

**APPENDIX G - BIVALVE TISSUE SURVEY LABORATORY RESULTS**

Entrix, Inc.  
Pepco Oil Spill Project  
Polycyclic Aromatic Hydrocarbon Data  
Client Submitted Samples

Sample Name	ETX0581.D	ETX0582.D	ETX0583.D	ETX0584.D	ETX0585.D
Client Name	Jack's Bay Rep. 1	Jack's Bay Rep. 2	Sheridan Point Rep. 1	Sheridan Point Rep.2	Hallowing Point Rep. 1
Matrix	Tissue	Tissue	Tissue	Tissue	Tissue
Collection Date	4/10/00	4/10/00	4/10/00	4/10/00	4/10/00
Received Date	4/13/00	4/13/00	4/13/00	4/13/00	4/13/00
Extraction Date	4/13/00	4/13/00	4/13/00	4/13/00	4/13/00
Extraction Batch	ENV 165	ENV 165	ENV 165	ENV 165	ENV 165
Date Acquired	04/16/00	04/16/00	04/16/00	04/16/00	04/16/00
Method	PAH	PAH	PAH	PAH	PAH
Sample Wet Weight (g)	15.2	15.6	15.2	15.3	17.0
% Moisture	90	88	90	90	91
% Dry	10	12	10	10	9
% Lipid Based on Wet Weight	0.3	0.2	0.2	0.3	0.2
% Lipid Based on Dry Weight	2.8	1.7	2.0	2.6	1.8

Target Compounds	Su Corrected Conc. (ng/wet g)	Q	Su Corrected Conc. (ng/wet g)	Q	Su Corrected Conc. (ng/wet g)	Q	Su Corrected Conc. (ng/wet g)	Q	Su Corrected Conc. (ng/wet g)	Q
Naphthalene	<1.0	J UB	1.1	J UB	1.9	J UB	1.2	J UB	3.6	J
C1-Naphthalenes	<1.0	J UB	<1.0	J UB	2.7	J	3.0	J	15.5	
C2-Naphthalenes	<1.0	J UB	1.1	J UB	3.3	J UB	3.6	J UB	10.4	
C3-Naphthalenes	<1.0	J UB	U	U	3.0	J UB	2.0	J UB	6.5	UB
C4-Naphthalenes	U	U	U	U	U	U	U	U	2.4	J UB
Biphenyl	<1.0	J UB	U	U	<1.0	J UB	<1.0	J UB	1.2	J
Acenaphthylene	U	U	U	U	U	U	U	U	<1.0	J
Acenaphthene	<1.0	J	U	U	<1.0	J	U	U	<1.0	J
Fluorene	<1.0	J	<1.0	J	<1.0	J	<1.0	J	1.4	J
C1-Fluorenes	U	U	U	U	1.4	J UB	<1.0	J UB	1.7	J UB
C2-Fluorenes	U	U	U	U	U	U	U	U	1.6	J UB
C3-Fluorenes	U	U	U	U	U	U	U	U	U	U
Anthracene	<1.0	J	<1.0	J	<1.0	J	<1.0	J	<1.0	J
Phenanthrene	<1.0	J UB	<1.0	J UB	1.9	J UB	2.1	J UB	4.0	
C1-Phenanthrenes/Anthracenes	U	U	U	U	U	U	2.1	J UB	4.2	J UB
C2-Phenanthrenes/Anthracenes	U	U	U	U	U	U	U	U	2.4	J UB
C3-Phenanthrenes/Anthracenes	U	U	U	U	U	U	U	U	1.8	J
C4-Phenanthrenes/Anthracenes	U	U	U	U	U	U	U	U	U	U
Dibenzothiophene	<1.0	J	<1.0	J	<1.0	J	<1.0	J	<1.0	J
C1-Dibenzothiophenes	U	U	U	U	U	U	U	U	1.4	J UB
C2-Dibenzothiophenes	U	U	U	U	U	U	U	U	1.7	J
C3-Dibenzothiophenes	U	U	U	U	U	U	U	U	U	U
Fluoranthene	<1.0	J	<1.0	J	<1.0	J	<1.0	J	<1.0	J
Pyrene	<1.0	J	<1.0	J	1.1	J	<1.0	J	<1.0	J
C1-Fluoranthenes/Pyrenes	U	U	U	U	U	U	U	U	<1.0	J
C2-Fluoranthenes/Pyrenes	U	U	U	U	U	U	U	U	U	U
C3-Fluoranthenes/Pyrenes	U	U	U	U	U	U	U	U	U	U
Benz(a)anthracene	<1.0	J	<1.0	J	<1.0	J	<1.0	J	<1.0	J
Chrysene	<1.0	J	<1.0	J	<1.0	J	<1.0	J	<1.0	J
C1-Chrysenes	U	U	U	U	U	U	U	U	U	U
C2-Chrysenes	U	U	U	U	U	U	U	U	U	U
C3-Chrysenes	U	U	U	U	U	U	U	U	U	U
C4-Chrysenes	U	U	U	U	U	U	U	U	U	U
Benzo(b)fluoranthene	<1.0	J UB	1.8	J UB	<1.0	J UB	<1.0	J UB	<1.0	J UB
Benzo(k)fluoranthene	<1.0	J UB	1.7	J	<1.0	J UB	<1.0	J UB	<1.0	J UB
Benzo(e)pyrene	<1.0	J	1.6	J	1.2	J	<1.0	J	<1.0	J
Benzo(a)pyrene	U	U	1.3	J	1.1	J	<1.0	J UB	<1.0	J UB
Perylene	U	U	1.1	J	<1.0	J	<1.0	J	<1.0	J
Indeno(1,2,3-c,d)pyrene	U	U	0.9	J UB	2.2	UB	U	U	U	U
Dibenzo(a,h)anthracene	U	U	1.6	J	<1.0	J UB	<1.0	J UB	U	U
Benzo(g,h,i)perylene	<1.0	J UB	1.4	UB	8.6	J	1.3	UB	<1.0	J UB
<b>Total PAHs</b>		U	13.6		28.4		15.3		59.8	
<b>Selected Ratios</b>										
D2/P2		NA	NA		NA		NA		NA	
D3/P3		NA	NA		NA		NA		NA	
D2/C2		NA	NA		NA		NA		NA	
D3/C3		NA	NA		NA		NA		NA	
<b>Individual Isomers</b>										
2-Methylnaphthalene	<1.0	J UB	<1.0	J UB	1.6	J	1.9	J	9.3	
1-Methylnaphthalene	<1.0	J UB	<1.0	J UB	1.1	J	1.1	J	8.1	
2,6-Dimethylnaphthalene	<1.0	J UB	U	U	1.2	J UB	1.2	J UB	5.0	
1,6,7-Trimethylnaphthalene	<1.0	J	U	U	<1.0	J	<1.0	J	1.6	J
1-Methylphenanthrene	U	U	U	U	<1.0	J UB	<1.0	J UB	1.0	J UB

*Handwritten:* OK 2/19/01

Surrogate (Su)	Su Recovery (%)	Su Recovery (%)	Su Recovery (%)	Su Recovery (%)	Su Recovery (%)
Naphthalene-d8	86	58	78	64	61
Acenaphthene-d10	63	44	54	45	47
Phenanthrene-d10	78	40	51	51	43
Chrysene-d12	47	40	41	41	40
Perylene-d12	72	62	49	35	68

Qualifiers (Q): J=Below the MDL, U=Not detected, B=in procedural blank > 3x MDL, I=Interference, D=Diluted value, NA=Not Applicable, \* =Outside QA limits, refer to narrative

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Entrix, Inc.  
Pepco Oil Spill Project  
Polycyclic Aromatic Hydrocarbon Data  
Client Submitted Samples

Sample Name	ETX0586.D	ETX0587.D	ETX0588.D
Client Name	Hallowing Point Rep. 2	Teagua Point Rep. 1	Teagua Point Rep. 2
Matrix	Tissue	Tissue	Tissue
Collection Date	4/10/00	4/10/00	4/10/00
Received Date	4/13/00	4/13/00	4/13/00
Extraction Date	4/13/00	4/13/00	4/13/00
Extraction Batch	ENV 165	ENV 165	ENV 165
Date Acquired	04/18/00	04/17/00	04/17/00
Method	PAH	PAH	PAH
Sample Wet Weight (g)	16.0	15.1	15.0
% Moisture	90	89	87
% Dry	10	11	13
% Lipid Based on Wet Weight	0.2	0.3	0.3
% Lipid Based on Dry Weight	1.5	3.0	2.1

Target Compounds	Su Corrected Conc. (ng/wet g)	Q	Su Corrected Conc. (ng/wet g)	Q	Su Corrected Conc. (ng/wet g)	Q
Naphthalene	3.4	J	11.4		15.2	
C1-Naphthalenes	13.8		76.4		103	
C2-Naphthalenes	12.2		74.6		96.9	
C3-Naphthalenes	7.3	UB	44.6		61.4	
C4-Naphthalenes	2.1	J UB	17.8		25.5	
Biphenyl	1.0	J	4.4		5.6	
Acenaphthylene	<1.0	J	<1.0	J	<1.0	J
Acenaphthene	<1.0	J	2.9		4.4	
Fluorene	1.2	J	6.6		9.7	
C1-Fluorenes	1.8	J UB	11.7		18.0	
C2-Fluorenes	1.5	J UB	10.5		17.1	
C3-Fluorenes		U		U	11.3	
Anthracene	<1.0	J	1.8	J	1.8	J
Phenanthrene	3.8		17.7		26.6	
C1-Phenanthrenes/Anthracenes	2.9	J UB	22.2		34.8	
C2-Phenanthrenes/Anthracenes	2.2	J UB	20.2		32.9	
C3-Phenanthrenes/Anthracenes		U	7.7		15.1	
C4-Phenanthrenes/Anthracenes		U		U	7.4	
Dibenzothiophene	<1.0	J	2.6		3.4	
C1-Dibenzothiophenes	1.3	J	4.9		7.0	
C2-Dibenzothiophenes		U	5.1		8.3	
C3-Dibenzothiophenes		U	2.2	J	9.5	
Fluoranthene	<1.0	J	1.1	J	6.0	
Pyrene	<1.0	J	3.1	J	22.5	
C1-Fluoranthenes/Pyrenes		U	3.6	J	6.5	J
C2-Fluoranthenes/Pyrenes		U		U	5.9	J
C3-Fluoranthenes/Pyrenes		U		U	5.6	J
Benz(a)anthracene	<1.0	J	<1.0	J	1.1	J
Chrysene	<1.0	J	1.4	J	3.3	
C1-Chrysenes		U		U	6.1	
C2-Chrysenes		U		U	6.9	
C3-Chrysenes		U		U	1.3	J
C4-Chrysenes		U		U		U
Benzo(b)fluoranthene		U	<1.0	J UB	1.2	J UB
Benzo(k)fluoranthene		U	<1.0	J UB	<1.0	J UB
Benzo(e)pyrene		U	<1.0	J	2.1	J
Benzo(a)pyrene		U		U	1.4	J
Perylene		U	<1.0	J	1.0	J
Indeno(1,2,3-c,d)pyrene		U	<1.0	J UB	1.4	J UB
Dibenzo(a,h)anthracene		U		U	<1.0	J UB
Benzo(g,h,i)perylene		U	<1.0	J UB	3.8	
<b>Total PAHs</b>	<b>54.3</b>		<b>355</b>		<b>591</b>	
<b>Selected Ratios</b>						
D2/P2	NA		0.252		0.252	
D3/P3	NA		0.286		0.629	
D2/C2	NA		NA		1.203	
D3/C3	NA		NA		7.308	
<b>Individual Isomers</b>						
2-Methylnaphthalene	8.4		45.9		62.8	
1-Methylnaphthalene	5.5		30.5		40.0	
2,8-Dimethylnaphthalene	4.8		30.9		42.7	
1,8,7-Trimethylnaphthalene	1.2	J	4.8		6.9	
1-Methylphenanthrene	<1.0	J UB	4.9		7.9	

*for  
2/19/01*

Surrogate (Su)	Su Recovery (%)	Su Recovery (%)	Su Recovery (%)
Naphthalene-d8	77	73	59
Acenaphthene-d10	50	54	50
Phenanthrene-d10	58	47	42
Chrysene-d12	49	41	55
Perylene-d12	68	55	46

Qualifiers (Q): J=Below the MDL, U=Not detected, B=In procedural blank > 3x MDL, I=Interference, D=Diluted value, NA=Not Applicable, \*=Outside QA limits, refer to narrative

Sample Name	ETX0925.D	ENV198E.D
Client Name	Jacks Bay #5	Dupl. Jacks Bay #5
Matrix	Tissue	Tissue
Collection Date	5/10/00	5/10/00
Received Date	5/12/00	5/12/00
Extraction Date	5/18/00	5/18/00
Extraction Batch	ENV 198	ENV 198
Date Acquired	05/24/00	05/24/00
Method	PAH	PAH
Sample Wet Weight (g)	7.4	7.6
% Moisture	84	86
% Dry	16	14
% Lipid Based on Wet Weight	0.3	0.3
% Lipid Based on Dry Weight	1.8	2.0

Target Compounds	Su Corrected Conc. (ng/wet g)	Q	Su Corrected Conc. (ng/wet g)	Q	RPD (%)	Q
Naphthalene		2.5 J		2.1 J		
C1-Naphthalenes		U		1.2 J		
C2-Naphthalenes		U		1.7 J		
C3-Naphthalenes		U		2.4 J		
C4-Naphthalenes		U		2.4 J		
Biphenyl	<1.0 J		<1.0 J			
Acenaphthylene		U		U		
Acenaphthene		U		U		
Fluorene		U	<1.0 J			
C1-Fluorenes		U	1.1 J			
C2-Fluorenes		U	2.4 J			
C3-Fluorenes		U				
Anthracene	<1.0 J		<1.0 J			
Phenanthrene	1.2 J		1.7 J			
C1-Phenanthrenes/Anthracenes	5.5 J		4.5 J			
C2-Phenanthrenes/Anthracenes	8.8		9.0		2	
C3-Phenanthrenes/Anthracenes	5.0 J		5.0 J			
C4-Phenanthrenes/Anthracenes		U				
Dibenzothiophene		U	<1.0 J			
C1-Dibenzothiophenes		U	1.6 J			
C2-Dibenzothiophenes		U	2.3 J			
C3-Dibenzothiophenes		U		U		
Fluoranthene	1.2 J		1.3 J			
Pyrene	1.2 J		1.0 J			
C1-Fluoranthenes/Pyrenes	2.3 J		1.4 J			
C2-Fluoranthenes/Pyrenes		U		U		
C3-Fluoranthenes/Pyrenes		U		U		
Benz(a)anthracene	<1.0 J		<1.0 J			
Chrysene	<1.0 J		<1.0 J			
C1-Chrysenes		U	1.1 J			
C2-Chrysenes		U		U		
C3-Chrysenes		U		U		
C4-Chrysenes		U		U		
Benzo(b)fluoranthene		U		U		
Benzo(k)fluoranthene		U		U		
Benzo(a)pyrene		U		U		
Benzo(a)pyrene		U		U		
Perylene		U		U		
Indeno(1,2,3-c,d)pyrene		U		U		
Dibenzo(a,h)anthracene		U		U		
Benzo(g,h,i)perylene		U		U		

Total PAH 29.2 44.2

Selected Ratios

D2/P2	NA	0.256
D3/P3	NA	NA
D2/C2	NA	NA
D3/C3	NA	NA

Individual Isomers

2-Methylnaphthalene	U	<1.0 J
1-Methylnaphthalene	U	<1.0 J
2,8-Dimethylnaphthalene	U	<1.0 J
1,6,7-Trimethylnaphthalene	U	<1.0 J
1-Methylphenanthrene	1.4 J	1.0 J

Surrogate (Su)	Su Recovery (%)	Su Recovery (%)
Naphthalene-d8	48	41
Acenaphthene-d10	51	53
Phenanthrene-d10	65	64
Chrysene-d12	57	65
Perylene-d12	45	49

Qualifiers (Q): J=Below the MDL, U=Not detected, B=In procedural blank > 3x MDL, I=Interference, D=Diluted value, \*=Outside QA limits, refer to narrative

Sample Name	ETX0926.D	ENV198F.D
Client Name	Hollywood Shores #6	Dupl. Hollywood Shores #6
Matrix	Tissue	Tissue
Collection Date	5/10/00	5/10/00
Received Date	5/12/00	5/12/00
Extraction Date	5/18/00	5/18/00
Extraction Batch	ENV 198	ENV 198
Date Acquired	05/25/00	05/01/00
Method	PAH	PAH
Sample Wet Weight (g)	8.3	7.5
% Moisture	83	83
% Dry	17	17
% Lipid Based on Wet Weight	0.3	0.3
% Lipid Based on Dry Weight	1.9	2.0

Target Compounds	Su Corrected Conc. (ng/wet g)	Q	Su Corrected Conc. (ng/wet g)	Q	RPD (%)	Q
Naphthalene		1.2 J		3.4 J		
C1-Naphthalenes		<1.0 J		<1.0 J		
C2-Naphthalenes		1.5 J		3.1 J		
C3-Naphthalenes		3.0 J		3.8 J		
C4-Naphthalenes		4.2 J		6.0		
Biphenyl		<1.0 J		<1.0 J		
Acenaphthylene		U		U		
Acenaphthene		U		U		
Fluorene		U		<1.0 J		
C1-Fluorenes		1.3 J		2.0 J		
C2-Fluorenes		U		4.9 J		
C3-Fluorenes		U		7.8		
Anthracene		<1.0 J		<1.0 J		
Phenanthrene		2.4 J		2.4 J		
C1-Phenanthrenes/Anthracenes		9.0		8.7		3
C2-Phenanthrenes/Anthracenes		28.5		28.2		6
C3-Phenanthrenes/Anthracenes		19.3		21.0		8
C4-Phenanthrenes/Anthracenes		4.1 J		6.7 J		
Dibenzothiophene		U		<1.0 J		
C1-Dibenzothiophenes		2.4 J		2.1 J		
C2-Dibenzothiophenes		7.2		9.2		24
C3-Dibenzothiophenes		5.7		6.5		13
Fluoranthene		3.6		3.7		3
Pyrene		3.4 J		3.5 J		
C1-Fluoranthenes/Pyrenes		6.6		8.5		26
C2-Fluoranthenes/Pyrenes		3.7 J		5.2		
C3-Fluoranthenes/Pyrenes		1.4 J		U		
Benzo(a)anthracene		1.4 J		1.2 J		
Chrysene		3.8		4.1		8
C1-Chrysenes		5.3		6.5		20
C2-Chrysenes		2.4 J		3.0 J		
C3-Chrysenes		U		U		
C4-Chrysenes		U		U		
Benzo(b)fluoranthene		<1.0 J		1.2 J		
Benzo(k)fluoranthene		<1.0 J		<1.0 J		
Benzo(e)pyrene		1.2 J		U		
Benzo(a)pyrene		<1.0 J		U		
Perylene		U		U		
Indeno(1,2,3-c,d)pyrene		U		<1.0 J		
Dibenzo(a,h)anthracene		U		U		
Benzo(g,h,i)perylene		U		U		
<b>Total PAH</b>		<b>124.8</b>		<b>156.8</b>		
<b>Selected Ratios</b>						
D2/P2		0.272		0.326		18
D3/P3		0.295		0.310		5
D2/C2		3.000		3.067		2
D3/C3		NA		NA		
<b>Individual Isomers</b>						
2-Methylnaphthalene		<1.0 J		<1.0 J		
1-Methylnaphthalene		<1.0 J		<1.0 J		
2,6-Dimethylnaphthalene		<1.0 J		<1.0 J		
1,8,7-Trimethylnaphthalene		<1.0 J		<1.0 J		
1-Methylphenanthrene		2.4 J		2.6 J		

Surrogate (Su)	Su Recovery (%)	Su Recovery (%)
Naphthalene-d8	47	56
Acenaphthene-d10	59	54
Phenanthrene-d10	55	61
Chrysene-d12	57	72
Perylene-d12	38	59

Qualifiers (Q): J=Below the MDL, U=Not detected, B=In procedural blank > 3x MDL, I=Interference, D=Diluted value, \* =Outside QA limits, refer to narrative

Sample Name	ETX0937.D	ENV198G.D
Client Name	JB-2 Fillet	Dupl. JB-2 Fillet
Matrix	Tissue	Tissue
Collection Date	5/10/00	5/10/00
Received Date	5/12/00	5/12/00
Extraction Date	5/18/00	5/18/00
Extraction Batch	ENV 198	ENV 198
Date Acquired	05/24/00	05/24/00
Method	PAH	PAH
Sample Wet Weight (g)	6.1	6.1
% Moisture	82	82
% Dry	18	18
% Lipid Based on Wet Weight	0.4	0.5
% Lipid Based on Dry Weight	2.3	2.8

Target Compounds	Su Corrected Conc. (ng/wet g)	Q	Su Corrected Conc. (ng/wet g)	Q	RPD (%)	Q
Naphthalene	3.6	J	3.4	J		
C1-Naphthalenes		U	1.1	J		
C2-Naphthalenes		U		U		
C3-Naphthalenes		U		U		
C4-Naphthalenes		U		U		
Biphenyl	<1.0	J	<1.0	J		
Acenaphthylene		U		U		
Acenaphthene		U		U		
Fluorene		U		U		
C1-Fluorenes		U		U		
C2-Fluorenes		U		U		
C3-Fluorenes		U		U		
Anthracene		U	<1.0	J		
Phenanthrene		U	<1.0	J		
C1-Phenanthrenes/Anthracenes		U		U		
C2-Phenanthrenes/Anthracenes		U		U		
C3-Phenanthrenes/Anthracenes		U		U		
C4-Phenanthrenes/Anthracenes		U		U		
Dibenzothiophene		U		U		
C1-Dibenzothiophenes		U		U		
C2-Dibenzothiophenes		U		U		
C3-Dibenzothiophenes		U		U		
Fluoranthene	<1.0	J	<1.0	J		
Pyrene	<1.0	J	<1.0	J		
C1-Fluoranthenes/Pyrenes		U		U		
C2-Fluoranthenes/Pyrenes		U		U		
C3-Fluoranthenes/Pyrenes		U		U		
Benz(a)anthracene		U		U		
Chrysene		U		U		
C1-Chrysenes		U		U		
C2-Chrysenes		U		U		
C3-Chrysenes		U		U		
C4-Chrysenes		U		U		
Benzo(b)fluoranthene		U		U		
Benzo(k)fluoranthene		U		U		
Benzo(e)pyrene		U		U		
Benzo(a)pyrene		U		U		
Perylene		U		U		
Indeno(1,2,3-c,d)pyrene		U		U		
Dibenzo(a,h)anthracene		U		U		
Benzo(g,h,i)perylene		U		U		
<b>Total PAH</b>	<b>5.5</b>		<b>6.6</b>			
<b>Selected Ratios</b>						
D2/P2		NA		NA		
D3/P3		NA		NA		
D2/C2		NA		NA		
D3/C3		NA		NA		
<b>Individual Isomers</b>						
2-Methylnaphthalene		U	<1.0	J		
1-Methylnaphthalene		U	<1.0	J		
2,6-Dimethylnaphthalene		U	<1.0	J		
1,8,7-Trimethylnaphthalene		U	<1.0	J		
1-Methylphenanthrene		U		U		

Surrogate (Su)	Su Recovery (%)	Su Recovery (%)
Naphthalene-d8	46	52
Acenaphthene-d10	52	64
Phenanthrene-d10	61	84
Chrysene-d12	55	94
Perylene-d12	44	52

Qualifiers (Q): J=Below the MDL, U=Not detected, B=In procedural blank > 3x MDL, I=Interference, D=Diluted value, \*=Outside QA limits, refer to narrative

Entrix, Inc.  
Pecco Oil Spill Project  
Polycyclic Aromatic Hydrocarbon Data  
Client Submitted Samples

Sample Name	ETX0922.D	ETX0923.D	ETX0924.D
Client Name	Teague Pt./Buena Vista #2	Hallowing Point #3	Sheridan Point #4
Matrix	Tissue	Tissue	Tissue
Collection Date	5/10/00	5/10/00	5/10/00
Received Date	5/12/00	5/12/00	5/12/00
Extraction Date	5/30/00	5/30/00	5/30/00
Extraction Batch	ENV 203	ENV 203	ENV 203
Date Acquired	06/05/00	06/05/00	06/05/00
Method	PAH	PAH	PAH
Sample Wet Weight (g)	7.1	7.1	7.7
% Moisture	89	83	80
% Dry	11	17	20
% Lipid Based on Wet Weight	NA	NA	NA
% Lipid Based on Dry Weight	NA	NA	NA

Target Compounds	Su Corrected Conc. (ng/wet g)	Q	Su Corrected Conc. (ng/wet g)	Q	Su Corrected Conc. (ng/wet g)	Q
Naphthalene	2.1	J UB	2.2	J UB	2.0	J UB
C1-Naphthalenes	4.0	J UB	2.0	J UB	1.9	J UB
C2-Naphthalenes	12.7		3.6	J	2.1	J
C3-Naphthalenes	54.6		9.2		4.6	J
C4-Naphthalenes	118		16.9		8.7	
Biphenyl	<1.0	J UB	<1.0	J UB	<1.0	J UB
Acenaphthylene	<1.0	J	<1.0	J	<1.0	J
Acenaphthene	<1.0	J	<1.0	J	<1.0	J
Fluorene	1.4	J	<1.0	J	<1.0	J
C1-Fluorenes	15.5		3.3	J	2.1	J
C2-Fluorenes	82.3		13.7		7.9	
C3-Fluorenes	157		17.9		9.8	
Anthracene	1.4	J	<1.0	J	<1.0	J
Phenanthrene	6.9		1.8	J	1.6	J
C1-Phenanthrenes/Anthracenes	105		20.5		12.6	
C2-Phenanthrenes/Anthracenes	364		57.1		34.2	
C3-Phenanthrenes/Anthracenes	463		42.7		22.0	
C4-Phenanthrenes/Anthracenes	269		15.8		4.0	J
Dibenzothiophene	<1.0	J	<1.0	J	<1.0	J
C1-Dibenzothiophenes	16.0		3.3	J	2.2	J
C2-Dibenzothiophenes	87.1		13.4		7.9	
C3-Dibenzothiophenes	129		12.3		6.5	
Fluoranthene	10.6		3.0		2.0	J
Pyrene	30.2		7.1		4.2	
C1-Fluoranthenes/Pyrenes	128		16.2		7.2	J
C2-Fluoranthenes/Pyrenes	205		15.5		6.0	J
C3-Fluoranthenes/Pyrenes	95.5		3.7	J	1.6	J
Benz(a)anthracene	38.0		3.5		1.4	J
Chrysene	65.4		8.3		4.2	
C1-Chrysenes	187		11.7		4.6	J
C2-Chrysenes	146		6.2		2.2	J
C3-Chrysenes	46.4		1.5	J		U
C4-Chrysenes	2.0	J		U		U
Benzo(b)fluoranthene	7.3		<1.0	J	<1.0	J
Benzo(k)fluoranthene	1.9	J	<1.0	J	<1.0	J
Benzo(e)pyrene	13.6		1.0	J	<1.0	J
Benzo(a)pyrene	6.9		<1.0	J	<1.0	J
Perylene	6.2		<1.0	J	<1.0	J
Indeno(1,2,3-c,d)pyrene	1.1	J	<1.0	J	<1.0	J
Dibenzo(a,h)anthracene	1.4		<1.0	J		U
Benzo(g,h,i)perylene	1.9		<1.0	J	<1.0	J
<b>Total PAHs</b>	<b>2890</b>		<b>318</b>		<b>167</b>	
<b>Selected Ratios</b>						
D2/P2	0.239		0.235		0.231	
D3/P3	0.279		0.288		0.295	
D2/C2	0.597		2.161		3.591	
D3/C3	2.780		8.200		NA	
<b>Individual Isomers</b>						
2-Methylnaphthalene	2.7	J UB	1.3	J UB	1.2	J UB
1-Methylnaphthalene	1.4	J UB	<1.0	J UB	<1.0	J UB
2,6-Dimethylnaphthalene	4.9		2.0	J	1.0	J
1,6,7-Trimethylnaphthalene	5.6		<1.0	J	<1.0	J
1-Methylphenanthrene	15.8		4.1		2.3	J

*L. Wilhelm*  
*jm*  
*12/14/00*

Surrogate (Su)	Su Recovery (%)	Su Recovery (%)	Su Recovery (%)
Naphthalene-d8	60	62	70
Acenaphthene-d10	61	59	56
Phenanthrene-d10	58	61	69
Chrysene-d12	66	80	75
Perylene-d12	50	48	42

Qualifiers (Q): J=Below the MDL, U=Not detected, B=In procedural blank > 3x MDL, I=Interference, D=Diluted value, \*=Outside QA limits, refer to narrative

Sample Name	ETX0953.D	ETX0954.D	ETX0955.D
Client Name	Station 1 Bueno Vista	Station 2/Jack's Marsh (1 of 2)	Station 2/ Jack's Marsh (2 of 2)
Matrix	Tissue	Tissue	Tissue
Collection Date	6/19/00	6/19/00	6/19/00
Received Date	6/20/00	6/20/00	6/20/00
Extraction Date	6/22/00	6/22/00	6/22/00
Extraction Batch	ENV 219	ENV 219	ENV 219
Date Acquired	06/30/00	06/30/00	06/30/00
Method	PAH	PAH	PAH
Sample Wet Weight (g)	7.1	7.2	7.4
% Moisture	87	86	76
% Dry	13	14	24
% Lipid Based on Wet Weight	0.8	0.9	1.7
% Lipid Based on Dry Weight	6.1	6.6	7.3

Target Compounds	Su Corrected Conc. (ng/wet g)	Q	Su Corrected Conc. (ng/wet g)	Q	Su Corrected Conc. (ng/wet g)	Q
Naphthalene	3.4	JUB	3.7	JUB	4.4	JUB
C1-Naphthalenes	1.1	JUB	1.7	JUB	2.7	JUB
C2-Naphthalenes	1.3	J	1.1	J	3.3	J
C3-Naphthalenes	3.6	J	1.7	J	10.8	J
C4-Naphthalenes	10.3	J	3.5	J	19.2	J
Biphenyl	<1.0	JUB	<1.0	JUB	1.0	JUB
Acenaphthylene	<1.0	J	<1.0	J	<1.0	J
Acenaphthene	<1.0	J	<1.0	J	<1.0	J
Fluorene	<1.0	J	<1.0	J	<1.0	J
C1-Fluorenes	1.4	J	<1.0	J	5.5	J
C2-Fluorenes	8.7	J	3.4	J	19.1	J
C3-Fluorenes	21.9	J	5.0	J	21.7	J
Anthracene	<1.0	J	<1.0	J	<1.0	J
Phenanthrene	<1.0	JUB	<1.0	JUB	5.3	J
C1-Phenanthrenes/Anthracenes	7.9	J	3.4	J	25.7	J
C2-Phenanthrenes/Anthracenes	39.7	J	7.8	J	45.8	J
C3-Phenanthrenes/Anthracenes	73.5	J	9.1	J	34.4	J
C4-Phenanthrenes/Anthracenes	60.9	J	6.1	J	14.7	J
Dibenzothiophene	<1.0	J	<1.0	J	<1.0	J
C1-Dibenzothiophenes	2.4	J	<1.0	J	4.9	J
C2-Dibenzothiophenes	10.8	J	1.9	J	11.0	J
C3-Dibenzothiophenes	21.2	J	2.5	J	8.3	J
Fluoranthene	4.2	J	2.0	J	6.9	J
Pyrene	9.0	J	2.0	J	8.9	J
C1-Fluoranthenes/Pyrenes	23.7	J	3.0	J	13.1	J
C2-Fluoranthenes/Pyrenes	43.4	J	3.6	J	12.2	J
C3-Fluoranthenes/Pyrenes	28.8	J	1.6	J	4.3	J
Benz(a)anthracene	3.8	J	<1.0	J	1.9	J
Chrysene	11.8	J	2.0	J	7.4	J
C1-Chrysenes	29.3	J	2.6	J	8.0	J
C2-Chrysenes	21.6	J	2.0	J	4.2	J
C3-Chrysenes	8.0	J	U	U	U	U
C4-Chrysenes	U	U	U	U	U	U
Benzo(b)fluoranthene	3.0	J	<1.0	J	1.1	J
Benzo(k)fluoranthene	1.2	J	<1.0	J	<1.0	J
Benzo(a)pyrene	4.9	J	<1.0	J	2.3	J
Benzo(a)pyrene	1.6	J	<1.0	J	<1.0	J
Perylene	4.7	J	<1.0	J	1.0	J
Indeno(1,2,3-c,d)pyrene	<1.0	J	<1.0	J	<1.0	J
Dibenzo(a,h)anthracene	<1.0	J	U	U	<1.0	J
Benzo(g,h,i)perylene	<1.0	J	<1.0	J	<1.0	J
<b>Total PAHs</b>	<b>467</b>		<b>69.7</b>		<b>309</b>	
<b>Selected Ratios</b>						
D2/P2	0.272		0.244		0.240	
D3/P3	0.288		0.275		0.241	
D2/C2	0.500		0.950		2.619	
D3/C3	2.650		ND		ND	
<b>Individual Isomers</b>						
2-Methylnaphthalene	<1.0	JUB	1.2	JUB	1.9	JUB
1-Methylnaphthalene	<1.0	JUB	<1.0	JUB	<1.0	JUB
2,6-Dimethylnaphthalene	<1.0	J	<1.0	J	1.7	J
1,6,7-Trimethylnaphthalene	<1.0	J	<1.0	J	1.6	J
1-Methylphenanthrene	2.1	J	<1.0	J	6.5	J

*Handwritten:* JUB 10/20/00

Surrogate (Su)	Su Recovery (%)	Su Recovery (%)	Su Recovery (%)
Naphthalene-d8	61	57	51
Acenaphthene-d10	62	55	48
Phenanthrene-d10	58	49	41
Chrysene-d12	60	49	42
Perylene-d12	57	49	41

Qualifiers (Q): J=Below the MDL, U=Not detected, B=in procedural blank > 3x MDL, I=Interference, D=Diluted value, \*=Outside QA limits, refer to narrative



Entrix, Inc.  
Pepco Oil Spill Project  
Polycyclic Aromatic Hydrocarbon Data  
Duplicate Report

Sample Name	ETX0953.D	ENV219E.D
Client Name	Station 1 Bueno Vista	Station 1 (Bueno Vista) Dup.
Matrix	Tissue	Tissue
Collection Date	6/19/00	6/19/00
Received Date	6/20/00	6/20/00
Extraction Date	6/22/00	6/22/00
Extraction Batch	ENV 219	ENV 219
Date Acquired	06/30/00	07/01/00
Method	PAH	PAH
Sample Wet Weight (g)	7.1	7.3
% Moisture	87	87
% Dry	13	13
% Lipid Based on Wet Weight	0.8	0.7
% Lipid Based on Dry Weight	6.1	4.9

Target Compounds	Su Corrected Conc. (ng/dry) <i>wet</i>	Q	Su Corrected Conc. (ng/dry) <i>wet</i>	Q	RPD (%)	Q
Naphthalene	3.4	J	3.0	J		
C1-Naphthalenes	1.1	J	1.3	J		
C2-Naphthalenes	1.3	J	1.2	J		
C3-Naphthalenes	3.6	J	3.5	J		
C4-Naphthalenes	10.3		9.8		5	
Biphenyl	<1.0	J	1.0	J		
Acenaphthylene	<1.0	J	<1.0	J		
Acenaphthene	<1.0	J	<1.0	J		
Fluorene	<1.0	J	<1.0	J		
C1-Fluorenes	1.4	J	1.5	J		
C2-Fluorenes	8.7		7.9		10	
C3-Fluorenes	21.9		19.9		10	
Anthracene	<1.0	J	<1.0	J		
Phenanthrene	<1.0	J	<1.0	J		
C1-Phenanthrenes/Anthracenes	7.9		7.5		5	
C2-Phenanthrenes/Anthracenes	39.7		39.5		1	
C3-Phenanthrenes/Anthracenes	73.5		73.3		0	
C4-Phenanthrenes/Anthracenes	60.9		54.4		11	
Dibenzothiophene	<1.0	J	<1.0	J		
C1-Dibenzothiophenes	2.4	J	2.1	J		
C2-Dibenzothiophenes	10.8		11.1		3	
C3-Dibenzothiophenes	21.2		20.5		3	
Fluoranthene	4.2		4.1		2	
Pyrene	9.0		9.0		0	
C1-Fluoranthenes/Pyrenes	23.7		22.3		6	
C2-Fluoranthenes/Pyrenes	43.4		42.5		2	
C3-Fluoranthenes/Pyrenes	28.8		24.7		15	
Benz(a)anthracene	3.8		3.8		0	
Chrysene	11.8		12.1		3	
C1-Chrysenes	29.3		30.0		2	
C2-Chrysenes	21.6		22.0		2	
C3-Chrysenes	8.0		8.8		10	
C4-Chrysenes		U		U		
Benzo(b)fluoranthene	3.0		2.7		9	
Benzo(k)fluoranthene	1.2	J	1.4	J		
Benzo(e)pyrene	4.9		5.2		7	
Benzo(a)pyrene	1.8	J	1.3	J		
Perylene	4.7		4.4		6	
Indeno(1,2,3-c,d)pyrene	<1.0	J	<1.0	J		
Dibenzo(a,h)anthracene	<1.0	J	<1.0	J		
Benzo(g,h,i)perylene	<1.0	J	<1.0	J		
<b>Total PAH</b>	<b>467</b>		<b>452</b>			
<b>Selected Ratios</b>						
D2/P2	0.272		0.281		3	
D3/P3	0.288		0.280		3	
D2/C2	0.500		0.505		1	
D3/C3	2.650		2.327		13	
<b>Individual Isomers</b>						
2-Methylnaphthalene	<1.0	J	<1.0	J		
1-Methylnaphthalene	<1.0	J	<1.0	J		
2,6-Dimethylnaphthalene	<1.0	J	<1.0	J		
1,8,7-Trimethylnaphthalene	<1.0	J	<1.0	J		
1-Methylphenanthrene	2.1	J	2.1	J		

*JM 10-31-00*

Surrogate (Su)	Su Recovery (%)	Su Recovery (%)
Naphthalene-d8	81	54
Acenaphthene-d10	62	57
Phenanthrene-d10	58	49
Chrysene-d12	60	53
Perylene-d12	57	50

Qualifiers (Q): J=Below the MDL, U=Not detected, B=In procedural blank > 3x MDL, I=Interference, D=Diluted value, \* =Outside QA limits, refer to narrative

Entrix, Inc.  
Pepco Oil Spill Project  
Polycyclic Aromatic Hydrocarbon Data  
Client Submitted Samples

Sample Name	ETX1370.D	ETX1371.D	ETX1372.D	ETX1373.D
Client Name	Brooms Island #1A 1/4 & 2/4	Brooms Island #1A 3/4 & 4/4	Jack's Bay #1 1/4 & 2/4	Jack's Bay #1 3/4 & 4/4
Matrix	Tissue	Tissue	Tissue	Tissue
Collection Date	8/10/00	8/10/00	8/10/00	8/10/00
Received Date	8/12/00	8/12/00	8/12/00	8/12/00
Extraction Date	8/16/00	8/16/00	8/16/00	8/16/00
Extraction Batch	ENV 256	ENV 256	ENV 256	ENV 256
Date Acquired	08/23/00	08/23/00	08/23/00	08/23/00
Method	PAH	PAH	PAH	PAH
Sample Wet Weight (g)	15.1	15.3	15.1	15.2
% Moisture	90.6	93.7	92.5	94.7
% Dry	9.4	6.3	7.5	5.3
% Lipid Based on Wet Weight	0.1	0.2	0.6	0.3
% Lipid Based on Dry Weight	1.4	2.8	7.6	4.8

Target Compounds	Su Corrected Conc. (ng/wet g)	Q	Su Corrected Conc. (ng/wet g)	Q	Su Corrected Conc. (ng/wet g)	Q	Su Corrected Conc. (ng/wet g)	Q
Naphthalene	1.7	J	2.2	J	1.5	J	1.5	J
C1-Naphthalenes	<1.0	J	<1.0	J	<1.0	J	<1.0	J
C2-Naphthalenes	<1.0	J <sup>UB</sup>	1.0	J	<1.0	J <sup>UB</sup>	<1.0	J <sup>UB</sup>
C3-Naphthalenes	<1.0	J	1.1	J	<1.0	J	<1.0	J
C4-Naphthalenes	<1.0	J	1.2	J	1.2	J	1.0	J
Biphenyl	<1.0	J	<1.0	J	<1.0	J	<1.0	J
Acanaphthylene	<1.0	J	<1.0	J	<1.0	J	<1.0	J
Acanaphthene	<1.0	J	<1.0	J	<1.0	J	<1.0	J
Fluorene	<1.0	J	<1.0	J	<1.0	J	<1.0	J
C1-Fluorenes	<1.0	J	<1.0	J	<1.0	J	<1.0	J
C2-Fluorenes	<1.0	J	<1.0	J	1.0	J	<1.0	J
C3-Fluorenes	U		<1.0	J	<1.0	J	1.4	J
Anthracene	U		<1.0	J	<1.0	J	<1.0	J
Phenanthrene	<1.0	J	<1.0	J	<1.0	J	<1.0	J
C1-Phenanthrenes/Anthracenes	<1.0	J	<1.0	J	<1.0	J	<1.0	J
C2-Phenanthrenes/Anthracenes	<1.0	J	1.3	J	1.4	J	1.1	J
C3-Phenanthrenes/Anthracenes	<1.0	J	1.3	J	1.1	J	1.0	J
C4-Phenanthrenes/Anthracenes	U		<1.0	J	<1.0	J	<1.0	J
Dibenzothiophene	U		<1.0	J	U		U	
C1-Dibenzothiophenes	<1.0	J	<1.0	J	<1.0	J	<1.0	J
C2-Dibenzothiophenes	U		<1.0	J	<1.0	J	<1.0	J
C3-Dibenzothiophenes	U		<1.0	J	<1.0	J	<1.0	J
Fluoranthene	<1.0	J	1.2	J	2.4	J	1.7	J
Pyrene	<1.0	J	<1.0	J	1.1	J	<1.0	J
C1-Fluoranthenes/Pyrenes	<1.0	J	<1.0	J	<1.0	J	<1.0	J
C2-Fluoranthenes/Pyrenes	U		<1.0	J	<1.0	J	<1.0	J
C3-Fluoranthenes/Pyrenes	U		<1.0	J	U		U	
Benz(a)anthracene	<1.0	J	<1.0	J	<1.0	J	<1.0	J
Chrysene	<1.0	J	<1.0	J	1.0	J	<1.0	J
C1-Chrysenes	U		<1.0	J	<1.0	J	<1.0	J
C2-Chrysenes	U		<1.0	J	U		<1.0	J
C3-Chrysenes	U		U		U		U	
C4-Chrysenes	U		U		U		U	
Benzo(b)fluoranthene	<1.0	J	<1.0	J	<1.0	J	<1.0	J
Benzo(k)fluoranthene	U		<1.0	J	<1.0	J	<1.0	J
Benzo(e)pyrene	<1.0	J	<1.0	J	<1.0	J	<1.0	J
Benzo(a)pyrene	U		U		U		U	
Perylene	U		<1.0	J	<1.0	J	<1.0	J
Indeno(1,2,3-c,d)pyrene	U		<1.0	J	U		U	
Dibenzo(a,h)anthracene	U		U		U		U	
Benzo(g,h,i)perylene	<1.0	J	<1.0	J	U		U	
<b>Total PAH</b>	<b>1.7</b>		<b>9.3</b>		<b>10.7</b>		<b>7.7</b>	
<b>Selected Ratios</b>								
D2/P2	NA		NA		NA		NA	
D3/P3	NA		NA		NA		NA	
D2/C2	NA		NA		NA		NA	
D3/C3	NA		NA		NA		NA	
<b>Individual Isomers</b>								
2-Methylnaphthalene	<1.0	J	<1.0	J	<1.0	J	<1.0	J
1-Methylnaphthalene	<1.0	J	<1.0	J	<1.0	J	<1.0	J
2,6-Dimethylnaphthalene	<1.0	J	<1.0	J	<1.0	J	<1.0	J
1,6,7-Trimethylnaphthalene	<1.0	J	<1.0	J	<1.0	J	U	
1-Methylphenanthrene	<1.0	J	<1.0	J	<1.0	J	<1.0	J
<b>Surrogate (Su)</b>	<b>Su Recovery (%)</b>		<b>Su Recovery (%)</b>		<b>Su Recovery (%)</b>		<b>Su Recovery (%)</b>	
Naphthalene-d8	62		60		65		42	
Acanaphthene-d10	58		53		71		46	
Phenanthrene-d10	52		47		69		42	
Chrysene-d12	62		51		76		48	

Qualifiers (Q): J=Below the MDL, U=Not detected, B=in procedural blank > 3x MDL, I=interference, D=Diluted value, NA=Not Applicable, \*=Outside QA limits, refer to narrative

Entrix, Inc.  
Pepco Oil Spill Project  
Polycyclic Aromatic Hydrocarbon Data  
Client Submitted Samples

Sample Name	ETX1374.D	ETX1375.D	ETX1376.D	ETX1377.D
Client Name	Sheridan Point #2 1/4 & 2/4	Sheridan Point #2 3/4 & 4/4	Hallowing Pt. #3 1/4 & 2/4	Hallowing Pt. #3 3/4 & 4/4
Matrix	Tissue	Tissue	Tissue	Tissue
Collection Date	8/10/00	8/10/00	8/10/00	8/10/00
Received Date	8/12/00	8/12/00	8/12/00	8/12/00
Extraction Date	8/16/00	8/16/00	8/16/00	8/16/00
Extraction Batch	ENV 256	ENV 256	ENV 256	ENV 256
Date Acquired	08/23/00	08/23/00	08/23/00	08/23/00
Method	PAH	PAH	PAH	PAH
Sample Wet Weight (g)	15.0	15.2	15.0	15.2
% Moisture	93.7	92.5	90.9	92.1
% Dry	6.3	7.5	9.1	7.9
% Lipid Based on Wet Weight	0.1	0.3	0.2	0.2
% Lipid Based on Dry Weight	2.3	3.4	2.5	2.8

Target Compounds	Su Corrected Conc. (ng/wet g)	Q	Su Corrected Conc. (ng/wet g)	Q	Su Corrected Conc. (ng/wet g)	Q	Su Corrected Conc. (ng/wet g)	Q
Naphthalene	1.8	J	1.3	J	2.0	J	1.0	J
C1-Naphthalenes	<1.0	J	<1.0	J	<1.0	J	<1.0	J
C2-Naphthalenes	<1.0	J	<1.0	J	<1.0	J	<1.0	J
C3-Naphthalenes	<1.0	J	1.4	J	1.2	J	<1.0	J
C4-Naphthalenes	1.2	J	1.8	J	2.1	J	1.3	J
Biphenyl	<1.0	J	<1.0	J	<1.0	J	<1.0	J
Acenaphthylene	<1.0	J	<1.0	J	<1.0	J	<1.0	J
Acenaphthene	<1.0	J	<1.0	J	<1.0	J	<1.0	J
Fluorene	<1.0	J	<1.0	J	<1.0	J	<1.0	J
C1-Fluorenes	<1.0	J	<1.0	J	<1.0	J	<1.0	J
C2-Fluorenes	<1.0	J	1.2	J	1.0	J	<1.0	J
C3-Fluorenes	1.1	J	1.8	J	2.2	J	1.4	J
Anthracene	<1.0	J	<1.0	J	<1.0	J	<1.0	J
Phenanthrene	<1.0	J	<1.0	J	<1.0	J	<1.0	J
C1-Phenanthrenes/Anthracenes	<1.0	J	1.2	J	1.1	J	<1.0	J
C2-Phenanthrenes/Anthracenes	1.1	J	2.9	J	3.1	J	2.3	J
C3-Phenanthrenes/Anthracenes	1.2	J	3.2	J	3.8	J	2.6	J
C4-Phenanthrenes/Anthracenes	<1.0	J	1.0	J	1.8	J	1.5	J
Dibenzothiophene	U		U		<1.0	J	<1.0	J
C1-Dibenzothiophenes	<1.0	J	<1.0	J	<1.0	J	<1.0	J
C2-Dibenzothiophenes	<1.0	J	<1.0	J	<1.0	J	<1.0	J
C3-Dibenzothiophenes	<1.0	J	<1.0	J	1.0	J	<1.0	J
Fluoranthene	1.0	J	1.3	J	1.9	J	2.2	J
Pyrene	<1.0	J	1.0	J	1.4	J	1.5	J
C1-Fluoranthenes/Pyrenes	<1.0	J	1.5	J	1.6	J	1.1	J
C2-Fluoranthenes/Pyrenes	<1.0	J	1.3	J	1.0	J	<1.0	J
C3-Fluoranthenes/Pyrenes	U		<1.0	J	U		<1.0	J
Benz(a)anthracene	<1.0	J	<1.0	J	<1.0	J	<1.0	J
Chrysene	<1.0	J	1.2	J	1.3	J	<1.0	J
C1-Chrysenes	<1.0	J	1.3	J	1.1	J	<1.0	J
C2-Chrysenes	U		<1.0	J	<1.0	J	<1.0	J
C3-Chrysenes	U		<1.0	J	U		U	
C4-Chrysenes	U		U		U		U	
Benzo(b)fluoranthene	<1.0	J	<1.0	J	<1.0	J	<1.0	J
Benzo(k)fluoranthene	U		<1.0	J	<1.0	J	<1.0	J
Benzo(e)pyrene	<1.0	J	<1.0	J	<1.0	J	<1.0	J
Benzo(a)pyrene	U		U		<1.0	J	U	
Perylene	<1.0	J	<1.0	J	<1.0	J	<1.0	J
Indeno(1,2,3-c,d)pyrene	U		<1.0	J	<1.0	J	U	
Dibenzo(a,h)anthracene	U		U		U		U	
Benzo(g,h,i)perylene	U		<1.0	J	<1.0	J	U	
<b>Total PAH</b>	<b>7.4</b>		<b>23.4</b>		<b>27.6</b>		<b>14.9</b>	
<b>Selected Ratios</b>								
D2/P2	NA		NA		NA		NA	
D3/P3	NA		NA		0.323		NA	
D2/C2	NA		NA		NA		NA	
D3/C3	NA		NA		NA		NA	
<b>Individual Isomers</b>								
2-Methylnaphthalene	<1.0	J	<1.0	J	<1.0	J	<1.0	J
1-Methylnaphthalene	<1.0	J	<1.0	J	<1.0	J	<1.0	J
2,6-Dimethylnaphthalene	<1.0	J	<1.0	J	<1.0	J	<1.0	J
1,6,7-Trimethylnaphthalene	<1.0	J	<1.0	J	<1.0	J	<1.0	J
1-Methylphenanthrene	<1.0	J	<1.0	J	<1.0	J	<1.0	J

Surrogate (Su)	Su Recovery (%)	Su Recovery (%)	Su Recovery (%)	Su Recovery (%)
Naphthalene-d8	69	63	61	47
Acenaphthene-d10	66	63	86	43
Phenanthrene-d10	55	56	78	43
Chrysene-d12	53	64	72	58

Qualifiers (Q): J=Below the MDL, U=Not detected, B=in procedural blank > 3x MDL, I=interference, D=Diluted value, NA=Not Applicable, \*=Outside QA limits, refer to narrative

Sample Name	ETX1378.D	ETX1379.D
Client Name	Teague Pt. #4 1/4 & 2/4	Teague Pt. #4 3/4 & 4/4
Matrix	Tissue	Tissue
Collection Date	8/10/00	8/10/00
Received Date	8/12/00	8/12/00
Extraction Date	8/18/00	8/18/00
Extraction Batch	ENV 256	ENV 256
Date Acquired	08/23/00	08/23/00
Method	PAH	PAH
Sample Wet Weight (g)	15.3	15.0
% Moisture	93.9	91.9
% Dry	6.1	8.1
% Lipid Based on Wet Weight	0.1	0.2
% Lipid Based on Dry Weight	2.1	2.3

Target Compounds	Su Corrected Conc. (ng/wet g)	Q	Su Corrected Conc. (ng/wet g)	Q
Naphthalene	<1.0 J	VB	1.2 J	J
C1-Naphthalenes	<1.0 J	J	<1.0 J	J
C2-Naphthalenes	<1.0 J	VB	<1.0 J	VB
C3-Naphthalenes	<1.0 J	J	<1.0 J	J
C4-Naphthalenes	<1.0 J	J	1.8 J	J
Biphenyl	<1.0 J	J	<1.0 J	J
Acenaphthylene	<1.0 J	J	<1.0 J	J
Acenaphthene	U	U	<1.0 J	J
Fluorene	<1.0 J	J	<1.0 J	J
C1-Fluorenes	<1.0 J	J	<1.0 J	J
C2-Fluorenes	<1.0 J	J	1.1 J	J
C3-Fluorenes	<1.0 J	J	1.5 J	J
Anthracene	U	U	U	U
Phenanthrene	<1.0 J	J	<1.0 J	J
C1-Phenanthrenes/Anthracenes	<1.0 J	J	1.1 J	J
C2-Phenanthrenes/Anthracenes	1.0 J	J	2.8 J	J
C3-Phenanthrenes/Anthracenes	1.1 J	J	3.2 J	J
C4-Phenanthrenes/Anthracenes	<1.0 J	J	<1.0 J	J
Dibenzothiophene	U	U	<1.0 J	J
C1-Dibenzothiophenes	<1.0 J	J	<1.0 J	J
C2-Dibenzothiophenes	<1.0 J	J	<1.0 J	J
C3-Dibenzothiophenes	<1.0 J	J	<1.0 J	J
Fluoranthene	<1.0 J	J	1.8 J	J
Pyrene	<1.0 J	J	1.3 J	J
C1-Fluoranthenes/Pyrenes	<1.0 J	J	1.4 J	J
C2-Fluoranthenes/Pyrenes	<1.0 J	J	<1.0 J	J
C3-Fluoranthenes/Pyrenes	<1.0 J	J	<1.0 J	J
Benz(a)anthracene	<1.0 J	J	<1.0 J	J
Chrysene	<1.0 J	J	1.2 J	J
C1-Chrysenes	<1.0 J	J	<1.0 J	J
C2-Chrysenes	<1.0 J	J	<1.0 J	J
C3-Chrysenes	U	U	U	U
C4-Chrysenes	U	U	U	U
Benzo(b)fluoranthene	<1.0 J	J	<1.0 J	J
Benzo(k)fluoranthene	<1.0 J	J	<1.0 J	J
Benzo(e)pyrene	<1.0 J	J	<1.0 J	J
Benzo(a)pyrene	U	U	U	U
Perylene	<1.0 J	J	<1.0 J	J
Indeno(1,2,3-c,d)pyrene	U	U	<1.0 J	J
Dibenzo(a,h)anthracene	U	U	U	U
Benzo(g,h,i)perylene	U	U	<1.0 J	J
<b>Total PAH</b>	<b>2.1</b>		<b>18.4</b>	
<b>Selected Ratios</b>				
D2/P2	NA		NA	
D3/P3	NA		NA	
D2/C2	NA		NA	
D3/C3	NA		NA	
<b>Individual isomers</b>				
2-Methylnaphthalene	<1.0 J	J	<1.0 J	J
1-Methylnaphthalene	<1.0 J	J	<1.0 J	J
2,6-Dimethylnaphthalene	<1.0 J	J	<1.0 J	J
1,6,7-Trimethylnaphthalene	U	U	<1.0 J	J
1-Methylphenanthrene	<1.0 J	J	<1.0 J	J

Surrogate (Su)	Su Recovery (%)	Su Recovery (%)
Naphthalene-d8	106	54
Acenaphthene-d10	103	51
Phenanthrene-d10	92	43
Chrysene-d12	109	53

Qualifiers (Q): J=Below the MDL, U=Not detected, B=In procedural blank > 3x MDL, I=Interference, D=Diluted value, NA=Not Applicable, \*=Outside QA limits, refer to narrative