/27/15 10:00	03/27/15 16:47	1
Carbon disulfide	ND		4.8		ug/Kg		03/27/15 10:00	03/27/15 16:47	1
Carbon tetrachloride	ND		4.8		ug/Kg		03/27/15 10:00	03/27/15 16:47	1
Chlorobenzene	ND		4.8		ug/Kg		03/27/15 10:00	03/27/15 16:47	1
Chloroethane	ND		9.6		ug/Kg		03/27/15 10:00	03/27/15 16:47	1
Chloroform	ND		4.8		ug/Kg		03/27/15 10:00	03/27/15 16:47	1
Chloromethane	ND		9.6		ug/Kg		03/27/15 10:00	03/27/15 16:47	1
2-Chlorotoluene	ND		4.8		ug/Kg		03/27/15 10:00	03/27/15 16:47	1
4-Chlorotoluene	ND		4.8		ug/Kg		03/27/15 10:00	03/27/15 16:47	1
Chlorodibromomethane	ND		4.8		ug/Kg		03/27/15 10:00	03/27/15 16:47	1
1,2-Dichlorobenzene	ND		4.8		ug/Kg		03/27/15 10:00	03/27/15 16:47	1
1,3-Dichlorobenzene	ND		4.8		ug/Kg		03/27/15 10:00	03/27/15 16:47	1
1,4-Dichlorobenzene	ND		4.8		ug/Kg		03/27/15 10:00	03/27/15 16:47	1
1,3-Dichloropropane	ND		4.8		ug/Kg		03/27/15 10:00	03/27/15 16:47	1
1,1-Dichloropropene	ND		4.8		ug/Kg		03/27/15 10:00	03/27/15 16:47	1
1,2-Dibromo-3-Chloropropane	ND		9.6		ug/Kg		03/27/15 10:00	03/27/15 16:47	1
Ethylene Dibromide	ND		4.8		ug/Kg		03/27/15 10:00	03/27/15 16:47	1
Dibromomethane	ND		9.6		ug/Kg		03/27/15 10:00	03/27/15 16:47	1
Dichlorodifluoromethane	ND		9.6		ug/Kg		03/27/15 10:00	03/27/15 16:47	1
1,1-Dichloroethane	ND		4.8		ug/Kg		03/27/15 10:00	03/27/15 16:47	1
1,2-Dichloroethane	ND		4.8		ug/Kg		03/27/15 10:00	03/27/15 16:47	1
1,1-Dichloroethene	ND		4.8		ug/Kg		03/27/15 10:00	03/27/15 16:47	1
cis-1,2-Dichloroethene	ND		4.8		ug/Kg		03/27/15 10:00	03/27/15 16:47	1
trans-1,2-Dichloroethene	ND		4.8		ug/Kg		03/27/15 10:00	03/27/15 16:47	1
1,2-Dichloropropane	ND		4.8		ug/Kg		03/27/15 10:00	03/27/15 16:47	1
cis-1,3-Dichloropropene	ND		4.8		ug/Kg		03/27/15 10:00	03/27/15 16:47	1
trans-1,3-Dichloropropene	ND		4.8		ug/Kg		03/27/15 10:00	03/27/15 16:47	1
Ethylbenzene	ND		4.8		ug/Kg		03/27/15 10:00	03/27/15 16:47	1
Hexachlorobutadiene	ND		4.8		ug/Kg		03/27/15 10:00	03/27/15 16:47	1
2-Hexanone	ND		48		ug/Kg		03/27/15 10:00	03/27/15 16:47	1
Isopropylbenzene	ND		4.8		ug/Kg		03/27/15 10:00	03/27/15 16:47	1
4-Isopropyltoluene	ND		4.8		ug/Kg		03/27/15 10:00	03/27/15 16:47	1
Methylene Chloride	ND		9.6		ug/Kg		03/27/15 10:00	03/27/15 16:47	1
4-Methyl-2-pentanone (MIBK)	ND		48		ug/Kg		03/27/15 10:00	03/27/15 16:47	1
Naphthalene	ND		9.6		ug/Kg		03/27/15 10:00	03/27/15 16:47	1
N-Propylbenzene	ND		4.8		ug/Kg		03/27/15 10:00	03/27/15 16:47	1
Styrene	ND		4.8		ug/Kg		03/27/15 10:00	03/27/15 16:47	1
1,1,1,2-Tetrachloroethane	ND		4.8		ug/Kg		03/27/15 10:00	03/27/15 16:47	1

TestAmerica Pleasanton

# Client Sample Results

Client: Pacific States Environmental  
Project/Site: Washington Hospital

TestAmerica Job ID: 720-63685-1

**Client Sample ID: PS-3-15'**

**Lab Sample ID: 720-63685-9**

Date Collected: 03/23/15 10:52

Matrix: Solid

Date Received: 03/23/15 16:32

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		4.8		ug/Kg		03/27/15 10:00	03/27/15 16:47	1
Tetrachloroethene	ND		4.8		ug/Kg		03/27/15 10:00	03/27/15 16:47	1
Toluene	ND		4.8		ug/Kg		03/27/15 10:00	03/27/15 16:47	1
1,2,3-Trichlorobenzene	ND		4.8		ug/Kg		03/27/15 10:00	03/27/15 16:47	1
1,2,4-Trichlorobenzene	ND		4.8		ug/Kg		03/27/15 10:00	03/27/15 16:47	1
1,1,1-Trichloroethane	ND		4.8		ug/Kg		03/27/15 10:00	03/27/15 16:47	1
1,1,2-Trichloroethane	ND		4.8		ug/Kg		03/27/15 10:00	03/27/15 16:47	1
Trichloroethene	ND		4.8		ug/Kg		03/27/15 10:00	03/27/15 16:47	1
Trichlorofluoromethane	ND		4.8		ug/Kg		03/27/15 10:00	03/27/15 16:47	1
1,2,3-Trichloropropane	ND		4.8		ug/Kg		03/27/15 10:00	03/27/15 16:47	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.8		ug/Kg		03/27/15 10:00	03/27/15 16:47	1
1,2,4-Trimethylbenzene	ND		4.8		ug/Kg		03/27/15 10:00	03/27/15 16:47	1
1,3,5-Trimethylbenzene	ND		4.8		ug/Kg		03/27/15 10:00	03/27/15 16:47	1
Vinyl acetate	ND		19		ug/Kg		03/27/15 10:00	03/27/15 16:47	1
Vinyl chloride	ND		4.8		ug/Kg		03/27/15 10:00	03/27/15 16:47	1
Xylenes, Total	ND		9.6		ug/Kg		03/27/15 10:00	03/27/15 16:47	1
2,2-Dichloropropane	ND		4.8		ug/Kg		03/27/15 10:00	03/27/15 16:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	89		45 - 131	03/27/15 10:00	03/27/15 16:47	1
1,2-Dichloroethane-d4 (Surr)	95		60 - 140	03/27/15 10:00	03/27/15 16:47	1
Toluene-d8 (Surr)	86		58 - 140	03/27/15 10:00	03/27/15 16:47	1

## Method: 8270C SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		5.0		ug/Kg		03/27/15 09:42	03/28/15 16:23	1
Acenaphthylene	ND		5.0		ug/Kg		03/27/15 09:42	03/28/15 16:23	1
Anthracene	ND		5.0		ug/Kg		03/27/15 09:42	03/28/15 16:23	1
Benzo[a]anthracene	ND		5.0		ug/Kg		03/27/15 09:42	03/28/15 16:23	1
Benzo[a]pyrene	ND		5.0		ug/Kg		03/27/15 09:42	03/28/15 16:23	1
Benzo[b]fluoranthene	ND		5.0		ug/Kg		03/27/15 09:42	03/28/15 16:23	1
Benzo[g,h,i]perylene	ND		5.0		ug/Kg		03/27/15 09:42	03/28/15 16:23	1
Benzo[k]fluoranthene	ND		5.0		ug/Kg		03/27/15 09:42	03/28/15 16:23	1
Chrysene	ND		5.0		ug/Kg		03/27/15 09:42	03/28/15 16:23	1
Dibenz(a,h)anthracene	ND		5.0		ug/Kg		03/27/15 09:42	03/28/15 16:23	1
Fluoranthene	ND		5.0		ug/Kg		03/27/15 09:42	03/28/15 16:23	1
Fluorene	ND		5.0		ug/Kg		03/27/15 09:42	03/28/15 16:23	1
Indeno[1,2,3-cd]pyrene	ND		5.0		ug/Kg		03/27/15 09:42	03/28/15 16:23	1
Naphthalene	ND		5.0		ug/Kg		03/27/15 09:42	03/28/15 16:23	1
Phenanthrene	ND		5.0		ug/Kg		03/27/15 09:42	03/28/15 16:23	1
Pyrene	ND		5.0		ug/Kg		03/27/15 09:42	03/28/15 16:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	63		33 - 120	03/27/15 09:42	03/28/15 16:23	1
Terphenyl-d14	92		35 - 146	03/27/15 09:42	03/28/15 16:23	1

## Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		49		ug/Kg		03/27/15 09:33	03/27/15 23:23	1
PCB-1221	ND		49		ug/Kg		03/27/15 09:33	03/27/15 23:23	1

TestAmerica Pleasanton

# Client Sample Results

Client: Pacific States Environmental  
 Project/Site: Washington Hospital

TestAmerica Job ID: 720-63685-1

**Client Sample ID: PS-3-15'**

**Lab Sample ID: 720-63685-9**

**Date Collected: 03/23/15 10:52**

**Matrix: Solid**

**Date Received: 03/23/15 16:32**

**Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1232	ND		49		ug/Kg		03/27/15 09:33	03/27/15 23:23	1
PCB-1242	ND		49		ug/Kg		03/27/15 09:33	03/27/15 23:23	1
PCB-1248	ND		49		ug/Kg		03/27/15 09:33	03/27/15 23:23	1
PCB-1254	ND		49		ug/Kg		03/27/15 09:33	03/27/15 23:23	1
PCB-1260	ND		49		ug/Kg		03/27/15 09:33	03/27/15 23:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro- <i>m</i> -xylene	89		45 - 132	03/27/15 09:33	03/27/15 23:23	1
DCB Decachlorobiphenyl	101		42 - 146	03/27/15 09:33	03/27/15 23:23	1

# Client Sample Results

Client: Pacific States Environmental  
Project/Site: Washington Hospital

TestAmerica Job ID: 720-63685-1

**Client Sample ID: PS-4-2'**

**Lab Sample ID: 720-63685-10**

**Date Collected: 03/23/15 11:00**

**Matrix: Solid**

**Date Received: 03/23/15 16:32**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		4.8		ug/Kg		03/27/15 10:00	03/27/15 17:19	1
Acetone	ND		48		ug/Kg		03/27/15 10:00	03/27/15 17:19	1
Benzene	ND		4.8		ug/Kg		03/27/15 10:00	03/27/15 17:19	1
Dichlorobromomethane	ND		4.8		ug/Kg		03/27/15 10:00	03/27/15 17:19	1
Bromobenzene	ND		4.8		ug/Kg		03/27/15 10:00	03/27/15 17:19	1
Chlorobromomethane	ND		19		ug/Kg		03/27/15 10:00	03/27/15 17:19	1
Bromoform	ND		4.8		ug/Kg		03/27/15 10:00	03/27/15 17:19	1
Bromomethane	ND		9.6		ug/Kg		03/27/15 10:00	03/27/15 17:19	1
2-Butanone (MEK)	ND		48		ug/Kg		03/27/15 10:00	03/27/15 17:19	1
n-Butylbenzene	ND		4.8		ug/Kg		03/27/15 10:00	03/27/15 17:19	1
sec-Butylbenzene	ND		4.8		ug/Kg		03/27/15 10:00	03/27/15 17:19	1
tert-Butylbenzene	ND		4.8		ug/Kg		03/27/15 10:00	03/27/15 17:19	1
Carbon disulfide	ND		4.8		ug/Kg		03/27/15 10:00	03/27/15 17:19	1
Carbon tetrachloride	ND		4.8		ug/Kg		03/27/15 10:00	03/27/15 17:19	1
Chlorobenzene	ND		4.8		ug/Kg		03/27/15 10:00	03/27/15 17:19	1
Chloroethane	ND		9.6		ug/Kg		03/27/15 10:00	03/27/15 17:19	1
Chloroform	ND		4.8		ug/Kg		03/27/15 10:00	03/27/15 17:19	1
Chloromethane	ND		9.6		ug/Kg		03/27/15 10:00	03/27/15 17:19	1
2-Chlorotoluene	ND		4.8		ug/Kg		03/27/15 10:00	03/27/15 17:19	1
4-Chlorotoluene	ND		4.8		ug/Kg		03/27/15 10:00	03/27/15 17:19	1
Chlorodibromomethane	ND		4.8		ug/Kg		03/27/15 10:00	03/27/15 17:19	1
1,2-Dichlorobenzene	ND		4.8		ug/Kg		03/27/15 10:00	03/27/15 17:19	1
1,3-Dichlorobenzene	ND		4.8		ug/Kg		03/27/15 10:00	03/27/15 17:19	1
1,4-Dichlorobenzene	ND		4.8		ug/Kg		03/27/15 10:00	03/27/15 17:19	1
1,3-Dichloropropane	ND		4.8		ug/Kg		03/27/15 10:00	03/27/15 17:19	1
1,1-Dichloropropene	ND		4.8		ug/Kg		03/27/15 10:00	03/27/15 17:19	1
1,2-Dibromo-3-Chloropropane	ND		9.6		ug/Kg		03/27/15 10:00	03/27/15 17:19	1
Ethylene Dibromide	ND		4.8		ug/Kg		03/27/15 10:00	03/27/15 17:19	1
Dibromomethane	ND		9.6		ug/Kg		03/27/15 10:00	03/27/15 17:19	1
Dichlorodifluoromethane	ND		9.6		ug/Kg		03/27/15 10:00	03/27/15 17:19	1
1,1-Dichloroethane	ND		4.8		ug/Kg		03/27/15 10:00	03/27/15 17:19	1
1,2-Dichloroethane	ND		4.8		ug/Kg		03/27/15 10:00	03/27/15 17:19	1
1,1-Dichloroethene	ND		4.8		ug/Kg		03/27/15 10:00	03/27/15 17:19	1
cis-1,2-Dichloroethene	ND		4.8		ug/Kg		03/27/15 10:00	03/27/15 17:19	1
trans-1,2-Dichloroethene	ND		4.8		ug/Kg		03/27/15 10:00	03/27/15 17:19	1
1,2-Dichloropropane	ND		4.8		ug/Kg		03/27/15 10:00	03/27/15 17:19	1
cis-1,3-Dichloropropene	ND		4.8		ug/Kg		03/27/15 10:00	03/27/15 17:19	1
trans-1,3-Dichloropropene	ND		4.8		ug/Kg		03/27/15 10:00	03/27/15 17:19	1
Ethylbenzene	ND		4.8		ug/Kg		03/27/15 10:00	03/27/15 17:19	1
Hexachlorobutadiene	ND		4.8		ug/Kg		03/27/15 10:00	03/27/15 17:19	1
2-Hexanone	ND		48		ug/Kg		03/27/15 10:00	03/27/15 17:19	1
Isopropylbenzene	ND		4.8		ug/Kg		03/27/15 10:00	03/27/15 17:19	1
4-Isopropyltoluene	ND		4.8		ug/Kg		03/27/15 10:00	03/27/15 17:19	1
Methylene Chloride	ND		9.6		ug/Kg		03/27/15 10:00	03/27/15 17:19	1
4-Methyl-2-pentanone (MIBK)	ND		48		ug/Kg		03/27/15 10:00	03/27/15 17:19	1
Naphthalene	ND		9.6		ug/Kg		03/27/15 10:00	03/27/15 17:19	1
N-Propylbenzene	ND		4.8		ug/Kg		03/27/15 10:00	03/27/15 17:19	1
Styrene	ND		4.8		ug/Kg		03/27/15 10:00	03/27/15 17:19	1
1,1,1,2-Tetrachloroethane	ND		4.8		ug/Kg		03/27/15 10:00	03/27/15 17:19	1

TestAmerica Pleasanton

# Client Sample Results

Client: Pacific States Environmental  
Project/Site: Washington Hospital

TestAmerica Job ID: 720-63685-1

**Client Sample ID: PS-4-2'**

**Lab Sample ID: 720-63685-10**

Date Collected: 03/23/15 11:00

Matrix: Solid

Date Received: 03/23/15 16:32

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		4.8		ug/Kg		03/27/15 10:00	03/27/15 17:19	1
Tetrachloroethene	ND		4.8		ug/Kg		03/27/15 10:00	03/27/15 17:19	1
Toluene	ND		4.8		ug/Kg		03/27/15 10:00	03/27/15 17:19	1
1,2,3-Trichlorobenzene	ND		4.8		ug/Kg		03/27/15 10:00	03/27/15 17:19	1
1,2,4-Trichlorobenzene	ND		4.8		ug/Kg		03/27/15 10:00	03/27/15 17:19	1
1,1,1-Trichloroethane	ND		4.8		ug/Kg		03/27/15 10:00	03/27/15 17:19	1
1,1,2-Trichloroethane	ND		4.8		ug/Kg		03/27/15 10:00	03/27/15 17:19	1
Trichloroethene	ND		4.8		ug/Kg		03/27/15 10:00	03/27/15 17:19	1
Trichlorofluoromethane	ND		4.8		ug/Kg		03/27/15 10:00	03/27/15 17:19	1
1,2,3-Trichloropropane	ND		4.8		ug/Kg		03/27/15 10:00	03/27/15 17:19	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.8		ug/Kg		03/27/15 10:00	03/27/15 17:19	1
1,2,4-Trimethylbenzene	ND		4.8		ug/Kg		03/27/15 10:00	03/27/15 17:19	1
1,3,5-Trimethylbenzene	ND		4.8		ug/Kg		03/27/15 10:00	03/27/15 17:19	1
Vinyl acetate	ND		19		ug/Kg		03/27/15 10:00	03/27/15 17:19	1
Vinyl chloride	ND		4.8		ug/Kg		03/27/15 10:00	03/27/15 17:19	1
Xylenes, Total	ND		9.6		ug/Kg		03/27/15 10:00	03/27/15 17:19	1
2,2-Dichloropropane	ND		4.8		ug/Kg		03/27/15 10:00	03/27/15 17:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	91		45 - 131	03/27/15 10:00	03/27/15 17:19	1
1,2-Dichloroethane-d4 (Surr)	103		60 - 140	03/27/15 10:00	03/27/15 17:19	1
Toluene-d8 (Surr)	87		58 - 140	03/27/15 10:00	03/27/15 17:19	1

## Method: 8270C SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		4.9		ug/Kg		03/27/15 09:42	03/28/15 18:42	1
Acenaphthylene	ND		4.9		ug/Kg		03/27/15 09:42	03/28/15 18:42	1
Anthracene	ND		4.9		ug/Kg		03/27/15 09:42	03/28/15 18:42	1
Benzo[a]anthracene	ND		4.9		ug/Kg		03/27/15 09:42	03/28/15 18:42	1
Benzo[a]pyrene	ND		4.9		ug/Kg		03/27/15 09:42	03/28/15 18:42	1
<b>Benzo[b]fluoranthene</b>	<b>6.0</b>		4.9		ug/Kg		03/27/15 09:42	03/28/15 18:42	1
Benzo[g,h,i]perylene	ND		4.9		ug/Kg		03/27/15 09:42	03/28/15 18:42	1
Benzo[k]fluoranthene	ND		4.9		ug/Kg		03/27/15 09:42	03/28/15 18:42	1
Chrysene	ND		4.9		ug/Kg		03/27/15 09:42	03/28/15 18:42	1
Dibenz(a,h)anthracene	ND		4.9		ug/Kg		03/27/15 09:42	03/28/15 18:42	1
Fluoranthene	ND		4.9		ug/Kg		03/27/15 09:42	03/28/15 18:42	1
Fluorene	ND		4.9		ug/Kg		03/27/15 09:42	03/28/15 18:42	1
Indeno[1,2,3-cd]pyrene	ND		4.9		ug/Kg		03/27/15 09:42	03/28/15 18:42	1
Naphthalene	ND		4.9		ug/Kg		03/27/15 09:42	03/28/15 18:42	1
Phenanthrene	ND		4.9		ug/Kg		03/27/15 09:42	03/28/15 18:42	1
Pyrene	ND		4.9		ug/Kg		03/27/15 09:42	03/28/15 18:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	70		33 - 120	03/27/15 09:42	03/28/15 18:42	1
Terphenyl-d14	91		35 - 146	03/27/15 09:42	03/28/15 18:42	1

## Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		48		ug/Kg		03/27/15 09:33	03/27/15 23:39	1
PCB-1221	ND		48		ug/Kg		03/27/15 09:33	03/27/15 23:39	1

TestAmerica Pleasanton

# Client Sample Results

Client: Pacific States Environmental  
 Project/Site: Washington Hospital

TestAmerica Job ID: 720-63685-1

**Client Sample ID: PS-4-2'**  
**Date Collected: 03/23/15 11:00**  
**Date Received: 03/23/15 16:32**

**Lab Sample ID: 720-63685-10**  
**Matrix: Solid**

**Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1232	ND		48		ug/Kg		03/27/15 09:33	03/27/15 23:39	1
PCB-1242	ND		48		ug/Kg		03/27/15 09:33	03/27/15 23:39	1
PCB-1248	ND		48		ug/Kg		03/27/15 09:33	03/27/15 23:39	1
PCB-1254	ND		48		ug/Kg		03/27/15 09:33	03/27/15 23:39	1
PCB-1260	ND		48		ug/Kg		03/27/15 09:33	03/27/15 23:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
<i>Tetrachloro-m-xylene</i>	86		45 - 132				03/27/15 09:33	03/27/15 23:39	1
<i>DCB Decachlorobiphenyl</i>	99		42 - 146				03/27/15 09:33	03/27/15 23:39	1



# Client Sample Results

Client: Pacific States Environmental  
Project/Site: Washington Hospital

TestAmerica Job ID: 720-63685-1

**Client Sample ID: PS-4-6'**

**Lab Sample ID: 720-63685-11**

**Date Collected: 03/23/15 11:08**

**Matrix: Solid**

**Date Received: 03/23/15 16:32**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		5.0		ug/Kg		03/27/15 10:00	03/27/15 17:50	1
Acetone	ND		50		ug/Kg		03/27/15 10:00	03/27/15 17:50	1
Benzene	ND		5.0		ug/Kg		03/27/15 10:00	03/27/15 17:50	1
Dichlorobromomethane	ND		5.0		ug/Kg		03/27/15 10:00	03/27/15 17:50	1
Bromobenzene	ND		5.0		ug/Kg		03/27/15 10:00	03/27/15 17:50	1
Chlorobromomethane	ND		20		ug/Kg		03/27/15 10:00	03/27/15 17:50	1
Bromoform	ND		5.0		ug/Kg		03/27/15 10:00	03/27/15 17:50	1
Bromomethane	ND		10		ug/Kg		03/27/15 10:00	03/27/15 17:50	1
2-Butanone (MEK)	ND		50		ug/Kg		03/27/15 10:00	03/27/15 17:50	1
n-Butylbenzene	ND		5.0		ug/Kg		03/27/15 10:00	03/27/15 17:50	1
sec-Butylbenzene	ND		5.0		ug/Kg		03/27/15 10:00	03/27/15 17:50	1
tert-Butylbenzene	ND		5.0		ug/Kg		03/27/15 10:00	03/27/15 17:50	1
Carbon disulfide	ND		5.0		ug/Kg		03/27/15 10:00	03/27/15 17:50	1
Carbon tetrachloride	ND		5.0		ug/Kg		03/27/15 10:00	03/27/15 17:50	1
Chlorobenzene	ND		5.0		ug/Kg		03/27/15 10:00	03/27/15 17:50	1
Chloroethane	ND		10		ug/Kg		03/27/15 10:00	03/27/15 17:50	1
Chloroform	ND		5.0		ug/Kg		03/27/15 10:00	03/27/15 17:50	1
Chloromethane	ND		10		ug/Kg		03/27/15 10:00	03/27/15 17:50	1
2-Chlorotoluene	ND		5.0		ug/Kg		03/27/15 10:00	03/27/15 17:50	1
4-Chlorotoluene	ND		5.0		ug/Kg		03/27/15 10:00	03/27/15 17:50	1
Chlorodibromomethane	ND		5.0		ug/Kg		03/27/15 10:00	03/27/15 17:50	1
1,2-Dichlorobenzene	ND		5.0		ug/Kg		03/27/15 10:00	03/27/15 17:50	1
1,3-Dichlorobenzene	ND		5.0		ug/Kg		03/27/15 10:00	03/27/15 17:50	1
1,4-Dichlorobenzene	ND		5.0		ug/Kg		03/27/15 10:00	03/27/15 17:50	1
1,3-Dichloropropane	ND		5.0		ug/Kg		03/27/15 10:00	03/27/15 17:50	1
1,1-Dichloropropene	ND		5.0		ug/Kg		03/27/15 10:00	03/27/15 17:50	1
1,2-Dibromo-3-Chloropropane	ND		10		ug/Kg		03/27/15 10:00	03/27/15 17:50	1
Ethylene Dibromide	ND		5.0		ug/Kg		03/27/15 10:00	03/27/15 17:50	1
Dibromomethane	ND		10		ug/Kg		03/27/15 10:00	03/27/15 17:50	1
Dichlorodifluoromethane	ND		10		ug/Kg		03/27/15 10:00	03/27/15 17:50	1
1,1-Dichloroethane	ND		5.0		ug/Kg		03/27/15 10:00	03/27/15 17:50	1
1,2-Dichloroethane	ND		5.0		ug/Kg		03/27/15 10:00	03/27/15 17:50	1
1,1-Dichloroethene	ND		5.0		ug/Kg		03/27/15 10:00	03/27/15 17:50	1
cis-1,2-Dichloroethene	ND		5.0		ug/Kg		03/27/15 10:00	03/27/15 17:50	1
trans-1,2-Dichloroethene	ND		5.0		ug/Kg		03/27/15 10:00	03/27/15 17:50	1
1,2-Dichloropropane	ND		5.0		ug/Kg		03/27/15 10:00	03/27/15 17:50	1
cis-1,3-Dichloropropene	ND		5.0		ug/Kg		03/27/15 10:00	03/27/15 17:50	1
trans-1,3-Dichloropropene	ND		5.0		ug/Kg		03/27/15 10:00	03/27/15 17:50	1
Ethylbenzene	ND		5.0		ug/Kg		03/27/15 10:00	03/27/15 17:50	1
Hexachlorobutadiene	ND		5.0		ug/Kg		03/27/15 10:00	03/27/15 17:50	1
2-Hexanone	ND		50		ug/Kg		03/27/15 10:00	03/27/15 17:50	1
Isopropylbenzene	ND		5.0		ug/Kg		03/27/15 10:00	03/27/15 17:50	1
4-Isopropyltoluene	ND		5.0		ug/Kg		03/27/15 10:00	03/27/15 17:50	1
Methylene Chloride	ND		10		ug/Kg		03/27/15 10:00	03/27/15 17:50	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/Kg		03/27/15 10:00	03/27/15 17:50	1
Naphthalene	ND		10		ug/Kg		03/27/15 10:00	03/27/15 17:50	1
N-Propylbenzene	ND		5.0		ug/Kg		03/27/15 10:00	03/27/15 17:50	1
Styrene	ND		5.0		ug/Kg		03/27/15 10:00	03/27/15 17:50	1
1,1,1,2-Tetrachloroethane	ND		5.0		ug/Kg		03/27/15 10:00	03/27/15 17:50	1

TestAmerica Pleasanton



# Client Sample Results

Client: Pacific States Environmental  
Project/Site: Washington Hospital

TestAmerica Job ID: 720-63685-1

**Client Sample ID: PS-4-6'**

**Lab Sample ID: 720-63685-11**

Date Collected: 03/23/15 11:08

Matrix: Solid

Date Received: 03/23/15 16:32

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		5.0		ug/Kg		03/27/15 10:00	03/27/15 17:50	1
Tetrachloroethene	ND		5.0		ug/Kg		03/27/15 10:00	03/27/15 17:50	1
Toluene	ND		5.0		ug/Kg		03/27/15 10:00	03/27/15 17:50	1
1,2,3-Trichlorobenzene	ND		5.0		ug/Kg		03/27/15 10:00	03/27/15 17:50	1
1,2,4-Trichlorobenzene	ND		5.0		ug/Kg		03/27/15 10:00	03/27/15 17:50	1
1,1,1-Trichloroethane	ND		5.0		ug/Kg		03/27/15 10:00	03/27/15 17:50	1
1,1,2-Trichloroethane	ND		5.0		ug/Kg		03/27/15 10:00	03/27/15 17:50	1
Trichloroethene	ND		5.0		ug/Kg		03/27/15 10:00	03/27/15 17:50	1
Trichlorofluoromethane	ND		5.0		ug/Kg		03/27/15 10:00	03/27/15 17:50	1
1,2,3-Trichloropropane	ND		5.0		ug/Kg		03/27/15 10:00	03/27/15 17:50	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0		ug/Kg		03/27/15 10:00	03/27/15 17:50	1
1,2,4-Trimethylbenzene	ND		5.0		ug/Kg		03/27/15 10:00	03/27/15 17:50	1
1,3,5-Trimethylbenzene	ND		5.0		ug/Kg		03/27/15 10:00	03/27/15 17:50	1
Vinyl acetate	ND		20		ug/Kg		03/27/15 10:00	03/27/15 17:50	1
Vinyl chloride	ND		5.0		ug/Kg		03/27/15 10:00	03/27/15 17:50	1
Xylenes, Total	ND		10		ug/Kg		03/27/15 10:00	03/27/15 17:50	1
2,2-Dichloropropane	ND		5.0		ug/Kg		03/27/15 10:00	03/27/15 17:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	91		45 - 131	03/27/15 10:00	03/27/15 17:50	1
1,2-Dichloroethane-d4 (Surr)	98		60 - 140	03/27/15 10:00	03/27/15 17:50	1
Toluene-d8 (Surr)	84		58 - 140	03/27/15 10:00	03/27/15 17:50	1

## Method: 8270C SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		4.9		ug/Kg		03/27/15 09:42	03/28/15 19:05	1
Acenaphthylene	ND		4.9		ug/Kg		03/27/15 09:42	03/28/15 19:05	1
<b>Anthracene</b>	<b>7.3</b>		4.9		ug/Kg		03/27/15 09:42	03/28/15 19:05	1
<b>Benzo[a]anthracene</b>	<b>72</b>		4.9		ug/Kg		03/27/15 09:42	03/28/15 19:05	1
<b>Benzo[a]pyrene</b>	<b>100</b>		4.9		ug/Kg		03/27/15 09:42	03/28/15 19:05	1
<b>Benzo[b]fluoranthene</b>	<b>140</b>		4.9		ug/Kg		03/27/15 09:42	03/28/15 19:05	1
<b>Benzo[g,h,i]perylene</b>	<b>110</b>		4.9		ug/Kg		03/27/15 09:42	03/28/15 19:05	1
<b>Benzo[k]fluoranthene</b>	<b>56</b>		4.9		ug/Kg		03/27/15 09:42	03/28/15 19:05	1
<b>Chrysene</b>	<b>95</b>		4.9		ug/Kg		03/27/15 09:42	03/28/15 19:05	1
<b>Dibenz(a,h)anthracene</b>	<b>28</b>		4.9		ug/Kg		03/27/15 09:42	03/28/15 19:05	1
<b>Fluoranthene</b>	<b>97</b>		4.9		ug/Kg		03/27/15 09:42	03/28/15 19:05	1
Fluorene	ND		4.9		ug/Kg		03/27/15 09:42	03/28/15 19:05	1
<b>Indeno[1,2,3-cd]pyrene</b>	<b>93</b>		4.9		ug/Kg		03/27/15 09:42	03/28/15 19:05	1
Naphthalene	ND		4.9		ug/Kg		03/27/15 09:42	03/28/15 19:05	1
<b>Phenanthrene</b>	<b>36</b>		4.9		ug/Kg		03/27/15 09:42	03/28/15 19:05	1
<b>Pyrene</b>	<b>110</b>		4.9		ug/Kg		03/27/15 09:42	03/28/15 19:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	60		33 - 120	03/27/15 09:42	03/28/15 19:05	1
Terphenyl-d14	79		35 - 146	03/27/15 09:42	03/28/15 19:05	1

## Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		48		ug/Kg		03/27/15 09:33	03/27/15 23:56	1
PCB-1221	ND		48		ug/Kg		03/27/15 09:33	03/27/15 23:56	1

TestAmerica Pleasanton

# Client Sample Results

Client: Pacific States Environmental  
 Project/Site: Washington Hospital

TestAmerica Job ID: 720-63685-1

**Client Sample ID: PS-4-6'**  
**Date Collected: 03/23/15 11:08**  
**Date Received: 03/23/15 16:32**

**Lab Sample ID: 720-63685-11**  
**Matrix: Solid**

**Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1232	ND		48		ug/Kg		03/27/15 09:33	03/27/15 23:56	1
PCB-1242	ND		48		ug/Kg		03/27/15 09:33	03/27/15 23:56	1
PCB-1248	ND		48		ug/Kg		03/27/15 09:33	03/27/15 23:56	1
PCB-1254	ND		48		ug/Kg		03/27/15 09:33	03/27/15 23:56	1
PCB-1260	ND		48		ug/Kg		03/27/15 09:33	03/27/15 23:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
<i>Tetrachloro-m-xylene</i>	87		45 - 132				03/27/15 09:33	03/27/15 23:56	1
<i>DCB Decachlorobiphenyl</i>	95		42 - 146				03/27/15 09:33	03/27/15 23:56	1

# Surrogate Summary

Client: Pacific States Environmental  
Project/Site: Washington Hospital

TestAmerica Job ID: 720-63685-1

## Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)		
		BFB (45-131)	12DCE (60-140)	TOL (58-140)
720-63685-1	PS-1-2'	88	88	100
720-63685-3	PS-1-10'	89	87	87
720-63685-4	PS-2-1'	90	93	88
720-63685-5	PS-2-8'	90	93	86
720-63685-7	PS-3-2'	88	94	85
720-63685-9	PS-3-15'	89	95	86
720-63685-10	PS-4-2'	91	103	87
720-63685-11	PS-4-6'	91	98	84
720-63685-A-1-J MS	720-63685-A-1-J MS	94	84	91
720-63685-A-1-K MSD	720-63685-A-1-K MSD	94	84	93
LCS 720-178465/5	Lab Control Sample	95	85	93
LCS 720-178583/7	Lab Control Sample	95	89	100
LCSD 720-178465/6	Lab Control Sample Dup	94	84	94
LCSD 720-178583/8	Lab Control Sample Dup	94	92	103
MB 720-178465/4	Method Blank	93	92	90
MB 720-178583/6	Method Blank	101	95	105

**Surrogate Legend**

BFB = 4-Bromofluorobenzene  
12DCE = 1,2-Dichloroethane-d4 (Surr)  
TOL = Toluene-d8 (Surr)

## Method: 8270C SIM - Semivolatile Organic Compounds (GC/MS SIM)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		FBP (33-120)	TPH (35-146)
720-63685-1	PS-1-2'	68	91
720-63685-3	PS-1-10'	66	90
720-63685-4	PS-2-1'	66	88
720-63685-5	PS-2-8'	55	80
720-63685-7	PS-3-2'	65	85
720-63685-9	PS-3-15'	63	92
720-63685-9 MS	PS-3-15'	71	100
720-63685-9 MSD	PS-3-15'	73	95
720-63685-10	PS-4-2'	70	91
720-63685-11	PS-4-6'	60	79
LCS 720-178487/2-A	Lab Control Sample	61	96
MB 720-178487/1-A	Method Blank	59	91

**Surrogate Legend**

FBP = 2-Fluorobiphenyl  
TPH = Terphenyl-d14

# Surrogate Summary

Client: Pacific States Environmental  
Project/Site: Washington Hospital

TestAmerica Job ID: 720-63685-1

## Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Solid

Prep Type: Total/NA

### Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	TCX1 (45-132)	DCB1 (42-146)
720-63685-1	PS-1-2'	79	91
720-63685-1 MS	PS-1-2'	79	86
720-63685-1 MSD	PS-1-2'	83	92
720-63685-3	PS-1-10'	82	95
720-63685-4	PS-2-1'	94	97
720-63685-5	PS-2-8'	87	93
720-63685-7	PS-3-2'	88	94
720-63685-9	PS-3-15'	89	101
720-63685-10	PS-4-2'	86	99
720-63685-11	PS-4-6'	87	95
LCS 720-178483/2-A	Lab Control Sample	83	102
MB 720-178483/1-A	Method Blank	75	99

#### Surrogate Legend

TCX = Tetrachloro-m-xylene

DCB = DCB Decachlorobiphenyl

# QC Sample Results

Client: Pacific States Environmental  
Project/Site: Washington Hospital

TestAmerica Job ID: 720-63685-1

## Method: 8260B - Volatile Organic Compounds (GC/MS)

**Lab Sample ID: MB 720-178465/4**

**Matrix: Solid**

**Analysis Batch: 178465**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		5.0		ug/Kg			03/27/15 09:05	1
Acetone	ND		50		ug/Kg			03/27/15 09:05	1
Benzene	ND		5.0		ug/Kg			03/27/15 09:05	1
Dichlorobromomethane	ND		5.0		ug/Kg			03/27/15 09:05	1
Bromobenzene	ND		5.0		ug/Kg			03/27/15 09:05	1
Chlorobromomethane	ND		20		ug/Kg			03/27/15 09:05	1
Bromoform	ND		5.0		ug/Kg			03/27/15 09:05	1
Bromomethane	ND		10		ug/Kg			03/27/15 09:05	1
2-Butanone (MEK)	ND		50		ug/Kg			03/27/15 09:05	1
n-Butylbenzene	ND		5.0		ug/Kg			03/27/15 09:05	1
sec-Butylbenzene	ND		5.0		ug/Kg			03/27/15 09:05	1
tert-Butylbenzene	ND		5.0		ug/Kg			03/27/15 09:05	1
Carbon disulfide	ND		5.0		ug/Kg			03/27/15 09:05	1
Carbon tetrachloride	ND		5.0		ug/Kg			03/27/15 09:05	1
Chlorobenzene	ND		5.0		ug/Kg			03/27/15 09:05	1
Chloroethane	ND		10		ug/Kg			03/27/15 09:05	1
Chloroform	ND		5.0		ug/Kg			03/27/15 09:05	1
Chloromethane	ND		10		ug/Kg			03/27/15 09:05	1
2-Chlorotoluene	ND		5.0		ug/Kg			03/27/15 09:05	1
4-Chlorotoluene	ND		5.0		ug/Kg			03/27/15 09:05	1
Chlorodibromomethane	ND		5.0		ug/Kg			03/27/15 09:05	1
1,2-Dichlorobenzene	ND		5.0		ug/Kg			03/27/15 09:05	1
1,3-Dichlorobenzene	ND		5.0		ug/Kg			03/27/15 09:05	1
1,4-Dichlorobenzene	ND		5.0		ug/Kg			03/27/15 09:05	1
1,3-Dichloropropane	ND		5.0		ug/Kg			03/27/15 09:05	1
1,1-Dichloropropene	ND		5.0		ug/Kg			03/27/15 09:05	1
1,2-Dibromo-3-Chloropropane	ND		10		ug/Kg			03/27/15 09:05	1
Ethylene Dibromide	ND		5.0		ug/Kg			03/27/15 09:05	1
Dibromomethane	ND		10		ug/Kg			03/27/15 09:05	1
Dichlorodifluoromethane	ND		10		ug/Kg			03/27/15 09:05	1
1,1-Dichloroethane	ND		5.0		ug/Kg			03/27/15 09:05	1
1,2-Dichloroethane	ND		5.0		ug/Kg			03/27/15 09:05	1
1,1-Dichloroethene	ND		5.0		ug/Kg			03/27/15 09:05	1
cis-1,2-Dichloroethene	ND		5.0		ug/Kg			03/27/15 09:05	1
trans-1,2-Dichloroethene	ND		5.0		ug/Kg			03/27/15 09:05	1
1,2-Dichloropropane	ND		5.0		ug/Kg			03/27/15 09:05	1
cis-1,3-Dichloropropene	ND		5.0		ug/Kg			03/27/15 09:05	1
trans-1,3-Dichloropropene	ND		5.0		ug/Kg			03/27/15 09:05	1
Ethylbenzene	ND		5.0		ug/Kg			03/27/15 09:05	1
Hexachlorobutadiene	ND		5.0		ug/Kg			03/27/15 09:05	1
2-Hexanone	ND		50		ug/Kg			03/27/15 09:05	1
Isopropylbenzene	ND		5.0		ug/Kg			03/27/15 09:05	1
4-Isopropyltoluene	ND		5.0		ug/Kg			03/27/15 09:05	1
Methylene Chloride	ND		10		ug/Kg			03/27/15 09:05	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/Kg			03/27/15 09:05	1
Naphthalene	ND		10		ug/Kg			03/27/15 09:05	1
N-Propylbenzene	ND		5.0		ug/Kg			03/27/15 09:05	1
Styrene	ND		5.0		ug/Kg			03/27/15 09:05	1

TestAmerica Pleasanton

# QC Sample Results

Client: Pacific States Environmental  
Project/Site: Washington Hospital

TestAmerica Job ID: 720-63685-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: MB 720-178465/4**

**Matrix: Solid**

**Analysis Batch: 178465**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		5.0		ug/Kg			03/27/15 09:05	1
1,1,2,2-Tetrachloroethane	ND		5.0		ug/Kg			03/27/15 09:05	1
Tetrachloroethene	ND		5.0		ug/Kg			03/27/15 09:05	1
Toluene	ND		5.0		ug/Kg			03/27/15 09:05	1
1,2,3-Trichlorobenzene	ND		5.0		ug/Kg			03/27/15 09:05	1
1,2,4-Trichlorobenzene	ND		5.0		ug/Kg			03/27/15 09:05	1
1,1,1-Trichloroethane	ND		5.0		ug/Kg			03/27/15 09:05	1
1,1,2-Trichloroethane	ND		5.0		ug/Kg			03/27/15 09:05	1
Trichloroethene	ND		5.0		ug/Kg			03/27/15 09:05	1
Trichlorofluoromethane	ND		5.0		ug/Kg			03/27/15 09:05	1
1,2,3-Trichloropropane	ND		5.0		ug/Kg			03/27/15 09:05	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0		ug/Kg			03/27/15 09:05	1
1,2,4-Trimethylbenzene	ND		5.0		ug/Kg			03/27/15 09:05	1
1,3,5-Trimethylbenzene	ND		5.0		ug/Kg			03/27/15 09:05	1
Vinyl acetate	ND		20		ug/Kg			03/27/15 09:05	1
Vinyl chloride	ND		5.0		ug/Kg			03/27/15 09:05	1
Xylenes, Total	ND		10		ug/Kg			03/27/15 09:05	1
2,2-Dichloropropane	ND		5.0		ug/Kg			03/27/15 09:05	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	93		45 - 131		03/27/15 09:05	1
1,2-Dichloroethane-d4 (Surr)	92		60 - 140		03/27/15 09:05	1
Toluene-d8 (Surr)	90		58 - 140		03/27/15 09:05	1

**Lab Sample ID: LCS 720-178465/5**

**Matrix: Solid**

**Analysis Batch: 178465**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Methyl tert-butyl ether	50.0	50.0		ug/Kg		100	70 - 144
Acetone	250	227		ug/Kg		91	30 - 162
Benzene	50.0	46.4		ug/Kg		93	70 - 130
Dichlorobromomethane	50.0	51.3		ug/Kg		103	70 - 140
Bromobenzene	50.0	49.6		ug/Kg		99	70 - 130
Chlorobromomethane	50.0	49.7		ug/Kg		99	70 - 130
Bromoform	50.0	50.5		ug/Kg		101	59 - 158
Bromomethane	50.0	50.3		ug/Kg		101	59 - 132
2-Butanone (MEK)	250	233		ug/Kg		93	53 - 133
n-Butylbenzene	50.0	50.8		ug/Kg		102	70 - 142
sec-Butylbenzene	50.0	48.7		ug/Kg		97	70 - 136
tert-Butylbenzene	50.0	49.0		ug/Kg		98	70 - 130
Carbon disulfide	50.0	43.7		ug/Kg		87	60 - 140
Carbon tetrachloride	50.0	52.4		ug/Kg		105	70 - 142
Chlorobenzene	50.0	47.1		ug/Kg		94	70 - 130
Chloroethane	50.0	49.6		ug/Kg		99	65 - 130
Chloroform	50.0	46.9		ug/Kg		94	77 - 127
Chloromethane	50.0	47.9		ug/Kg		96	55 - 140
2-Chlorotoluene	50.0	48.4		ug/Kg		97	70 - 138

TestAmerica Pleasanton

# QC Sample Results

Client: Pacific States Environmental  
Project/Site: Washington Hospital

TestAmerica Job ID: 720-63685-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: LCS 720-178465/5**

**Matrix: Solid**

**Analysis Batch: 178465**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
4-Chlorotoluene	50.0	49.6		ug/Kg		99	70 - 136
Chlorodibromomethane	50.0	54.6		ug/Kg		109	70 - 146
1,2-Dichlorobenzene	50.0	50.4		ug/Kg		101	70 - 130
1,3-Dichlorobenzene	50.0	49.3		ug/Kg		99	70 - 131
1,4-Dichlorobenzene	50.0	49.0		ug/Kg		98	70 - 130
1,3-Dichloropropane	50.0	49.0		ug/Kg		98	70 - 140
1,1-Dichloropropene	50.0	52.6		ug/Kg		105	70 - 130
1,2-Dibromo-3-Chloropropane	50.0	47.9		ug/Kg		96	60 - 145
Ethylene Dibromide	50.0	52.7		ug/Kg		105	70 - 140
Dibromomethane	50.0	50.9		ug/Kg		102	70 - 139
Dichlorodifluoromethane	50.0	54.4		ug/Kg		109	37 - 158
1,1-Dichloroethane	50.0	44.0		ug/Kg		88	70 - 130
1,2-Dichloroethane	50.0	50.9		ug/Kg		102	70 - 130
1,1-Dichloroethene	50.0	43.4		ug/Kg		87	76 - 122
cis-1,2-Dichloroethene	50.0	43.8		ug/Kg		88	70 - 138
trans-1,2-Dichloroethene	50.0	45.8		ug/Kg		92	67 - 130
1,2-Dichloropropane	50.0	47.7		ug/Kg		95	73 - 127
cis-1,3-Dichloropropene	50.0	53.9		ug/Kg		108	68 - 147
trans-1,3-Dichloropropene	50.0	60.3		ug/Kg		121	70 - 155
Ethylbenzene	50.0	47.3		ug/Kg		95	80 - 137
Hexachlorobutadiene	50.0	50.1		ug/Kg		100	70 - 132
2-Hexanone	250	237		ug/Kg		95	44 - 133
Isopropylbenzene	50.0	49.2		ug/Kg		98	70 - 130
4-Isopropyltoluene	50.0	49.7		ug/Kg		99	70 - 133
Methylene Chloride	50.0	48.0		ug/Kg		96	70 - 134
4-Methyl-2-pentanone (MIBK)	250	241		ug/Kg		96	60 - 160
Naphthalene	50.0	49.7		ug/Kg		99	60 - 147
N-Propylbenzene	50.0	49.1		ug/Kg		98	70 - 130
Styrene	50.0	50.5		ug/Kg		101	70 - 130
1,1,1,2-Tetrachloroethane	50.0	52.9		ug/Kg		106	70 - 130
1,1,1,2,2-Tetrachloroethane	50.0	50.2		ug/Kg		100	70 - 146
Tetrachloroethene	50.0	50.4		ug/Kg		101	70 - 132
Toluene	50.0	45.6		ug/Kg		91	80 - 128
1,2,3-Trichlorobenzene	50.0	49.1		ug/Kg		98	60 - 140
1,2,4-Trichlorobenzene	50.0	53.3		ug/Kg		107	60 - 140
1,1,1-Trichloroethane	50.0	47.1		ug/Kg		94	70 - 130
1,1,2-Trichloroethane	50.0	49.1		ug/Kg		98	70 - 130
Trichloroethene	50.0	47.6		ug/Kg		95	70 - 133
Trichlorofluoromethane	50.0	49.3		ug/Kg		99	60 - 140
1,2,3-Trichloropropane	50.0	52.3		ug/Kg		105	70 - 146
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	44.6		ug/Kg		89	60 - 140
1,2,4-Trimethylbenzene	50.0	49.9		ug/Kg		100	70 - 130
1,3,5-Trimethylbenzene	50.0	50.4		ug/Kg		101	70 - 131
Vinyl acetate	50.0	55.1		ug/Kg		110	38 - 176
Vinyl chloride	50.0	48.3		ug/Kg		97	58 - 125
2,2-Dichloropropane	50.0	47.7		ug/Kg		95	70 - 162

TestAmerica Pleasanton

# QC Sample Results

Client: Pacific States Environmental  
Project/Site: Washington Hospital

TestAmerica Job ID: 720-63685-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 720-178465/5

Matrix: Solid

Analysis Batch: 178465

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene	95		45 - 131
1,2-Dichloroethane-d4 (Surr)	85		60 - 140
Toluene-d8 (Surr)	93		58 - 140

Lab Sample ID: LCSD 720-178465/6

Matrix: Solid

Analysis Batch: 178465

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec.	RPD	Limit
							Limits		
Methyl tert-butyl ether	50.0	49.3		ug/Kg		99	70 - 144	1	20
Acetone	250	230		ug/Kg		92	30 - 162	1	30
Benzene	50.0	46.2		ug/Kg		92	70 - 130	0	20
Dichlorobromomethane	50.0	50.1		ug/Kg		100	70 - 140	2	20
Bromobenzene	50.0	49.9		ug/Kg		100	70 - 130	1	20
Chlorobromomethane	50.0	49.4		ug/Kg		99	70 - 130	1	20
Bromoform	50.0	49.5		ug/Kg		99	59 - 158	2	20
Bromomethane	50.0	49.8		ug/Kg		100	59 - 132	1	20
2-Butanone (MEK)	250	229		ug/Kg		92	53 - 133	2	20
n-Butylbenzene	50.0	51.1		ug/Kg		102	70 - 142	1	20
sec-Butylbenzene	50.0	49.4		ug/Kg		99	70 - 136	2	20
tert-Butylbenzene	50.0	49.3		ug/Kg		99	70 - 130	1	20
Carbon disulfide	50.0	44.2		ug/Kg		88	60 - 140	1	20
Carbon tetrachloride	50.0	51.4		ug/Kg		103	70 - 142	2	20
Chlorobenzene	50.0	46.9		ug/Kg		94	70 - 130	0	20
Chloroethane	50.0	50.3		ug/Kg		101	65 - 130	2	20
Chloroform	50.0	46.4		ug/Kg		93	77 - 127	1	20
Chloromethane	50.0	48.2		ug/Kg		96	55 - 140	1	20
2-Chlorotoluene	50.0	48.6		ug/Kg		97	70 - 138	0	20
4-Chlorotoluene	50.0	49.6		ug/Kg		99	70 - 136	0	20
Chlorodibromomethane	50.0	53.1		ug/Kg		106	70 - 146	3	20
1,2-Dichlorobenzene	50.0	50.3		ug/Kg		101	70 - 130	0	20
1,3-Dichlorobenzene	50.0	49.1		ug/Kg		98	70 - 131	0	20
1,4-Dichlorobenzene	50.0	49.2		ug/Kg		98	70 - 130	0	20
1,3-Dichloropropane	50.0	47.7		ug/Kg		95	70 - 140	3	20
1,1-Dichloropropene	50.0	52.3		ug/Kg		105	70 - 130	1	20
1,2-Dibromo-3-Chloropropane	50.0	49.2		ug/Kg		98	60 - 145	2	20
Ethylene Dibromide	50.0	51.3		ug/Kg		103	70 - 140	3	20
Dibromomethane	50.0	50.0		ug/Kg		100	70 - 139	2	20
Dichlorodifluoromethane	50.0	53.7		ug/Kg		107	37 - 158	1	20
1,1-Dichloroethane	50.0	43.7		ug/Kg		87	70 - 130	1	20
1,2-Dichloroethane	50.0	49.2		ug/Kg		98	70 - 130	4	20
1,1-Dichloroethane	50.0	44.8		ug/Kg		90	76 - 122	3	20
cis-1,2-Dichloroethane	50.0	42.9		ug/Kg		86	70 - 138	2	20
trans-1,2-Dichloroethane	50.0	46.5		ug/Kg		93	67 - 130	1	20
1,2-Dichloropropane	50.0	47.1		ug/Kg		94	73 - 127	1	20
cis-1,3-Dichloropropene	50.0	53.0		ug/Kg		106	68 - 147	2	20
trans-1,3-Dichloropropene	50.0	58.3		ug/Kg		117	70 - 155	3	20
Ethylbenzene	50.0	47.3		ug/Kg		95	80 - 137	0	20

TestAmerica Pleasanton



# QC Sample Results

Client: Pacific States Environmental  
Project/Site: Washington Hospital

TestAmerica Job ID: 720-63685-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: LCSD 720-178465/6**

**Matrix: Solid**

**Analysis Batch: 178465**

**Client Sample ID: Lab Control Sample Dup**

**Prep Type: Total/NA**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec.		RPD	Limit
							Limits	RPD		
Hexachlorobutadiene	50.0	50.9		ug/Kg		102	70 - 132	2	20	
2-Hexanone	250	233		ug/Kg		93	44 - 133	2	20	
Isopropylbenzene	50.0	48.9		ug/Kg		98	70 - 130	0	20	
4-Isopropyltoluene	50.0	50.3		ug/Kg		101	70 - 133	1	20	
Methylene Chloride	50.0	48.9		ug/Kg		98	70 - 134	2	20	
4-Methyl-2-pentanone (MIBK)	250	239		ug/Kg		96	60 - 160	1	20	
Naphthalene	50.0	50.1		ug/Kg		100	60 - 147	1	20	
N-Propylbenzene	50.0	49.7		ug/Kg		99	70 - 130	1	20	
Styrene	50.0	49.7		ug/Kg		99	70 - 130	2	20	
1,1,1,2-Tetrachloroethane	50.0	52.1		ug/Kg		104	70 - 130	1	20	
1,1,1,2,2-Tetrachloroethane	50.0	50.8		ug/Kg		102	70 - 146	1	20	
Tetrachloroethene	50.0	50.0		ug/Kg		100	70 - 132	1	20	
Toluene	50.0	46.2		ug/Kg		92	80 - 128	1	20	
1,2,3-Trichlorobenzene	50.0	48.5		ug/Kg		97	60 - 140	1	20	
1,2,4-Trichlorobenzene	50.0	52.8		ug/Kg		106	60 - 140	1	20	
1,1,1-Trichloroethane	50.0	45.9		ug/Kg		92	70 - 130	2	20	
1,1,1,2-Trichloroethane	50.0	48.3		ug/Kg		97	70 - 130	2	20	
Trichloroethene	50.0	47.7		ug/Kg		95	70 - 133	0	20	
Trichlorofluoromethane	50.0	48.6		ug/Kg		97	60 - 140	1	20	
1,2,3-Trichloropropane	50.0	52.0		ug/Kg		104	70 - 146	1	20	
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	45.3		ug/Kg		91	60 - 140	1	20	
1,2,4-Trimethylbenzene	50.0	50.5		ug/Kg		101	70 - 130	1	20	
1,3,5-Trimethylbenzene	50.0	50.7		ug/Kg		101	70 - 131	1	20	
Vinyl acetate	50.0	54.8		ug/Kg		110	38 - 176	1	20	
Vinyl chloride	50.0	48.8		ug/Kg		98	58 - 125	1	20	
2,2-Dichloropropane	50.0	45.5		ug/Kg		91	70 - 162	5	20	

Surrogate	LCSD		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene	94		45 - 131
1,2-Dichloroethane-d4 (Surr)	84		60 - 140
Toluene-d8 (Surr)	94		58 - 140

**Lab Sample ID: 720-63685-A-1-J MS**

**Matrix: Solid**

**Analysis Batch: 178465**

**Client Sample ID: 720-63685-A-1-J MS**

**Prep Type: Total/NA**

**Prep Batch: 178503**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS		Unit	D	%Rec	%Rec.	
				Result	Qualifier				Limits	RPD
Methyl tert-butyl ether	ND		49.2	40.5		ug/Kg		82	69 - 130	
Acetone	ND		246	185		ug/Kg		75	37 - 150	
Benzene	ND		49.2	39.1		ug/Kg		79	70 - 130	
Dichlorobromomethane	ND		49.2	41.2		ug/Kg		84	64 - 135	
Bromobenzene	ND	*	49.2	36.7		ug/Kg		75	70 - 130	
Chlorobromomethane	ND		49.2	40.5		ug/Kg		82	65 - 130	
Bromoform	ND	*	49.2	37.3		ug/Kg		76	58 - 132	
Bromomethane	ND		49.2	43.1		ug/Kg		88	56 - 130	
2-Butanone (MEK)	ND		246	179		ug/Kg		73	41 - 150	
n-Butylbenzene	ND	*	49.2	37.1		ug/Kg		75	60 - 145	

TestAmerica Pleasanton

# QC Sample Results

Client: Pacific States Environmental  
Project/Site: Washington Hospital

TestAmerica Job ID: 720-63685-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: 720-63685-A-1-J MS**

**Matrix: Solid**

**Analysis Batch: 178465**

**Client Sample ID: 720-63685-A-1-J MS**

**Prep Type: Total/NA**

**Prep Batch: 178503**

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec. Limits
	Result	Qualifier	Added	Result	Qualifier				
sec-Butylbenzene	ND	*	49.2	38.1		ug/Kg		77	64 - 137
tert-Butylbenzene	ND	*	49.2	39.2		ug/Kg		80	63 - 134
Carbon disulfide	ND		49.2	38.0		ug/Kg		77	10 - 150
Carbon tetrachloride	ND		49.2	44.2		ug/Kg		90	54 - 130
Chlorobenzene	ND	*	49.2	36.7		ug/Kg		75	70 - 130
Chloroethane	ND		49.2	43.4		ug/Kg		88	61 - 130
Chloroform	ND		49.2	39.6		ug/Kg		80	67 - 130
Chloromethane	ND		49.2	42.0		ug/Kg		85	50 - 131
2-Chlorotoluene	ND	*	49.2	36.5		ug/Kg		74	70 - 130
4-Chlorotoluene	ND	*	49.2	36.7		ug/Kg		75	70 - 130
Chlorodibromomethane	ND		49.2	42.0		ug/Kg		85	60 - 141
1,2-Dichlorobenzene	ND	* F1	49.2	33.2	F1	ug/Kg		68	70 - 130
1,3-Dichlorobenzene	ND	* F1	49.2	34.0	F1	ug/Kg		69	70 - 130
1,4-Dichlorobenzene	ND	* F1	49.2	33.3	F1	ug/Kg		68	70 - 130
1,3-Dichloropropane	ND		49.2	38.8		ug/Kg		79	70 - 130
1,1-Dichloropropene	ND		49.2	44.3		ug/Kg		90	67 - 130
1,2-Dibromo-3-Chloropropane	ND	*	49.2	33.5		ug/Kg		68	57 - 130
Ethylene Dibromide	ND		49.2	40.2		ug/Kg		82	66 - 135
Dibromomethane	ND		49.2	40.6		ug/Kg		83	65 - 131
Dichlorodifluoromethane	ND		49.2	51.1		ug/Kg		104	38 - 130
1,1-Dichloroethane	ND		49.2	37.6		ug/Kg		77	67 - 130
1,2-Dichloroethane	ND		49.2	39.9		ug/Kg		81	70 - 130
1,1-Dichloroethene	ND		49.2	38.4		ug/Kg		78	64 - 130
cis-1,2-Dichloroethene	ND		49.2	36.3		ug/Kg		74	68 - 131
trans-1,2-Dichloroethene	ND		49.2	39.5		ug/Kg		80	70 - 130
1,2-Dichloropropane	ND		49.2	38.7		ug/Kg		79	65 - 133
cis-1,3-Dichloropropene	ND		49.2	42.7		ug/Kg		87	46 - 139
trans-1,3-Dichloropropene	ND		49.2	45.7		ug/Kg		93	55 - 131
Ethylbenzene	ND	*	49.2	39.0		ug/Kg		79	65 - 130
Hexachlorobutadiene	ND	*	49.2	31.3		ug/Kg		64	58 - 132
2-Hexanone	ND		246	184		ug/Kg		75	44 - 150
Isopropylbenzene	ND	*	49.2	40.0		ug/Kg		81	65 - 130
4-Isopropyltoluene	ND	*	49.2	38.1		ug/Kg		77	69 - 134
Methylene Chloride	ND		49.2	41.2		ug/Kg		84	63 - 130
4-Methyl-2-pentanone (MIBK)	ND		246	191		ug/Kg		78	51 - 140
Naphthalene	ND	*	49.2	24.4		ug/Kg		50	45 - 146
N-Propylbenzene	ND	*	49.2	39.5		ug/Kg		80	70 - 130
Styrene	ND	*	49.2	37.5		ug/Kg		76	58 - 135
1,1,1,2-Tetrachloroethane	ND	*	49.2	42.2		ug/Kg		86	64 - 133
1,1,2,2-Tetrachloroethane	ND	*	49.2	39.1		ug/Kg		79	70 - 131
Tetrachloroethene	ND		49.2	42.0		ug/Kg		85	67 - 130
Toluene	ND	*	49.2	38.3		ug/Kg		78	70 - 130
1,2,3-Trichlorobenzene	ND	* F1	49.2	24.0	F1	ug/Kg		49	58 - 138
1,2,4-Trichlorobenzene	ND	*	49.2	27.7		ug/Kg		56	49 - 144
1,1,1-Trichloroethane	ND		49.2	40.2		ug/Kg		82	57 - 133
1,1,2-Trichloroethane	ND		49.2	38.9		ug/Kg		79	68 - 132
Trichloroethene	ND		49.2	40.2		ug/Kg		82	66 - 130
Trichlorofluoromethane	ND		49.2	42.9		ug/Kg		87	61 - 130

TestAmerica Pleasanton

# QC Sample Results

Client: Pacific States Environmental  
Project/Site: Washington Hospital

TestAmerica Job ID: 720-63685-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: 720-63685-A-1-J MS**

**Matrix: Solid**

**Analysis Batch: 178465**

**Client Sample ID: 720-63685-A-1-J MS**

**Prep Type: Total/NA**

**Prep Batch: 178503**

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec. Limits	
	Result	Qualifier	Added	Result	Qualifier					
1,2,3-Trichloropropane	ND	*	49.2	40.2		ug/Kg		82	62 - 150	
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		49.2	39.2		ug/Kg		80	52 - 130	
1,2,4-Trimethylbenzene	ND	*	49.2	38.2		ug/Kg		78	64 - 140	
1,3,5-Trimethylbenzene	ND	*	49.2	39.5		ug/Kg		80	67 - 134	
Vinyl acetate	ND	F1 F2	49.2	ND	F1	ug/Kg		10	52 - 150	
Vinyl chloride	ND		49.2	42.7		ug/Kg		87	62 - 130	
2,2-Dichloropropane	ND		49.2	40.3		ug/Kg		82	63 - 130	
<b>MS MS</b>										
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>							
4-Bromofluorobenzene	94		45 - 131							
1,2-Dichloroethane-d4 (Surr)	84		60 - 140							
Toluene-d8 (Surr)	91		58 - 140							

**Lab Sample ID: 720-63685-A-1-K MSD**

**Matrix: Solid**

**Analysis Batch: 178465**

**Client Sample ID: 720-63685-A-1-K MSD**

**Prep Type: Total/NA**

**Prep Batch: 178503**

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec. Limits	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier						
Methyl tert-butyl ether	ND		45.6	38.1		ug/Kg		84	69 - 130	6	20
Acetone	ND		228	179		ug/Kg		78	37 - 150	4	20
Benzene	ND		45.6	36.6		ug/Kg		80	70 - 130	6	20
Dichlorobromomethane	ND		45.6	38.2		ug/Kg		84	64 - 135	8	20
Bromobenzene	ND	*	45.6	34.5		ug/Kg		76	70 - 130	6	20
Chlorobromomethane	ND		45.6	38.2		ug/Kg		84	65 - 130	6	20
Bromoform	ND	*	45.6	35.1		ug/Kg		77	58 - 132	6	20
Bromomethane	ND		45.6	40.3		ug/Kg		88	56 - 130	7	20
2-Butanone (MEK)	ND		228	168		ug/Kg		73	41 - 150	7	20
n-Butylbenzene	ND	*	45.6	33.6		ug/Kg		74	60 - 145	10	20
sec-Butylbenzene	ND	*	45.6	35.9		ug/Kg		79	64 - 137	6	20
tert-Butylbenzene	ND	*	45.6	37.0		ug/Kg		81	63 - 134	6	20
Carbon disulfide	ND		45.6	35.6		ug/Kg		78	10 - 150	6	20
Carbon tetrachloride	ND		45.6	40.7		ug/Kg		89	54 - 130	8	20
Chlorobenzene	ND	*	45.6	34.3		ug/Kg		75	70 - 130	7	20
Chloroethane	ND		45.6	41.6		ug/Kg		91	61 - 130	4	20
Chloroform	ND		45.6	36.5		ug/Kg		80	67 - 130	8	20
Chloromethane	ND		45.6	39.4		ug/Kg		86	50 - 131	7	20
2-Chlorotoluene	ND	*	45.6	34.3		ug/Kg		75	70 - 130	6	20
4-Chlorotoluene	ND	*	45.6	33.9		ug/Kg		74	70 - 130	8	20
Chlorodibromomethane	ND		45.6	39.0		ug/Kg		86	60 - 141	7	20
1,2-Dichlorobenzene	ND	* F1	45.6	31.1	F1	ug/Kg		68	70 - 130	7	20
1,3-Dichlorobenzene	ND	* F1	45.6	31.2	F1	ug/Kg		68	70 - 130	9	20
1,4-Dichlorobenzene	ND	* F1	45.6	30.8	F1	ug/Kg		67	70 - 130	8	20
1,3-Dichloropropane	ND		45.6	36.4		ug/Kg		80	70 - 130	6	20
1,1-Dichloropropene	ND		45.6	41.3		ug/Kg		91	67 - 130	7	20
1,2-Dibromo-3-Chloropropane	ND	*	45.6	31.7		ug/Kg		70	57 - 130	6	20
Ethylene Dibromide	ND		45.6	37.7		ug/Kg		83	66 - 135	6	20
Dibromomethane	ND		45.6	37.6		ug/Kg		82	65 - 131	8	20

TestAmerica Pleasanton

# QC Sample Results

Client: Pacific States Environmental  
Project/Site: Washington Hospital

TestAmerica Job ID: 720-63685-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 720-63685-A-1-K MSD

Client Sample ID: 720-63685-A-1-K MSD

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 178465

Prep Batch: 178503

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier				Limits		
Dichlorodifluoromethane	ND		45.6	46.6		ug/Kg		102	38 - 130	9	20
1,1-Dichloroethane	ND		45.6	35.1		ug/Kg		77	67 - 130	7	20
1,2-Dichloroethane	ND		45.6	37.0		ug/Kg		81	70 - 130	8	20
1,1-Dichloroethene	ND		45.6	35.7		ug/Kg		78	64 - 130	7	20
cis-1,2-Dichloroethene	ND		45.6	33.8		ug/Kg		74	68 - 131	7	20
trans-1,2-Dichloroethene	ND		45.6	37.4		ug/Kg		82	70 - 130	6	20
1,2-Dichloropropane	ND		45.6	36.6		ug/Kg		80	65 - 133	6	20
cis-1,3-Dichloropropene	ND		45.6	39.9		ug/Kg		87	46 - 139	7	20
trans-1,3-Dichloropropene	ND		45.6	42.4		ug/Kg		93	55 - 131	8	20
Ethylbenzene	ND	*	45.6	36.0		ug/Kg		79	65 - 130	8	20
Hexachlorobutadiene	ND	*	45.6	28.3		ug/Kg		62	58 - 132	10	20
2-Hexanone	ND		228	172		ug/Kg		75	44 - 150	7	20
Isopropylbenzene	ND	*	45.6	37.4		ug/Kg		82	65 - 130	7	20
4-Isopropyltoluene	ND	*	45.6	35.5		ug/Kg		78	69 - 134	7	20
Methylene Chloride	ND		45.6	38.6		ug/Kg		85	63 - 130	6	20
4-Methyl-2-pentanone (MIBK)	ND		228	179		ug/Kg		79	51 - 140	6	20
Naphthalene	ND	*	45.6	23.1		ug/Kg		51	45 - 146	6	20
N-Propylbenzene	ND	*	45.6	36.7		ug/Kg		80	70 - 130	7	20
Styrene	ND	*	45.6	34.8		ug/Kg		76	58 - 135	8	20
1,1,1,2-Tetrachloroethane	ND	*	45.6	38.8		ug/Kg		85	64 - 133	9	20
1,1,2,2-Tetrachloroethane	ND	*	45.6	36.9		ug/Kg		81	70 - 131	6	20
Tetrachloroethene	ND		45.6	38.6		ug/Kg		85	67 - 130	8	20
Toluene	ND	*	45.6	35.7		ug/Kg		78	70 - 130	7	20
1,2,3-Trichlorobenzene	ND	* F1	45.6	22.1	F1	ug/Kg		49	58 - 138	8	20
1,2,4-Trichlorobenzene	ND	*	45.6	24.8		ug/Kg		54	49 - 144	11	20
1,1,1-Trichloroethane	ND		45.6	37.6		ug/Kg		82	57 - 133	7	20
1,1,2-Trichloroethane	ND		45.6	36.4		ug/Kg		80	68 - 132	7	20
Trichloroethene	ND		45.6	37.9		ug/Kg		83	66 - 130	6	20
Trichlorofluoromethane	ND		45.6	39.6		ug/Kg		87	61 - 130	8	20
1,2,3-Trichloropropane	ND	*	45.6	37.7		ug/Kg		83	62 - 150	6	20
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		45.6	36.1		ug/Kg		79	52 - 130	8	20
1,2,4-Trimethylbenzene	ND	*	45.6	35.6		ug/Kg		78	64 - 140	7	20
1,3,5-Trimethylbenzene	ND	*	45.6	36.9		ug/Kg		81	67 - 134	7	20
Vinyl acetate	ND	F1 F2	45.6	ND	F1 F2	ug/Kg		6	52 - 150	50	20
Vinyl chloride	ND		45.6	39.8		ug/Kg		87	62 - 130	7	20
2,2-Dichloropropane	ND		45.6	40.6		ug/Kg		89	63 - 130	1	20

Surrogate	MSD	MSD	Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene	94		45 - 131
1,2-Dichloroethane-d4 (Surr)	84		60 - 140
Toluene-d8 (Surr)	93		58 - 140

TestAmerica Pleasanton

# QC Sample Results

Client: Pacific States Environmental  
 Project/Site: Washington Hospital

TestAmerica Job ID: 720-63685-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: MB 720-178583/6**

**Matrix: Solid**

**Analysis Batch: 178583**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		5.0		ug/Kg			03/30/15 08:41	1
Acetone	ND		50		ug/Kg			03/30/15 08:41	1
Benzene	ND		5.0		ug/Kg			03/30/15 08:41	1
Dichlorobromomethane	ND		5.0		ug/Kg			03/30/15 08:41	1
Bromobenzene	ND		5.0		ug/Kg			03/30/15 08:41	1
Chlorobromomethane	ND		20		ug/Kg			03/30/15 08:41	1
Bromoform	ND		5.0		ug/Kg			03/30/15 08:41	1
Bromomethane	ND		10		ug/Kg			03/30/15 08:41	1
2-Butanone (MEK)	ND		50		ug/Kg			03/30/15 08:41	1
n-Butylbenzene	ND		5.0		ug/Kg			03/30/15 08:41	1
sec-Butylbenzene	ND		5.0		ug/Kg			03/30/15 08:41	1
tert-Butylbenzene	ND		5.0		ug/Kg			03/30/15 08:41	1
Carbon disulfide	ND		5.0		ug/Kg			03/30/15 08:41	1
Carbon tetrachloride	ND		5.0		ug/Kg			03/30/15 08:41	1
Chlorobenzene	ND		5.0		ug/Kg			03/30/15 08:41	1
Chloroethane	ND		10		ug/Kg			03/30/15 08:41	1
Chloroform	ND		5.0		ug/Kg			03/30/15 08:41	1
Chloromethane	ND		10		ug/Kg			03/30/15 08:41	1
2-Chlorotoluene	ND		5.0		ug/Kg			03/30/15 08:41	1
4-Chlorotoluene	ND		5.0		ug/Kg			03/30/15 08:41	1
Chlorodibromomethane	ND		5.0		ug/Kg			03/30/15 08:41	1
1,2-Dichlorobenzene	ND		5.0		ug/Kg			03/30/15 08:41	1
1,3-Dichlorobenzene	ND		5.0		ug/Kg			03/30/15 08:41	1
1,4-Dichlorobenzene	ND		5.0		ug/Kg			03/30/15 08:41	1
1,3-Dichloropropane	ND		5.0		ug/Kg			03/30/15 08:41	1
1,1-Dichloropropene	ND		5.0		ug/Kg			03/30/15 08:41	1
1,2-Dibromo-3-Chloropropane	ND		10		ug/Kg			03/30/15 08:41	1
Ethylene Dibromide	ND		5.0		ug/Kg			03/30/15 08:41	1
Dibromomethane	ND		10		ug/Kg			03/30/15 08:41	1
Dichlorodifluoromethane	ND		10		ug/Kg			03/30/15 08:41	1
1,1-Dichloroethane	ND		5.0		ug/Kg			03/30/15 08:41	1
1,2-Dichloroethane	ND		5.0		ug/Kg			03/30/15 08:41	1
1,1-Dichloroethene	ND		5.0		ug/Kg			03/30/15 08:41	1
cis-1,2-Dichloroethene	ND		5.0		ug/Kg			03/30/15 08:41	1
trans-1,2-Dichloroethene	ND		5.0		ug/Kg			03/30/15 08:41	1
1,2-Dichloropropane	ND		5.0		ug/Kg			03/30/15 08:41	1
cis-1,3-Dichloropropene	ND		5.0		ug/Kg			03/30/15 08:41	1
trans-1,3-Dichloropropene	ND		5.0		ug/Kg			03/30/15 08:41	1
Ethylbenzene	ND		5.0		ug/Kg			03/30/15 08:41	1
Hexachlorobutadiene	ND		5.0		ug/Kg			03/30/15 08:41	1
2-Hexanone	ND		50		ug/Kg			03/30/15 08:41	1
Isopropylbenzene	ND		5.0		ug/Kg			03/30/15 08:41	1
4-Isopropyltoluene	ND		5.0		ug/Kg			03/30/15 08:41	1
Methylene Chloride	ND		10		ug/Kg			03/30/15 08:41	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/Kg			03/30/15 08:41	1
Naphthalene	ND		10		ug/Kg			03/30/15 08:41	1
N-Propylbenzene	ND		5.0		ug/Kg			03/30/15 08:41	1
Styrene	ND		5.0		ug/Kg			03/30/15 08:41	1

TestAmerica Pleasanton

# QC Sample Results

Client: Pacific States Environmental  
Project/Site: Washington Hospital

TestAmerica Job ID: 720-63685-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: MB 720-178583/6**

**Matrix: Solid**

**Analysis Batch: 178583**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		5.0		ug/Kg			03/30/15 08:41	1
1,1,2,2-Tetrachloroethane	ND		5.0		ug/Kg			03/30/15 08:41	1
Tetrachloroethene	ND		5.0		ug/Kg			03/30/15 08:41	1
Toluene	ND		5.0		ug/Kg			03/30/15 08:41	1
1,2,3-Trichlorobenzene	ND		5.0		ug/Kg			03/30/15 08:41	1
1,2,4-Trichlorobenzene	ND		5.0		ug/Kg			03/30/15 08:41	1
1,1,1-Trichloroethane	ND		5.0		ug/Kg			03/30/15 08:41	1
1,1,2-Trichloroethane	ND		5.0		ug/Kg			03/30/15 08:41	1
Trichloroethene	ND		5.0		ug/Kg			03/30/15 08:41	1
Trichlorofluoromethane	ND		5.0		ug/Kg			03/30/15 08:41	1
1,2,3-Trichloropropane	ND		5.0		ug/Kg			03/30/15 08:41	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0		ug/Kg			03/30/15 08:41	1
1,2,4-Trimethylbenzene	ND		5.0		ug/Kg			03/30/15 08:41	1
1,3,5-Trimethylbenzene	ND		5.0		ug/Kg			03/30/15 08:41	1
Vinyl acetate	ND		20		ug/Kg			03/30/15 08:41	1
Vinyl chloride	ND		5.0		ug/Kg			03/30/15 08:41	1
Xylenes, Total	ND		10		ug/Kg			03/30/15 08:41	1
2,2-Dichloropropane	ND		5.0		ug/Kg			03/30/15 08:41	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	101		45 - 131		03/30/15 08:41	1
1,2-Dichloroethane-d4 (Surr)	95		60 - 140		03/30/15 08:41	1
Toluene-d8 (Surr)	105		58 - 140		03/30/15 08:41	1

**Lab Sample ID: LCS 720-178583/7**

**Matrix: Solid**

**Analysis Batch: 178583**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Methyl tert-butyl ether	50.0	48.6		ug/Kg		97	70 - 144
Acetone	250	217		ug/Kg		87	30 - 162
Benzene	50.0	49.1		ug/Kg		98	70 - 130
Dichlorobromomethane	50.0	49.4		ug/Kg		99	70 - 140
Bromobenzene	50.0	52.1		ug/Kg		104	70 - 130
Chlorobromomethane	50.0	50.8		ug/Kg		102	70 - 130
Bromoform	50.0	49.4		ug/Kg		99	59 - 158
Bromomethane	50.0	52.7		ug/Kg		105	59 - 132
2-Butanone (MEK)	250	230		ug/Kg		92	53 - 133
n-Butylbenzene	50.0	51.9		ug/Kg		104	70 - 142
sec-Butylbenzene	50.0	51.1		ug/Kg		102	70 - 136
tert-Butylbenzene	50.0	50.2		ug/Kg		100	70 - 130
Carbon disulfide	50.0	50.2		ug/Kg		100	60 - 140
Carbon tetrachloride	50.0	51.2		ug/Kg		102	70 - 142
Chlorobenzene	50.0	50.7		ug/Kg		101	70 - 130
Chloroethane	50.0	51.7		ug/Kg		103	65 - 130
Chloroform	50.0	49.2		ug/Kg		98	77 - 127
Chloromethane	50.0	55.1		ug/Kg		110	55 - 140
2-Chlorotoluene	50.0	48.8		ug/Kg		98	70 - 138

TestAmerica Pleasanton

# QC Sample Results

Client: Pacific States Environmental  
Project/Site: Washington Hospital

TestAmerica Job ID: 720-63685-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: LCS 720-178583/7**

**Matrix: Solid**

**Analysis Batch: 178583**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
4-Chlorotoluene	50.0	49.9		ug/Kg		100	70 - 136
Chlorodibromomethane	50.0	52.4		ug/Kg		105	70 - 146
1,2-Dichlorobenzene	50.0	51.3		ug/Kg		103	70 - 130
1,3-Dichlorobenzene	50.0	52.4		ug/Kg		105	70 - 131
1,4-Dichlorobenzene	50.0	52.2		ug/Kg		104	70 - 130
1,3-Dichloropropane	50.0	48.8		ug/Kg		98	70 - 140
1,1-Dichloropropene	50.0	54.2		ug/Kg		108	70 - 130
1,2-Dibromo-3-Chloropropane	50.0	49.3		ug/Kg		99	60 - 145
Ethylene Dibromide	50.0	50.8		ug/Kg		102	70 - 140
Dibromomethane	50.0	48.6		ug/Kg		97	70 - 139
Dichlorodifluoromethane	50.0	67.0		ug/Kg		134	37 - 158
1,1-Dichloroethane	50.0	50.7		ug/Kg		101	70 - 130
1,2-Dichloroethane	50.0	48.3		ug/Kg		97	70 - 130
1,1-Dichloroethene	50.0	47.9		ug/Kg		96	76 - 122
cis-1,2-Dichloroethene	50.0	49.3		ug/Kg		99	70 - 138
trans-1,2-Dichloroethene	50.0	50.4		ug/Kg		101	67 - 130
1,2-Dichloropropane	50.0	50.6		ug/Kg		101	73 - 127
cis-1,3-Dichloropropene	50.0	52.7		ug/Kg		105	68 - 147
trans-1,3-Dichloropropene	50.0	56.0		ug/Kg		112	70 - 155
Ethylbenzene	50.0	49.3		ug/Kg		99	80 - 137
Hexachlorobutadiene	50.0	56.4		ug/Kg		113	70 - 132
2-Hexanone	250	223		ug/Kg		89	44 - 133
Isopropylbenzene	50.0	50.8		ug/Kg		102	70 - 130
4-Isopropyltoluene	50.0	51.1		ug/Kg		102	70 - 133
Methylene Chloride	50.0	47.7		ug/Kg		95	70 - 134
4-Methyl-2-pentanone (MIBK)	250	230		ug/Kg		92	60 - 160
Naphthalene	50.0	49.5		ug/Kg		99	60 - 147
N-Propylbenzene	50.0	51.0		ug/Kg		102	70 - 130
Styrene	50.0	51.1		ug/Kg		102	70 - 130
1,1,1,2-Tetrachloroethane	50.0	51.8		ug/Kg		104	70 - 130
1,1,1,2,2-Tetrachloroethane	50.0	49.1		ug/Kg		98	70 - 146
Tetrachloroethene	50.0	52.1		ug/Kg		104	70 - 132
Toluene	50.0	49.5		ug/Kg		99	80 - 128
1,2,3-Trichlorobenzene	50.0	53.5		ug/Kg		107	60 - 140
1,2,4-Trichlorobenzene	50.0	55.3		ug/Kg		111	60 - 140
1,1,1-Trichloroethane	50.0	48.4		ug/Kg		97	70 - 130
1,1,2-Trichloroethane	50.0	49.9		ug/Kg		100	70 - 130
Trichloroethene	50.0	53.0		ug/Kg		106	70 - 133
Trichlorofluoromethane	50.0	56.6		ug/Kg		113	60 - 140
1,2,3-Trichloropropane	50.0	49.8		ug/Kg		100	70 - 146
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	50.0		ug/Kg		100	60 - 140
1,2,4-Trimethylbenzene	50.0	50.3		ug/Kg		101	70 - 130
1,3,5-Trimethylbenzene	50.0	51.1		ug/Kg		102	70 - 131
Vinyl acetate	50.0	62.1		ug/Kg		124	38 - 176
Vinyl chloride	50.0	51.1		ug/Kg		102	58 - 125
2,2-Dichloropropane	50.0	49.4		ug/Kg		99	70 - 162

TestAmerica Pleasanton

# QC Sample Results

Client: Pacific States Environmental  
Project/Site: Washington Hospital

TestAmerica Job ID: 720-63685-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 720-178583/7

Matrix: Solid

Analysis Batch: 178583

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene	95		45 - 131
1,2-Dichloroethane-d4 (Surr)	89		60 - 140
Toluene-d8 (Surr)	100		58 - 140

Lab Sample ID: LCSD 720-178583/8

Matrix: Solid

Analysis Batch: 178583

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec.		RPD	Limit
							Limits	RPD		
Methyl tert-butyl ether	50.0	50.7		ug/Kg		101	70 - 144	4	20	
Acetone	250	236		ug/Kg		95	30 - 162	9	30	
Benzene	50.0	48.4		ug/Kg		97	70 - 130	2	20	
Dichlorobromomethane	50.0	49.3		ug/Kg		99	70 - 140	0	20	
Bromobenzene	50.0	51.5		ug/Kg		103	70 - 130	1	20	
Chlorobromomethane	50.0	51.1		ug/Kg		102	70 - 130	1	20	
Bromoform	50.0	50.9		ug/Kg		102	59 - 158	3	20	
Bromomethane	50.0	51.4		ug/Kg		103	59 - 132	2	20	
2-Butanone (MEK)	250	251		ug/Kg		100	53 - 133	9	20	
n-Butylbenzene	50.0	47.8		ug/Kg		96	70 - 142	8	20	
sec-Butylbenzene	50.0	48.4		ug/Kg		97	70 - 136	5	20	
tert-Butylbenzene	50.0	47.9		ug/Kg		96	70 - 130	5	20	
Carbon disulfide	50.0	49.3		ug/Kg		99	60 - 140	2	20	
Carbon tetrachloride	50.0	50.1		ug/Kg		100	70 - 142	2	20	
Chlorobenzene	50.0	48.9		ug/Kg		98	70 - 130	4	20	
Chloroethane	50.0	50.6		ug/Kg		101	65 - 130	2	20	
Chloroform	50.0	48.8		ug/Kg		98	77 - 127	1	20	
Chloromethane	50.0	53.5		ug/Kg		107	55 - 140	3	20	
2-Chlorotoluene	50.0	47.0		ug/Kg		94	70 - 138	4	20	
4-Chlorotoluene	50.0	47.9		ug/Kg		96	70 - 136	4	20	
Chlorodibromomethane	50.0	53.6		ug/Kg		107	70 - 146	2	20	
1,2-Dichlorobenzene	50.0	50.3		ug/Kg		101	70 - 130	2	20	
1,3-Dichlorobenzene	50.0	50.4		ug/Kg		101	70 - 131	4	20	
1,4-Dichlorobenzene	50.0	49.4		ug/Kg		99	70 - 130	6	20	
1,3-Dichloropropane	50.0	50.1		ug/Kg		100	70 - 140	3	20	
1,1-Dichloropropene	50.0	52.8		ug/Kg		106	70 - 130	3	20	
1,2-Dibromo-3-Chloropropane	50.0	54.5		ug/Kg		109	60 - 145	10	20	
Ethylene Dibromide	50.0	52.3		ug/Kg		105	70 - 140	3	20	
Dibromomethane	50.0	51.0		ug/Kg		102	70 - 139	5	20	
Dichlorodifluoromethane	50.0	64.6		ug/Kg		129	37 - 158	4	20	
1,1-Dichloroethane	50.0	50.2		ug/Kg		100	70 - 130	1	20	
1,2-Dichloroethane	50.0	48.5		ug/Kg		97	70 - 130	1	20	
1,1-Dichloroethane	50.0	46.9		ug/Kg		94	76 - 122	2	20	
cis-1,2-Dichloroethane	50.0	49.5		ug/Kg		99	70 - 138	0	20	
trans-1,2-Dichloroethane	50.0	50.3		ug/Kg		101	67 - 130	0	20	
1,2-Dichloropropane	50.0	50.8		ug/Kg		102	73 - 127	0	20	
cis-1,3-Dichloropropene	50.0	53.3		ug/Kg		107	68 - 147	1	20	
trans-1,3-Dichloropropene	50.0	56.9		ug/Kg		114	70 - 155	2	20	
Ethylbenzene	50.0	47.0		ug/Kg		94	80 - 137	5	20	

TestAmerica Pleasanton



# QC Sample Results

Client: Pacific States Environmental  
Project/Site: Washington Hospital

TestAmerica Job ID: 720-63685-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: LCSD 720-178583/8**

**Matrix: Solid**

**Analysis Batch: 178583**

**Client Sample ID: Lab Control Sample Dup**

**Prep Type: Total/NA**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Hexachlorobutadiene	50.0	49.0		ug/Kg		98	70 - 132	14	20
2-Hexanone	250	249		ug/Kg		100	44 - 133	11	20
Isopropylbenzene	50.0	48.4		ug/Kg		97	70 - 130	5	20
4-Isopropyltoluene	50.0	48.3		ug/Kg		97	70 - 133	6	20
Methylene Chloride	50.0	48.3		ug/Kg		97	70 - 134	1	20
4-Methyl-2-pentanone (MIBK)	250	253		ug/Kg		101	60 - 160	10	20
Naphthalene	50.0	52.0		ug/Kg		104	60 - 147	5	20
N-Propylbenzene	50.0	48.6		ug/Kg		97	70 - 130	5	20
Styrene	50.0	49.4		ug/Kg		99	70 - 130	3	20
1,1,1,2-Tetrachloroethane	50.0	50.3		ug/Kg		101	70 - 130	3	20
1,1,1,2,2-Tetrachloroethane	50.0	52.1		ug/Kg		104	70 - 146	6	20
Tetrachloroethene	50.0	50.9		ug/Kg		102	70 - 132	2	20
Toluene	50.0	47.6		ug/Kg		95	80 - 128	4	20
1,2,3-Trichlorobenzene	50.0	52.0		ug/Kg		104	60 - 140	3	20
1,2,4-Trichlorobenzene	50.0	52.1		ug/Kg		104	60 - 140	6	20
1,1,1-Trichloroethane	50.0	47.6		ug/Kg		95	70 - 130	2	20
1,1,2-Trichloroethane	50.0	50.7		ug/Kg		101	70 - 130	2	20
Trichloroethene	50.0	52.0		ug/Kg		104	70 - 133	2	20
Trichlorofluoromethane	50.0	54.5		ug/Kg		109	60 - 140	4	20
1,2,3-Trichloropropane	50.0	51.9		ug/Kg		104	70 - 146	4	20
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	49.1		ug/Kg		98	60 - 140	2	20
1,2,4-Trimethylbenzene	50.0	48.1		ug/Kg		96	70 - 130	4	20
1,3,5-Trimethylbenzene	50.0	48.2		ug/Kg		96	70 - 131	6	20
Vinyl acetate	50.0	65.9		ug/Kg		132	38 - 176	6	20
Vinyl chloride	50.0	48.7		ug/Kg		97	58 - 125	5	20
2,2-Dichloropropane	50.0	48.5		ug/Kg		97	70 - 162	2	20

Surrogate	LCSD		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene	94		45 - 131
1,2-Dichloroethane-d4 (Surr)	92		60 - 140
Toluene-d8 (Surr)	103		58 - 140

## Method: 8270C SIM - Semivolatile Organic Compounds (GC/MS SIM)

**Lab Sample ID: MB 720-178487/1-A**

**Matrix: Solid**

**Analysis Batch: 178564**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

**Prep Batch: 178487**

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Acenaphthene	ND		5.0		ug/Kg		03/27/15 09:42	03/28/15 15:13	1
Acenaphthylene	ND		5.0		ug/Kg		03/27/15 09:42	03/28/15 15:13	1
Anthracene	ND		5.0		ug/Kg		03/27/15 09:42	03/28/15 15:13	1
Benzo[a]anthracene	ND		5.0		ug/Kg		03/27/15 09:42	03/28/15 15:13	1
Benzo[a]pyrene	ND		5.0		ug/Kg		03/27/15 09:42	03/28/15 15:13	1
Benzo[b]fluoranthene	ND		5.0		ug/Kg		03/27/15 09:42	03/28/15 15:13	1
Benzo[g,h,i]perylene	ND		5.0		ug/Kg		03/27/15 09:42	03/28/15 15:13	1
Benzo[k]fluoranthene	ND		5.0		ug/Kg		03/27/15 09:42	03/28/15 15:13	1

TestAmerica Pleasanton

# QC Sample Results

Client: Pacific States Environmental  
Project/Site: Washington Hospital

TestAmerica Job ID: 720-63685-1

## Method: 8270C SIM - Semivolatile Organic Compounds (GC/MS SIM) (Continued)

**Lab Sample ID: MB 720-178487/1-A**

**Matrix: Solid**

**Analysis Batch: 178564**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

**Prep Batch: 178487**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	ND		5.0		ug/Kg		03/27/15 09:42	03/28/15 15:13	1
Dibenz(a,h)anthracene	ND		5.0		ug/Kg		03/27/15 09:42	03/28/15 15:13	1
Fluoranthene	ND		5.0		ug/Kg		03/27/15 09:42	03/28/15 15:13	1
Fluorene	ND		5.0		ug/Kg		03/27/15 09:42	03/28/15 15:13	1
Indeno[1,2,3-cd]pyrene	ND		5.0		ug/Kg		03/27/15 09:42	03/28/15 15:13	1
Naphthalene	ND		5.0		ug/Kg		03/27/15 09:42	03/28/15 15:13	1
Phenanthrene	ND		5.0		ug/Kg		03/27/15 09:42	03/28/15 15:13	1
Pyrene	ND		5.0		ug/Kg		03/27/15 09:42	03/28/15 15:13	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	59		33 - 120	03/27/15 09:42	03/28/15 15:13	1
Terphenyl-d14	91		35 - 146	03/27/15 09:42	03/28/15 15:13	1

**Lab Sample ID: LCS 720-178487/2-A**

**Matrix: Solid**

**Analysis Batch: 178564**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

**Prep Batch: 178487**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acenaphthene	328	208		ug/Kg		63	43 - 120
Acenaphthylene	328	219		ug/Kg		67	46 - 120
Anthracene	328	245		ug/Kg		75	55 - 120
Benzo[a]anthracene	328	299		ug/Kg		91	65 - 120
Benzo[a]pyrene	328	271		ug/Kg		83	62 - 120
Benzo[b]fluoranthene	328	267		ug/Kg		82	60 - 120
Benzo[g,h,i]perylene	328	278		ug/Kg		85	42 - 120
Benzo[k]fluoranthene	328	280		ug/Kg		85	63 - 120
Chrysene	328	291		ug/Kg		89	54 - 120
Dibenz(a,h)anthracene	328	277		ug/Kg		84	51 - 120
Fluoranthene	328	252		ug/Kg		77	59 - 120
Fluorene	328	227		ug/Kg		69	47 - 120
Indeno[1,2,3-cd]pyrene	328	274		ug/Kg		84	50 - 120
Naphthalene	328	200		ug/Kg		61	42 - 120
Phenanthrene	328	236		ug/Kg		72	51 - 120
Pyrene	328	308		ug/Kg		94	63 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2-Fluorobiphenyl	61		33 - 120
Terphenyl-d14	96		35 - 146

**Lab Sample ID: 720-63685-9 MS**

**Matrix: Solid**

**Analysis Batch: 178564**

**Client Sample ID: PS-3-15'**

**Prep Type: Total/NA**

**Prep Batch: 178487**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Acenaphthene	ND		330	232		ug/Kg		71	33 - 120
Acenaphthylene	ND		330	244		ug/Kg		74	28 - 120
Anthracene	ND		330	257		ug/Kg		78	36 - 120
Benzo[a]anthracene	ND		330	307		ug/Kg		93	29 - 120

TestAmerica Pleasanton

# QC Sample Results

Client: Pacific States Environmental  
Project/Site: Washington Hospital

TestAmerica Job ID: 720-63685-1

## Method: 8270C SIM - Semivolatile Organic Compounds (GC/MS SIM) (Continued)

**Lab Sample ID: 720-63685-9 MS**

**Matrix: Solid**

**Analysis Batch: 178564**

**Client Sample ID: PS-3-15'**

**Prep Type: Total/NA**

**Prep Batch: 178487**

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec. Limits
	Result	Qualifier	Added	Result	Qualifier				
Benzo[a]pyrene	ND		330	283		ug/Kg		86	24 - 120
Benzo[b]fluoranthene	ND		330	285		ug/Kg		86	17 - 132
Benzo[g,h,i]perylene	ND		330	290		ug/Kg		88	21 - 120
Benzo[k]fluoranthene	ND		330	288		ug/Kg		88	35 - 120
Chrysene	ND		330	309		ug/Kg		93	29 - 120
Dibenz(a,h)anthracene	ND		330	291		ug/Kg		88	36 - 120
Fluoranthene	ND		330	263		ug/Kg		80	24 - 120
Fluorene	ND		330	252		ug/Kg		76	35 - 120
Indeno[1,2,3-cd]pyrene	ND		330	286		ug/Kg		87	20 - 126
Naphthalene	ND		330	221		ug/Kg		67	32 - 120
Phenanthrene	ND		330	255		ug/Kg		77	28 - 120
Pyrene	ND		330	329		ug/Kg		99	24 - 123

Surrogate	MS	MS	Limits
	%Recovery	Qualifier	
2-Fluorobiphenyl	71		33 - 120
Terphenyl-d14	100		35 - 146

**Lab Sample ID: 720-63685-9 MSD**

**Matrix: Solid**

**Analysis Batch: 178564**

**Client Sample ID: PS-3-15'**

**Prep Type: Total/NA**

**Prep Batch: 178487**

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec. Limits	RPD	
	Result	Qualifier	Added	Result	Qualifier					RPD	Limit
Acenaphthene	ND		328	233		ug/Kg		71	33 - 120	0	20
Acenaphthylene	ND		328	258		ug/Kg		79	28 - 120	6	20
Anthracene	ND		328	255		ug/Kg		78	36 - 120	1	20
Benzo[a]anthracene	ND		328	298		ug/Kg		91	29 - 120	3	20
Benzo[a]pyrene	ND		328	278		ug/Kg		84	24 - 120	2	20
Benzo[b]fluoranthene	ND		328	271		ug/Kg		82	17 - 132	5	20
Benzo[g,h,i]perylene	ND		328	283		ug/Kg		86	21 - 120	2	20
Benzo[k]fluoranthene	ND		328	282		ug/Kg		86	35 - 120	2	20
Chrysene	ND		328	293		ug/Kg		89	29 - 120	5	20
Dibenz(a,h)anthracene	ND		328	286		ug/Kg		87	36 - 120	2	20
Fluoranthene	ND		328	262		ug/Kg		80	24 - 120	0	20
Fluorene	ND		328	251		ug/Kg		77	35 - 120	0	20
Indeno[1,2,3-cd]pyrene	ND		328	281		ug/Kg		86	20 - 126	2	20
Naphthalene	ND		328	224		ug/Kg		68	32 - 120	1	20
Phenanthrene	ND		328	255		ug/Kg		77	28 - 120	0	20
Pyrene	ND		328	317		ug/Kg		96	24 - 123	4	20

Surrogate	MSD	MSD	Limits
	%Recovery	Qualifier	
2-Fluorobiphenyl	73		33 - 120
Terphenyl-d14	95		35 - 146

TestAmerica Pleasanton

# QC Sample Results

Client: Pacific States Environmental  
Project/Site: Washington Hospital

TestAmerica Job ID: 720-63685-1

## Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

**Lab Sample ID: MB 720-178483/1-A**  
**Matrix: Solid**  
**Analysis Batch: 178478**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**  
**Prep Batch: 178483**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		50		ug/Kg		03/27/15 09:33	03/28/15 01:03	1
PCB-1221	ND		50		ug/Kg		03/27/15 09:33	03/28/15 01:03	1
PCB-1232	ND		50		ug/Kg		03/27/15 09:33	03/28/15 01:03	1
PCB-1242	ND		50		ug/Kg		03/27/15 09:33	03/28/15 01:03	1
PCB-1248	ND		50		ug/Kg		03/27/15 09:33	03/28/15 01:03	1
PCB-1254	ND		50		ug/Kg		03/27/15 09:33	03/28/15 01:03	1
PCB-1260	ND		50		ug/Kg		03/27/15 09:33	03/28/15 01:03	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	75		45 - 132	03/27/15 09:33	03/28/15 01:03	1
DCB Decachlorobiphenyl	99		42 - 146	03/27/15 09:33	03/28/15 01:03	1

**Lab Sample ID: LCS 720-178483/2-A**  
**Matrix: Solid**  
**Analysis Batch: 178478**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**  
**Prep Batch: 178483**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1016	130	124		ug/Kg		95	65 - 121
PCB-1260	130	135		ug/Kg		104	68 - 127

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Tetrachloro-m-xylene	83		45 - 132
DCB Decachlorobiphenyl	102		42 - 146

**Lab Sample ID: 720-63685-1 MS**  
**Matrix: Solid**  
**Analysis Batch: 178478**

**Client Sample ID: PS-1-2'**  
**Prep Type: Total/NA**  
**Prep Batch: 178483**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1016	ND		130	121		ug/Kg		93	69 - 120
PCB-1260	ND		130	122		ug/Kg		94	73 - 114

Surrogate	MS %Recovery	MS Qualifier	Limits
Tetrachloro-m-xylene	79		45 - 132
DCB Decachlorobiphenyl	86		42 - 146

**Lab Sample ID: 720-63685-1 MSD**  
**Matrix: Solid**  
**Analysis Batch: 178478**

**Client Sample ID: PS-1-2'**  
**Prep Type: Total/NA**  
**Prep Batch: 178483**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
PCB-1016	ND		129	124		ug/Kg		96	69 - 120	3	20
PCB-1260	ND		129	125		ug/Kg		97	73 - 114	3	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
Tetrachloro-m-xylene	83		45 - 132
DCB Decachlorobiphenyl	92		42 - 146

TestAmerica Pleasanton

# QC Association Summary

Client: Pacific States Environmental  
Project/Site: Washington Hospital

TestAmerica Job ID: 720-63685-1

## GC/MS VOA

### Analysis Batch: 178465

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-63685-3	PS-1-10'	Total/NA	Solid	8260B	178503
720-63685-4	PS-2-1'	Total/NA	Solid	8260B	178503
720-63685-5	PS-2-8'	Total/NA	Solid	8260B	178503
720-63685-7	PS-3-2'	Total/NA	Solid	8260B	178503
720-63685-9	PS-3-15'	Total/NA	Solid	8260B	178503
720-63685-10	PS-4-2'	Total/NA	Solid	8260B	178503
720-63685-11	PS-4-6'	Total/NA	Solid	8260B	178503
720-63685-A-1-J MS	720-63685-A-1-J MS	Total/NA	Solid	8260B	178503
720-63685-A-1-K MSD	720-63685-A-1-K MSD	Total/NA	Solid	8260B	178503
LCS 720-178465/5	Lab Control Sample	Total/NA	Solid	8260B	
LCSD 720-178465/6	Lab Control Sample Dup	Total/NA	Solid	8260B	
MB 720-178465/4	Method Blank	Total/NA	Solid	8260B	

### Prep Batch: 178503

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-63685-3	PS-1-10'	Total/NA	Solid	5030B	
720-63685-4	PS-2-1'	Total/NA	Solid	5030B	
720-63685-5	PS-2-8'	Total/NA	Solid	5030B	
720-63685-7	PS-3-2'	Total/NA	Solid	5030B	
720-63685-9	PS-3-15'	Total/NA	Solid	5030B	
720-63685-10	PS-4-2'	Total/NA	Solid	5030B	
720-63685-11	PS-4-6'	Total/NA	Solid	5030B	
720-63685-A-1-J MS	720-63685-A-1-J MS	Total/NA	Solid	5030B	
720-63685-A-1-K MSD	720-63685-A-1-K MSD	Total/NA	Solid	5030B	

### Analysis Batch: 178583

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-63685-1	PS-1-2'	Total/NA	Solid	8260B	178609
LCS 720-178583/7	Lab Control Sample	Total/NA	Solid	8260B	
LCSD 720-178583/8	Lab Control Sample Dup	Total/NA	Solid	8260B	
MB 720-178583/6	Method Blank	Total/NA	Solid	8260B	

### Prep Batch: 178609

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-63685-1	PS-1-2'	Total/NA	Solid	5030B	

## GC/MS Semi VOA

### Prep Batch: 178487

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-63685-1	PS-1-2'	Total/NA	Solid	3546	
720-63685-3	PS-1-10'	Total/NA	Solid	3546	
720-63685-4	PS-2-1'	Total/NA	Solid	3546	
720-63685-5	PS-2-8'	Total/NA	Solid	3546	
720-63685-7	PS-3-2'	Total/NA	Solid	3546	
720-63685-9	PS-3-15'	Total/NA	Solid	3546	
720-63685-9 MS	PS-3-15'	Total/NA	Solid	3546	
720-63685-9 MSD	PS-3-15'	Total/NA	Solid	3546	
720-63685-10	PS-4-2'	Total/NA	Solid	3546	
720-63685-11	PS-4-6'	Total/NA	Solid	3546	

TestAmerica Pleasanton

# QC Association Summary

Client: Pacific States Environmental  
Project/Site: Washington Hospital

TestAmerica Job ID: 720-63685-1

## GC/MS Semi VOA (Continued)

### Prep Batch: 178487 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 720-178487/2-A	Lab Control Sample	Total/NA	Solid	3546	
MB 720-178487/1-A	Method Blank	Total/NA	Solid	3546	

### Analysis Batch: 178564

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-63685-1	PS-1-2'	Total/NA	Solid	8270C SIM	178487
720-63685-3	PS-1-10'	Total/NA	Solid	8270C SIM	178487
720-63685-4	PS-2-1'	Total/NA	Solid	8270C SIM	178487
720-63685-5	PS-2-8'	Total/NA	Solid	8270C SIM	178487
720-63685-7	PS-3-2'	Total/NA	Solid	8270C SIM	178487
720-63685-9	PS-3-15'	Total/NA	Solid	8270C SIM	178487
720-63685-9 MS	PS-3-15'	Total/NA	Solid	8270C SIM	178487
720-63685-9 MSD	PS-3-15'	Total/NA	Solid	8270C SIM	178487
720-63685-10	PS-4-2'	Total/NA	Solid	8270C SIM	178487
720-63685-11	PS-4-6'	Total/NA	Solid	8270C SIM	178487
LCS 720-178487/2-A	Lab Control Sample	Total/NA	Solid	8270C SIM	178487
MB 720-178487/1-A	Method Blank	Total/NA	Solid	8270C SIM	178487

## GC Semi VOA

### Analysis Batch: 178478

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-63685-1	PS-1-2'	Total/NA	Solid	8082	178483
720-63685-1 MS	PS-1-2'	Total/NA	Solid	8082	178483
720-63685-1 MSD	PS-1-2'	Total/NA	Solid	8082	178483
720-63685-3	PS-1-10'	Total/NA	Solid	8082	178483
720-63685-4	PS-2-1'	Total/NA	Solid	8082	178483
720-63685-5	PS-2-8'	Total/NA	Solid	8082	178483
720-63685-7	PS-3-2'	Total/NA	Solid	8082	178483
720-63685-9	PS-3-15'	Total/NA	Solid	8082	178483
720-63685-10	PS-4-2'	Total/NA	Solid	8082	178483
720-63685-11	PS-4-6'	Total/NA	Solid	8082	178483
LCS 720-178483/2-A	Lab Control Sample	Total/NA	Solid	8082	178483
MB 720-178483/1-A	Method Blank	Total/NA	Solid	8082	178483

### Prep Batch: 178483

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-63685-1	PS-1-2'	Total/NA	Solid	3546	
720-63685-1 MS	PS-1-2'	Total/NA	Solid	3546	
720-63685-1 MSD	PS-1-2'	Total/NA	Solid	3546	
720-63685-3	PS-1-10'	Total/NA	Solid	3546	
720-63685-4	PS-2-1'	Total/NA	Solid	3546	
720-63685-5	PS-2-8'	Total/NA	Solid	3546	
720-63685-7	PS-3-2'	Total/NA	Solid	3546	
720-63685-9	PS-3-15'	Total/NA	Solid	3546	
720-63685-10	PS-4-2'	Total/NA	Solid	3546	
720-63685-11	PS-4-6'	Total/NA	Solid	3546	
LCS 720-178483/2-A	Lab Control Sample	Total/NA	Solid	3546	
MB 720-178483/1-A	Method Blank	Total/NA	Solid	3546	

TestAmerica Pleasanton

# Lab Chronicle

Client: Pacific States Environmental  
Project/Site: Washington Hospital

TestAmerica Job ID: 720-63685-1

## Client Sample ID: PS-1-2'

Lab Sample ID: 720-63685-1

Date Collected: 03/23/15 08:58

Matrix: Solid

Date Received: 03/23/15 16:32

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030B			178609	03/30/15 10:00	PDR	TAL PLS
Total/NA	Analysis	8260B		1	178583	03/30/15 11:04	PDR	TAL PLS
Total/NA	Prep	3546			178487	03/27/15 09:42	DFR	TAL PLS
Total/NA	Analysis	8270C SIM		1	178564	03/28/15 16:46	MQL	TAL PLS
Total/NA	Prep	3546			178483	03/27/15 09:33	AFM	TAL PLS
Total/NA	Analysis	8082		1	178478	03/27/15 22:00	DCH	TAL PLS

## Client Sample ID: PS-1-10'

Lab Sample ID: 720-63685-3

Date Collected: 03/23/15 09:30

Matrix: Solid

Date Received: 03/23/15 16:32

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030B			178503	03/27/15 10:00	PDR	TAL PLS
Total/NA	Analysis	8260B		1	178465	03/27/15 14:44	PDR	TAL PLS
Total/NA	Prep	3546			178487	03/27/15 09:42	DFR	TAL PLS
Total/NA	Analysis	8270C SIM		1	178564	03/28/15 17:09	MQL	TAL PLS
Total/NA	Prep	3546			178483	03/27/15 09:33	AFM	TAL PLS
Total/NA	Analysis	8082		1	178478	03/27/15 22:16	DCH	TAL PLS

## Client Sample ID: PS-2-1'

Lab Sample ID: 720-63685-4

Date Collected: 03/23/15 09:44

Matrix: Solid

Date Received: 03/23/15 16:32

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030B			178503	03/27/15 10:00	PDR	TAL PLS
Total/NA	Analysis	8260B		1	178465	03/27/15 15:15	PDR	TAL PLS
Total/NA	Prep	3546			178487	03/27/15 09:42	DFR	TAL PLS
Total/NA	Analysis	8270C SIM		1	178564	03/28/15 17:32	MQL	TAL PLS
Total/NA	Prep	3546			178483	03/27/15 09:33	AFM	TAL PLS
Total/NA	Analysis	8082		1	178478	03/27/15 22:33	DCH	TAL PLS

## Client Sample ID: PS-2-8'

Lab Sample ID: 720-63685-5

Date Collected: 03/23/15 09:55

Matrix: Solid

Date Received: 03/23/15 16:32

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030B			178503	03/27/15 10:00	PDR	TAL PLS
Total/NA	Analysis	8260B		1	178465	03/27/15 15:45	PDR	TAL PLS
Total/NA	Prep	3546			178487	03/27/15 09:42	DFR	TAL PLS
Total/NA	Analysis	8270C SIM		1	178564	03/28/15 17:56	MQL	TAL PLS
Total/NA	Prep	3546			178483	03/27/15 09:33	AFM	TAL PLS
Total/NA	Analysis	8082		1	178478	03/27/15 22:49	DCH	TAL PLS

TestAmerica Pleasanton

# Lab Chronicle

Client: Pacific States Environmental  
Project/Site: Washington Hospital

TestAmerica Job ID: 720-63685-1

## Client Sample ID: PS-3-2'

Lab Sample ID: 720-63685-7

Date Collected: 03/23/15 10:40

Matrix: Solid

Date Received: 03/23/15 16:32

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030B			178503	03/27/15 10:00	PDR	TAL PLS
Total/NA	Analysis	8260B		1	178465	03/27/15 16:16	PDR	TAL PLS
Total/NA	Prep	3546			178487	03/27/15 09:42	DFR	TAL PLS
Total/NA	Analysis	8270C SIM		1	178564	03/28/15 18:19	MQL	TAL PLS
Total/NA	Prep	3546			178483	03/27/15 09:33	AFM	TAL PLS
Total/NA	Analysis	8082		1	178478	03/27/15 23:06	DCH	TAL PLS

## Client Sample ID: PS-3-15'

Lab Sample ID: 720-63685-9

Date Collected: 03/23/15 10:52

Matrix: Solid

Date Received: 03/23/15 16:32

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030B			178503	03/27/15 10:00	PDR	TAL PLS
Total/NA	Analysis	8260B		1	178465	03/27/15 16:47	PDR	TAL PLS
Total/NA	Prep	3546			178487	03/27/15 09:42	DFR	TAL PLS
Total/NA	Analysis	8270C SIM		1	178564	03/28/15 16:23	MQL	TAL PLS
Total/NA	Prep	3546			178483	03/27/15 09:33	AFM	TAL PLS
Total/NA	Analysis	8082		1	178478	03/27/15 23:23	DCH	TAL PLS

## Client Sample ID: PS-4-2'

Lab Sample ID: 720-63685-10

Date Collected: 03/23/15 11:00

Matrix: Solid

Date Received: 03/23/15 16:32

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030B			178503	03/27/15 10:00	PDR	TAL PLS
Total/NA	Analysis	8260B		1	178465	03/27/15 17:19	PDR	TAL PLS
Total/NA	Prep	3546			178487	03/27/15 09:42	DFR	TAL PLS
Total/NA	Analysis	8270C SIM		1	178564	03/28/15 18:42	MQL	TAL PLS
Total/NA	Prep	3546			178483	03/27/15 09:33	AFM	TAL PLS
Total/NA	Analysis	8082		1	178478	03/27/15 23:39	DCH	TAL PLS

## Client Sample ID: PS-4-6'

Lab Sample ID: 720-63685-11

Date Collected: 03/23/15 11:08

Matrix: Solid

Date Received: 03/23/15 16:32

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030B			178503	03/27/15 10:00	PDR	TAL PLS
Total/NA	Analysis	8260B		1	178465	03/27/15 17:50	PDR	TAL PLS
Total/NA	Prep	3546			178487	03/27/15 09:42	DFR	TAL PLS
Total/NA	Analysis	8270C SIM		1	178564	03/28/15 19:05	MQL	TAL PLS
Total/NA	Prep	3546			178483	03/27/15 09:33	AFM	TAL PLS
Total/NA	Analysis	8082		1	178478	03/27/15 23:56	DCH	TAL PLS

TestAmerica Pleasanton



# Lab Chronicle

Client: Pacific States Environmental  
Project/Site: Washington Hospital

TestAmerica Job ID: 720-63685-1

**Laboratory References:**

= Asbestos TEM Laboratories, Inc., 630 BANCROFT WAY, Berkeley, CA 94710

TAL PLS = TestAmerica Pleasanton, 1220 Quarry Lane, Pleasanton, CA 94566, TEL (925)484-1919

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15
- 16

# Certification Summary

Client: Pacific States Environmental  
Project/Site: Washington Hospital

TestAmerica Job ID: 720-63685-1

## Laboratory: TestAmerica Pleasanton

Unless otherwise noted, all analytes for this laboratory were covered under each certification below.

Authority	Program	EPA Region	Certification ID	Expiration Date
California	State Program	9	2496	01-31-16

Analysis Method	Prep Method	Matrix	Analyte
-----------------	-------------	--------	---------

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15
- 16

# Method Summary

Client: Pacific States Environmental  
Project/Site: Washington Hospital

TestAmerica Job ID: 720-63685-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL PLS
8270C SIM	Semivolatile Organic Compounds (GC/MS SIM)	SW846	TAL PLS
8082	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL PLS
Carb 435	General Sub Contract Method	NONE	

**Protocol References:**

NONE = NONE

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

**Laboratory References:**

= Asbestos TEM Laboratories, Inc., 630 BANCROFT WAY, Berkeley, CA 94710

TAL PLS = TestAmerica Pleasanton, 1220 Quarry Lane, Pleasanton, CA 94566, TEL (925)484-1919



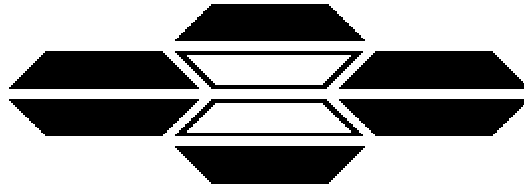
# Sample Summary

Client: Pacific States Environmental  
Project/Site: Washington Hospital

TestAmerica Job ID: 720-63685-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
720-63685-1	PS-1-2'	Solid	03/23/15 08:58	03/23/15 16:32
720-63685-2	PS-1-5'	Solid	03/23/15 09:03	03/23/15 16:32
720-63685-3	PS-1-10'	Solid	03/23/15 09:30	03/23/15 16:32
720-63685-4	PS-2-1'	Solid	03/23/15 09:44	03/23/15 16:32
720-63685-5	PS-2-8'	Solid	03/23/15 09:55	03/23/15 16:32
720-63685-6	PS-2-12'	Solid	03/23/15 10:12	03/23/15 16:32
720-63685-7	PS-3-2'	Solid	03/23/15 10:40	03/23/15 16:32
720-63685-8	PS-3-8'	Solid	03/23/15 10:45	03/23/15 16:32
720-63685-9	PS-3-15'	Solid	03/23/15 10:52	03/23/15 16:32
720-63685-10	PS-4-2'	Solid	03/23/15 11:00	03/23/15 16:32
720-63685-11	PS-4-6'	Solid	03/23/15 11:08	03/23/15 16:32





## **ASBESTOS TEM LABORATORIES, INC.**

### **CARB Method 435 Polarized Light Microscopy Analytical Report**

**Laboratory Job # 1283-00435**

630 Bancroft Way  
Berkeley, CA 94710  
(510) 704-8930  
FAX (510) 704-8429

---



ASBESTOS TEM LABORATORIES, INC

CA DPH ELAP  
Lab No. 1866



NVLAP Lab Code: 101891-0  
Berkeley, CA

Mar/27/2015

Dimple Sharma  
TestAmerica Laboratories, Inc.  
1220 Quarry Lane  
Pleasanton, CA 94566

RE: LABORATORY JOB # 1283-00435  
Polarized light microscopy analytical results for 6 bulk sample(s).  
Job Site: 720-63685-1  
Job No.: Washington Hospital

Enclosed please find the bulk material analytical results for one or more samples submitted for asbestos analysis. The analyses were performed in accordance with the California Air Resources Board (ARB) Method 435 for the determination of asbestos in serpentine aggregate samples.

Prior to analysis, samples are logged-in and all data pertinent to the sample recorded. The samples are checked for damage or disruption of any chain-of-custody seals. A unique laboratory ID number is assigned to each sample. A hard copy log-in sheet containing all pertinent information concerning the sample is generated. This and all other relevant paper work are kept with the sample throughout the analytical procedures to assure proper analysis.

Sample preparation follows a standard CARB 435 prep method. The entire sample is dried at 135-150 C and then crushed to ~3/8" gravel size using a Bico Chipmunk crusher. If the submitted sample is >1 pint, the sample was split using a 1/2" riffle splitter following ASTM Method C-702-98 to obtain a 1 pint aliquot. The entire 1 pint aliquot, or entire original sample, is then pulverized in a Bico Braun disc pulverizer calibrated to produce a nominal 200 mesh final product. If necessary, additional homogenization steps are undertaken using a 3/8" riffle splitter. Small aliquots are collected from throughout the pulverized material to create three separate microscope slide mounts containing the appropriate refractive index oil. The prepared slides are placed under a polarizing light microscope where standard mineralogical techniques are used to analyze the various materials present, including asbestos. If asbestos is identified and of less than 10% concentration by visual area estimate then an additional five sample mounts are prepared. Quantification of asbestos concentration is obtained using the standard CAL ARB Method 435 point count protocol. For samples observed to contain visible asbestos of less than 10% concentration, a point counting technique is used with 50 points counted on each of eight sample mounts for a total of 400 points. The data is then compiled into standard report format and subjected to a thorough quality assurance check before the information is released to the client.

While the CARB 435 method has much to commend it, there are a number of situations where it fails to provide sufficient accuracy to make a definitive determination of the presence/absence of asbestos and/or an accurate count of the asbestos concentration present in a given sample. These problems include, but are not limited to, 1) statistical uncertainty with samples containing <1% asbestos when too few particles are counted, 2) definitive identification and discrimination between various fibrous amphibole minerals such as tremolite/actinolite/hornblende and the "Libby amphiboles" such as tremolite/winchite/richterite/arfvedsonite, and C) small asbestiform fibers which are near or below the resolution limit of the PLM microscope such as those found in various California coast range serpentine bodies. In these cases, further analysis by transmission electron microscopy is recommended to obtain a more accurate result.

Sincerely Yours,

Lab Manager  
ASBESTOS TEM LABORATORIES, INC.

--- These results relate only to the samples tested and must not be reproduced, except in full, without the approval of the laboratory. ---

630 BANCROFT WAY • BERKELEY, CA 94710 • PH. (510) 704-8930 • FAX (510) 704-8429

With Branch Offices Located At: 1350 FREEPORT BLVD. UNIT 104, SPARKS, NV 89431

# POLARIZED LIGHT MICROSCOPY CARB 435 ANALYTICAL REPORT

Page: 1 of

Contact: Dimple Sharma	Samples Submitted: 6	Report No. <b>332686</b>
Address: TestAmerica Laboratories, Inc. 1220 Quarry Lane Pleasanton, CA 94566	Samples Analyzed: 6	Date Submitted: Mar-24-15
	Job Site / No. Washington Hospital 720-63685-1	Date Reported: Mar-27-15

SAMPLE ID	POINTS COUNTED	ASBESTOS % TYPE	LOCATION / DESCRIPTION
PS-1-5' (720-63685-2)		<b>&lt;0.25% None Detected</b>	No Asbestos Observed - ARB Exception I
Lab ID # 1283-00435-001	400 - Total Points		
PS-1-10' (720-63685-3)		<b>&lt;0.25% None Detected</b>	No Asbestos Observed - ARB Exception I
Lab ID # 1283-00435-002	400 - Total Points		
PS-2-12' (720-63685-6)		<b>&lt;0.25% None Detected</b>	No Asbestos Observed - ARB Exception I
Lab ID # 1283-00435-003	400 - Total Points		
PS-3-2' (720-63685-7)		<b>&lt;0.25% None Detected</b>	No Asbestos Observed - ARB Exception I
Lab ID # 1283-00435-004	400 - Total Points		
PS-3-8' (720-63685-8)		<b>&lt;0.25% None Detected</b>	No Asbestos Observed - ARB Exception I
Lab ID # 1283-00435-005	400 - Total Points		
PS-4-2' (720-63685-10)		<b>&lt;0.25% None Detected</b>	No Asbestos Observed - ARB Exception I
Lab ID # 1283-00435-006	400 - Total Points		
Lab ID #	- Total Points		
Lab ID #	- Total Points		
Lab ID #	- Total Points		
Lab ID #	- Total Points		

QC Reviewer Stephanie Aunn

Analyst Jo Ann Huentis

**TestAmerica Pleasanton**

1220 Quarry Lane  
 Pleasanton, CA 94566  
 Phone (925) 484-1919-Fax (925) 600-3002

**Chain of Custody Record**

**TestAmerica**  
 THE LEADER IN ENVIRONMENTAL TESTING

**Client Information (Sub Contract Lab)**

Client Contact: Shipping/Receiving  
 Company: Asbestos TEM Laboratories, Inc.

Address: 630 BANCROFT WAY,  
 Berkeley  
 State, Zip: CA, 94710  
 Phone:  
 Email:

Project Name: Washington Hospital  
 Site:

Lab PM: Sharma, Dimple  
 E-Mail: dimple.sharma@testamericainc.com

Carrier Tracking No(s):  
 Page: Page 1 of 1  
 Job #: 720-63685-1

**Analysis Requested**

Due Date Requested: 3/27/2015  
 TAT Requested (days):

PO #:  
 WO #:  
 Project #:  
 SSW#:

Preservation Codes:  
 A - HCL  
 B - NaOH  
 C - Zn Acetate  
 D - Nitric Acid  
 E - NaHSO4  
 F - MeOH  
 G - Anichlor  
 H - Ascorbic Acid  
 I - Ice  
 J - DI Water  
 K - EDTA  
 L - EDA  
 Other:

M - Hexane  
 N - None  
 O - AsNaO2  
 P - Na2O4S  
 Q - Na2SO3  
 R - Na2SO4  
 S - H2SO4  
 T - TSP Dodecanylolate  
 U - Acetone  
 V - MCAA  
 W - ph 4-5  
 Z - other (specify)

Field Filtered Sample (Yes or No)  
 SUB (Carb 435) Carb 435

Sample Identification - Client ID (Lab ID)

Sample Date

Sample Time

Sample Type (C=Comp, G=grab)

Matrix (Water, Soil, Dioxin/PCB, etc.)

Preservation Code

Total Number of Containers

Special Instructions/Note:

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

Special Instructions/GC Requirements:

Empty Kit Relinquished by:

Relinquished by:

Relinquished by:

Custody Seals Intact:

Method of Shipment:

Received by:

Received by:

Received by:


Cooler Temperature(s) °C and Other Remarks:



Chain of Custody Record

720-63685

1 R.M.V. 5. 10.7.8. 9. 10. 11. 12.

<b>Company:</b> Pacific States Environmental Contractors 11555 Dublin Blvd Dublin, CA Phone: 925-803-4334 Fax: 925-803-4334		<b>Project Name:</b> Washington Hospital Fremont		<b>Sampled By:</b> Bryan Brasasco		<b>Report To:</b> Bryan Evans	
<b>Project Location:</b> 613102		<b>PO/Job #:</b> 613102		<b>Signature:</b> Bryan Brasasco		<b>Date:</b> 3/23/15	
<b>Project Manager:</b> Bryan Brasasco		<b>TestAmerica Quote#:</b> PS2010-001		<b>E-mail: (Preferred Delivery)</b> Evans@pacifstates.net; Bbrasasco@pacifstates.net		<b>Phone:</b> 925-361-1426	
<b>Phone:</b> 925-785-9959		<b>E-Mail:</b> bbrasasco@pacifstates.net		<b>Fax:</b> 925-803-4334		 720-63685 Chain of Custody	
<b>Sample Identification</b>		<b>Sample Date</b>		<b>Sample Time</b>		<b># of Containers</b>	
PS-1-2' -1-5' -1-10' -2-1' -2-8' -2-12' -3-2' -3-8' -3-15' -4-2' -4-6' -4-10'		3/23 8:58 9:03 9:30 9:44 9:55 10:12 10:40 10:45 10:52 11:00 11:08 11:12		1 1cc		Ice	
				<b>Preservative</b>		<b>Matrix</b>	
				<input type="checkbox"/> Groundwater <input type="checkbox"/> Wastewater <input type="checkbox"/> Drinking Water <input type="checkbox"/> Sludge <input type="checkbox"/> Soil <input type="checkbox"/> Other		<input checked="" type="checkbox"/> Filtered Sample	
				<input checked="" type="checkbox"/> VOC (EPA 8260) <input checked="" type="checkbox"/> TPH DRO and Motor Oil (EPA 8015B) <input checked="" type="checkbox"/> w/Silica Gel Cleanup (EPA 3630M) <input checked="" type="checkbox"/> Pesticides (EPA 8081A) <input checked="" type="checkbox"/> PCB's (EPA 8082) <input checked="" type="checkbox"/> SVOC (EPA 8270C) <input checked="" type="checkbox"/> CAM 17 (EPA 6010B) <input checked="" type="checkbox"/> Asbestos CARB 435 PLM <input checked="" type="checkbox"/> PII (EPA 9040) <input checked="" type="checkbox"/> PAH (EPA 8270C SIM) SIM list Only		Turn Around Time Hold	
<b>Preservatives:</b> Iaa, HCl, H2SO4, HNO3, NaOH Possible Hazard Identification <input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown		<b>Special Instructions/QC Requirements &amp; Comments:</b>		<b>Laboratory Comments:</b> X5 Days (standard) <input type="checkbox"/> 72 Hours <input type="checkbox"/> 48 Hours <input type="checkbox"/> 24 Hours <input type="checkbox"/> Other		<b>Temperature:</b> 3/2	
<b>Reinquished by:</b> Bryan Brasasco		<b>Company:</b> PSEL		<b>Date:</b> 3/23/15		<b>Time:</b> 10:30	
<b>Reinquished by:</b>		<b>Company:</b>		<b>Date:</b>		<b>Time:</b>	
<b>Reinquished by:</b>		<b>Company:</b>		<b>Date:</b>		<b>Time:</b>	

## Login Sample Receipt Checklist

Client: Pacific States Environmental

Job Number: 720-63685-1

**Login Number: 63685**

**List Source: TestAmerica Pleasanton**

**List Number: 1**

**Creator: Bullock, Tracy**

Question	Answer	Comment
Radioactivity wasn't checked or is <=/ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	False	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

