Laboratory Report

Resource Laboratories, LLC
124 Heritage Avenue #10 Portsmouth, NH 03801

John Cressey
Summit Environmental Consultants
434 Cony Rd
Augusta, ME 04330

PO Number: 16861
Job ID: 19909
Date Received: 9/3/10

Project: American Tissue 16861

Attached please find results for the analysis of the samples received on the date referenced above.

Unless otherwise noted in the attached report, the analyses performed met the requirements of Resource Laboratories, LLC Quality Assurance Plan. The Standard Operating Procedures (SOP) are based upon USEPA SW-846, USEPA Methods for Chemical Analysis of Water and Wastewater, Standard Methods for the Examination of Water and Wastewater and other recognized methodologies. The results contained in this report pertain only to the samples as indicated on the chain of custody.

Resource Laboratories, LLC maintains certification with the agencies listed below.

We appreciate the opportunity to provide laboratory services. If you have any questions regarding the enclosed report, please contact the laboratory and we will be glad to assist you.

Sincerely,
Resource Laboratories, LLC

(for)

Sue Sylvester
Principal, General Manager

Date of Approval: 9/20/2010
Total number of pages: 17

Resource Laboratories, LLC Certifications

New Hampshire	1732	Massachusetts	M-NH902
Maine	NH903		

Project ID: American Tissue 16861

Lab ID: 19909

Sample Association Table

Field ID	Matrix	Date-Time Sampled	Lab#	Analysis
SS-420	Solid	9/2/2010 7:08	19909-001	
				PAHs in solid by 8270
				Percent Dry Matter for Solid Sample Calc by 160.4
SS-438	Solid	9/2/2010 7:12	19909-002	
				PAHs in solid by 8270
				Percent Dry Matter for Solid Sample Calc by 160.4
SS-438A	Solid	9/2/2010 7:12	19909-003	
				PAHs in solid by 8270
				Percent Dry Matter for Solid Sample Calc by 160.4
BK-B-401 (0-2")	Solid	9/1/2010 11:55	19909-004	
				PCBs in soil by 8082
				EPH in solids by MADEP Method
				Percent Dry Matter for Solid Sample Calc by 160.4
				VPH in solids by MA DEP Method

Project ID: American Tissue 16861
Job ID: 19909
Sample#: 19909-004
Sample ID: BK-B-401 (0-2")
Matrix: Solid Percent Dry: 94.4 %
Samples prepared in methanol within a 1:1 ratio +/- 25% mL MeOH/g soil
Received on ice at 5˚C, in satisfactory condition.
Sampled: 9/1/10 11:55

Parameter	Result	Quant Limit	Units	Instr Dil'n Factor	Analyst	Prep Date	Batch	Analysis Date	Analysis Time	Reference
Unadjusted C5-C8 Aliphatics	< 4	4	ug/g	1	LMM	9/7/10	3586	9/9/10	11:31	MAVPH
Unadjusted C9-C12 Aliphatics	< 4	4	ug/g	1	LMM	9/7/10	3586	9/9/10	11:31	MAVPH
methyl t-butyl ether (MTBE)	< 0.1	0.1	ug/g	1	LMM	9/7/10	3586	9/9/10	11:31	MAVPH
benzene	< 0.1	0.1	ug/g	1	LMM	9/7/10	3586	9/9/10	11:31	MAVPH
toluene	< 0.1	0.1	ug/g	1	LMM	9/7/10	3586	9/9/10	11:31	MAVPH
ethylbenzene	< 0.1	0.1	ug/g	1	LMM	9/7/10	3586	9/9/10	11:31	MAVPH
m&p-xylenes	< 0.1	0.1	ug/g	1	LMM	9/7/10	3586	9/9/10	11:31	MAVPH
o-xylene	< 0.1	0.1	ug/g	1	LMM	9/7/10	3586	9/9/10	11:31	MAVPH
naphthalene	< 0.2	0.2	ug/g	1	LMM	9/7/10	3586	9/9/10	11:31	MAVPH
C5-C8 Aliphatics	< 4	4	ug/g	1	LMM	9/7/10	3586	9/9/10	11:31	MAVPH
C9-C12 Aliphatics	< 4	4	ug/g	1	LMM	9/7/10	3586	9/9/10	11:31	MAVPH
C9-C10 Aromatics	< 4	4	ug/g	1	LMM	9/7/10	3586	9/9/10	11:31	MAVPH
Surrogate Recovery		**Limits**								
2,5-dibromotoluene as Aromatic SUR	106	70-130	%	1	LMM	9/7/10	3586	9/9/10	11:31	MAVPH
2,5-dibromotoluene as Aliphatic SUR	105	70-130	%	1	LMM	9/7/10	3586	9/9/10	11:31	MAVPH
a,a,a-trifluorotoluene SUR	94	70-130	%	1	LMM	9/7/10	3586	9/9/10	11:31	MAVPH

Hydrocarbon Range data exclude concentrations of any surrogate(s) and/or internal standards eluting in that range.
C5-C8 Aliphatic Hydrocarbons exclude the concentration of target analytes eluting in that range.
C9-C12 Aliphatic Hydrocarbons exclude concentration of target analytes eluting in that range AND C9-C10 Aromatics.

Project ID: American Tissue 16861
Job ID: 19909
Sample#: 19909-001
Sample ID: SS-420
Matrix: Solid Percent Dry: 93 %
Sampled: 9/2/10 7:08

Parameter	Result	Quant Limit	Units	Instr Dil'n Factor	Analyst	Prep Date	Batch	Analysis Date	Analysis Time	Reference
naphthalene	< 0.5	0.5	ug/g	1	AJD	9/9/10	3599	9/10/10	18:48	SW3550B8270D
2-methylnaphthalene	< 0.5	0.5	ug/g	1	AJD	9/9/10	3599	9/10/10	18:48	SW3550B8270D
acenaphthylene	< 0.5	0.5	ug/g	1	AJD	9/9/10	3599	9/10/10	18:48	SW3550B8270D
acenaphthene	< 0.5	0.5	ug/g	1	AJD	9/9/10	3599	9/10/10	18:48	SW3550B8270D
dibenzofuran	< 0.5	0.5	ug/g	1	AJD	9/9/10	3599	9/10/10	18:48	SW3550B8270D
fluorene	< 0.5	0.5	ug/g	1	AJD	9/9/10	3599	9/10/10	18:48	SW3550B8270D
phenanthrene	**1.5**	0.5	ug/g	1	AJD	9/9/10	3599	9/10/10	18:48	SW3550B8270D
anthracene	< 0.5	0.5	ug/g	1	AJD	9/9/10	3599	9/10/10	18:48	SW3550B8270D
fluoranthene	**0.9**	0.5	ug/g	1	AJD	9/9/10	3599	9/10/10	18:48	SW3550B8270D
pyrene	**1.4**	0.5	ug/g	1	AJD	9/9/10	3599	9/10/10	18:48	SW3550B8270D
benzo(a)anthracene	**0.6**	0.5	ug/g	1	AJD	9/9/10	3599	9/10/10	18:48	SW3550B8270D
chrysene	**0.9**	0.5	ug/g	1	AJD	9/9/10	3599	9/10/10	18:48	SW3550B8270D
benzo(b)fluoranthene	**0.8**	0.5	ug/g	1	AJD	9/9/10	3599	9/10/10	18:48	SW3550B8270D
benzo(k)fluoranthene	< 0.5	0.5	ug/g	1	AJD	9/9/10	3599	9/10/10	18:48	SW3550B8270D
benzo(a)pyrene	**0.7**	0.5	ug/g	1	AJD	9/9/10	3599	9/10/10	18:48	SW3550B8270D
indeno(1,2,3-cd)pyrene	< 0.5	0.5	ug/g	1	AJD	9/9/10	3599	9/10/10	18:48	SW3550B8270D
dibenzo(a,h)anthracene	< 0.5	0.5	ug/g	1	AJD	9/9/10	3599	9/10/10	18:48	SW3550B8270D
benzo(g,h,i)perylene	< 0.5	0.5	ug/g	1	AJD	9/9/10	3599	9/10/10	18:48	SW3550B8270D
Surrogate Recovery		**Limits**								
2-fluorobiphenyl SUR	107	43-116	%	1	AJD	9/9/10	3599	9/10/10	18:48	SW3550B8270D
o-terphenyl SUR	118	33-141	%	1	AJD	9/9/10	3599	9/10/10	18:48	SW3550B8270D

Project ID: American Tissue 16861
Job ID: 19909
Sample#: 19909-002
Sample ID: SS-438
Matrix: Solid Percent Dry: 97.8 %
Sampled: 9/2/10 7:12

Parameter	Result	Quant Limit	Units	Instr Dil'n Factor	Analyst	Prep Date	Batch	Analysis Date	Analysis Time	Reference
naphthalene	< 0.5	0.5	ug/g	1	AJD	9/9/10	3599	9/9/10	22:37	SW3550B8270D
2-methylnaphthalene	< 0.5	0.5	ug/g	1	AJD	9/9/10	3599	9/9/10	22:37	SW3550B8270D
acenaphthylene	< 0.5	0.5	ug/g	1	AJD	9/9/10	3599	9/9/10	22:37	SW3550B8270D
acenaphthene	< 0.5	0.5	ug/g	1	AJD	9/9/10	3599	9/9/10	22:37	SW3550B8270D
dibenzofuran	< 0.5	0.5	ug/g	1	AJD	9/9/10	3599	9/9/10	22:37	SW3550B8270D
fluorene	< 0.5	0.5	ug/g	1	AJD	9/9/10	3599	9/9/10	22:37	SW3550B8270D
phenanthrene	< 0.5	0.5	ug/g	1	AJD	9/9/10	3599	9/9/10	22:37	SW3550B8270D
anthracene	< 0.5	0.5	ug/g	1	AJD	9/9/10	3599	9/9/10	22:37	SW3550B8270D
fluoranthene	**1.2**	0.5	ug/g	1	AJD	9/9/10	3599	9/9/10	22:37	SW3550B8270D
pyrene	**1.2**	0.5	ug/g	1	AJD	9/9/10	3599	9/9/10	22:37	SW3550B8270D
benzo(a)anthracene	**0.6**	0.5	ug/g	1	AJD	9/9/10	3599	9/9/10	22:37	SW3550B8270D
chrysene	**1.2**	0.5	ug/g	1	AJD	9/9/10	3599	9/9/10	22:37	SW3550B8270D
benzo(b)fluoranthene	**1.0**	0.5	ug/g	1	AJD	9/9/10	3599	9/9/10	22:37	SW3550B8270D
benzo(k)fluoranthene	**1.2**	0.5	ug/g	1	AJD	9/9/10	3599	9/9/10	22:37	SW3550B8270D
benzo(a)pyrene	**0.5**	0.5	ug/g	1	AJD	9/9/10	3599	9/9/10	22:37	SW3550B8270D
indeno(1,2,3-cd)pyrene	< 0.5	0.5	ug/g	1	AJD	9/9/10	3599	9/9/10	22:37	SW3550B8270D
dibenzo(a,h)anthracene	< 0.5	0.5	ug/g	1	AJD	9/9/10	3599	9/9/10	22:37	SW3550B8270D
benzo(g,h,i)perylene	< 0.5	0.5	ug/g	1	AJD	9/9/10	3599	9/9/10	22:37	SW3550B8270D
Surrogate Recovery		**Limits**								
2-fluorobiphenyl SUR	81	43-116	%	1	AJD	9/9/10	3599	9/9/10	22:37	SW3550B8270D
o-terphenyl SUR	91	33-141	%	1	AJD	9/9/10	3599	9/9/10	22:37	SW3550B8270D

Project ID: American Tissue 16861
Job ID: 19909

Sample#: 19909-003
Sample ID: SS-438A
Matrix: Solid Percent Dry: 99.1 %
Sampled: 9/2/10 7:12

Parameter	Result	Quant Limit	Units	Instr Dil'n Factor	Analyst	Prep Date	Batch	Analysis Date	Analysis Time	Reference
naphthalene	< 0.5	0.5	ug/g	1	AJD	9/9/10	3599	9/9/10	23:15	SW3550B8270D
2-methylnaphthalene	< 0.5	0.5	ug/g	1	AJD	9/9/10	3599	9/9/10	23:15	SW3550B8270D
acenaphthylene	< 0.5	0.5	ug/g	1	AJD	9/9/10	3599	9/9/10	23:15	SW3550B8270D
acenaphthene	< 0.5	0.5	ug/g	1	AJD	9/9/10	3599	9/9/10	23:15	SW3550B8270D
dibenzofuran	< 0.5	0.5	ug/g	1	AJD	9/9/10	3599	9/9/10	23:15	SW3550B8270D
fluorene	< 0.5	0.5	ug/g	1	AJD	9/9/10	3599	9/9/10	23:15	SW3550B8270D
phenanthrene	< 0.5	0.5	ug/g	1	AJD	9/9/10	3599	9/9/10	23:15	SW3550B8270D
anthracene	< 0.5	0.5	ug/g	1	AJD	9/9/10	3599	9/9/10	23:15	SW3550B8270D
fluoranthene	**1.6**	0.5	ug/g	1	AJD	9/9/10	3599	9/9/10	23:15	SW3550B8270D
pyrene	**1.6**	0.5	ug/g	1	AJD	9/9/10	3599	9/9/10	23:15	SW3550B8270D
benzo(a)anthracene	**0.9**	0.5	ug/g	1	AJD	9/9/10	3599	9/9/10	23:15	SW3550B8270D
chrysene	**1.7**	0.5	ug/g	1	AJD	9/9/10	3599	9/9/10	23:15	SW3550B8270D
benzo(b)fluoranthene	**2.2**	0.5	ug/g	1	AJD	9/9/10	3599	9/9/10	23:15	SW3550B8270D
benzo(k)fluoranthene	**0.9**	0.5	ug/g	1	AJD	9/9/10	3599	9/9/10	23:15	SW3550B8270D
benzo(a)pyrene	**0.8**	0.5	ug/g	1	AJD	9/9/10	3599	9/9/10	23:15	SW3550B8270D
indeno(1,2,3-cd)pyrene	**0.6**	0.5	ug/g	1	AJD	9/9/10	3599	9/9/10	23:15	SW3550B8270D
dibenzo(a,h)anthracene	< 0.5	0.5	ug/g	1	AJD	9/9/10	3599	9/9/10	23:15	SW3550B8270D
benzo(g,h,i)perylene	**0.5**	0.5	ug/g	1	AJD	9/9/10	3599	9/9/10	23:15	SW3550B8270D
Surrogate Recovery		**Limits**								
2-fluorobiphenyl SUR	90	43-116	%	1	AJD	9/9/10	3599	9/9/10	23:15	SW3550B8270D
o-terphenyl SUR	99	33-141	%	1	AJD	9/9/10	3599	9/9/10	23:15	SW3550B8270D

Sample#: 19909-004
Sample ID: BK-B-401 (0-2")
Matrix: Solid Percent Dry: 94.4 %
Sampled: 9/1/10 11:55

Parameter	Result	Quant Limit	Units	Instr Dil'n Factor	Analyst	Prep Date	Batch	Analysis Date	Analysis Time	Reference
PCB-1016	< 0.2	0.2	ug/g	1	JLZ	9/9/10	3595	9/10/10	19:11	SW3546/8082
PCB-1221	< 0.2	0.2	ug/g	1	JLZ	9/9/10	3595	9/10/10	19:11	SW3546/8082
PCB-1232	< 0.2	0.2	ug/g	1	JLZ	9/9/10	3595	9/10/10	19:11	SW3546/8082
PCB-1242	< 0.2	0.2	ug/g	1	JLZ	9/9/10	3595	9/10/10	19:11	SW3546/8082
PCB-1248	< 0.2	0.2	ug/g	1	JLZ	9/9/10	3595	9/10/10	19:11	SW3546/8082
PCB-1254	< 0.2	0.2	ug/g	1	JLZ	9/9/10	3595	9/10/10	19:11	SW3546/8082
PCB-1260	< 0.2	0.2	ug/g	1	JLZ	9/9/10	3595	9/10/10	19:11	SW3546/8082
Surrogate Recovery		**Limits**								
tetrachloro-m-xylene SUR	102	30-150	%	1	JLZ	9/9/10	3595	9/10/10	19:11	SW3546/8082
decachlorobiphenyl SUR	94	30-150	%	1	JLZ	9/9/10	3595	9/10/10	19:11	SW3546/8082

Project ID: American Tissue 16861
Job ID: 19909
Sample#: 19909-004
Sample ID: BK-B-401 (0-2")
Matrix: Solid Percent Dry: 94.4 %
Sampled: 9/1/10 11:55

Parameter	Result	Quant Limit	Units	Instr Dil'n Factor	Analyst	Prep Date	Batch	Analysis Date	Analysis Time	Reference
naphthalene	< 0.1	0.1	ug/g	1	AJD	9/9/10	3601	9/10/10	14:32	MA EPH
2-methylnaphthalene	< 0.1	0.1	ug/g	1	AJD	9/9/10	3601	9/10/10	14:32	MA EPH
phenanthrene	< 0.1	0.1	ug/g	1	AJD	9/9/10	3601	9/10/10	14:32	MA EPH
acenaphthene	< 0.1	0.1	ug/g	1	AJD	9/9/10	3601	9/10/10	14:32	MA EPH
acenaphthylene	< 0.1	0.1	ug/g	1	AJD	9/9/10	3601	9/10/10	14:32	MA EPH
fluorene	< 0.1	0.1	ug/g	1	AJD	9/9/10	3601	9/10/10	14:32	MA EPH
anthracene	< 0.1	0.1	ug/g	1	AJD	9/9/10	3601	9/10/10	14:32	MA EPH
fluoranthene	< 0.1	0.1	ug/g	1	AJD	9/9/10	3601	9/10/10	14:32	MA EPH
pyrene	< 0.1	0.1	ug/g	1	AJD	9/9/10	3601	9/10/10	14:32	MA EPH
benzo(a)anthracene	< 0.1	0.1	ug/g	1	AJD	9/9/10	3601	9/10/10	14:32	MA EPH
chrysene	< 0.1	0.1	ug/g	1	AJD	9/9/10	3601	9/10/10	14:32	MA EPH
benzo(b)fluoranthene	< 0.1	0.1	ug/g	1	AJD	9/9/10	3601	9/10/10	14:32	MA EPH
benzo(k)fluoranthene	< 0.1	0.1	ug/g	1	AJD	9/9/10	3601	9/10/10	14:32	MA EPH
benzo(a)pyrene	< 0.1	0.1	ug/g	1	AJD	9/9/10	3601	9/10/10	14:32	MA EPH
indeno(1,2,3-cd)pyrene	< 0.1	0.1	ug/g	1	AJD	9/9/10	3601	9/10/10	14:32	MA EPH
dibenzo(a,h)anthracene	< 0.1	0.1	ug/g	1	AJD	9/9/10	3601	9/10/10	14:32	MA EPH
benzo(g,h,i)perylene	< 0.1	0.1	ug/g	1	AJD	9/9/10	3601	9/10/10	14:32	MA EPH
Unadjusted C11-C22 Aromatics	< 20	20	ug/g	1	JLZ	9/9/10	3601	9/13/10	19:36	MA EPH
C9-C18 Aliphatics	< 20	20	ug/g	1	JLZ	9/9/10	3601	9/13/10	23:58	MA EPH
C19-C36 Aliphatics	< 20	20	ug/g	1	JLZ	9/9/10	3601	9/13/10	23:58	MA EPH
C11-C22 Aromatics	< 20	20	ug/g	1	JLZ	9/9/10	3601	9/13/10	19:36	MA EPH
Surrogate Recovery		**Limits**								
1-chloro-octadecane SUR	127	40-140	%	1	JLZ	9/9/10	3601	9/13/10	23:58	MA EPH
o-terphenyl SUR	66	40-140	%	1	JLZ	9/9/10	3601	9/13/10	19:36	MA EPH
2-fluorobiphenyl SUR	74	40-140	%	1	JLZ	9/9/10	3601	9/13/10	19:36	MA EPH
2-bromonaphthalene SUR	82	40-140	%	1	JLZ	9/9/10	3601	9/13/10	19:36	MA EPH

Quality Control Report

RESOURCE LABORATORIES, LLC

124 Heritage Avenue Unit 10
Portsmouth, NH 03801
www.reslabs.com

RESOURCE LABORATORIES, LLC

Case Narrative
Lab # 19909

Sample Receiving and Chain of Custody Discrepancies

Samples were received in acceptable condition, at 5 degrees C, on ice, and in accordance with sample handling, preservation and integrity guidelines.

Calibration

No exceptions noted.

Method Blank

No exceptions noted.

Surrogate Recoveries

No exceptions noted.

Laboratory Control Sample Results

No exceptions noted.

Matrix Spike/Matrix Spike Duplicate/Duplicate Results

Not requested for this project.

Other

EPH: The fractionation check sample (LCS) for the batch of silica gel in use for these samples met the method acceptance criteria.
Reporting Limits: Dilutions performed during the analysis are noted on the result pages.

No other exceptions noted.

- QC Report -

Method	QC ID	Parameter	Associated Sample		Result	Units	Amt Added	%R	Limits		RPD	RPD Limit
MAVPH	MB3586	Unadjusted C5-C8 Aliphatics		<	5	ug/g						
		Unadjusted C9-C12 Aliphatics		<	5	ug/g						
		methyl t-butyl ether (MTBE)		<	0.1	ug/g						
		benzene		<	0.1	ug/g						
		toluene		<	0.1	ug/g						
		ethylbenzene		<	0.1	ug/g						
		m&p-xylenes		<	0.1	ug/g						
		o-xylene		<	0.1	ug/g						
		naphthalene		<	0.2	ug/g						
		C5-C8 Aliphatics										
		C9-C12 Aliphatics										
		C9-C10 Aromatics		<	5	ug/g						
		2,5-dibromotoluene as Aromatic			107	%			70	130		
		2,5-dibromotoluene as Aliphatic			105	%			70	130		
		a,a,a-trifluorotoluene SUR			87	%			70	130		
	MLCS3586	Unadjusted C5-C8 Aliphatics			7.2	ug/g	7.5	96	70	130		
		Unadjusted C9-C12 Aliphatics			4.7	ug/g	5.5	85	70	130		
		methyl t-butyl ether (MTBE)			1.3	ug/g	1.5	89	70	130		
		benzene			0.5	ug/g	0.5	90	70	130		
		toluene			1.4	ug/g	1.5	96	70	130		
		ethylbenzene			0.4	ug/g	0.5	85	70	130		
		m&p-xylenes			1.9	ug/g	2	96	70	130		
		o-xylene			0.9	ug/g	1	92	70	130		
		naphthalene			0.9	ug/g	1	92	70	130		
		C5-C8 Aliphatics										
		C9-C12 Aliphatics										
		C9-C10 Aromatics			0.9	ug/g	1	92	70	130		
		2,5-dibromotoluene as Aromatic			106	%			70	130		
		2,5-dibromotoluene as Aliphatic			105	%			70	130		
		a,a,a-trifluorotoluene SUR			86	%			70	130		
	MLCSD3586	Unadjusted C5-C8 Aliphatics			5.9	ug/g	7.5	79	70	130	20	30
		Unadjusted C9-C12 Aliphatics			4.7	ug/g	5.5	86	70	130	0	30
		methyl t-butyl ether (MTBE)			1.4	ug/g	1.5	94	70	130	6	30
		benzene			0.4	ug/g	0.5	90	70	130	1	30
		toluene			1.4	ug/g	1.5	95	70	130	1	30
		ethylbenzene			0.5	ug/g	0.5	94	70	130	10	30
		m&p-xylenes			1.9	ug/g	2	97	70	130	1	30
		o-xylene			0.9	ug/g	1	94	70	130	2	30
		naphthalene			1.0	ug/g	1	96	70	130	4	30
		C5-C8 Aliphatics										
		C9-C12 Aliphatics										
		C9-C10 Aromatics			0.9	ug/g	1	92	70	130	1	30
		2,5-dibromotoluene as Aromatic			102	%			70	130		
		2,5-dibromotoluene as Aliphatic			101	%			70	130		
		a,a,a-trifluorotoluene SUR			1	%			70	130		

Method	QC ID	Parameter	Associated Sample		Result	Units	Amt Added	%R	Limits		RPD	RPD Limit
MA EPH	BLK3601	naphthalene		<	0.1	ug/g						
		2-methylnaphthalene		<	0.1	ug/g						
		phenanthrene		<	0.1	ug/g						
		acenaphthene		<	0.1	ug/g						
		acenaphthylene		<	0.1	ug/g						
		fluorene		<	0.1	ug/g						
		anthracene		<	0.1	ug/g						
		fluoranthene		<	0.1	ug/g						
		pyrene		<	0.1	ug/g						
		benzo(a)anthracene		<	0.1	ug/g						
		chrysene		<	0.1	ug/g						
		benzo(b)fluoranthene		<	0.1	ug/g						
		benzo(k)fluoranthene		<	0.1	ug/g						
		benzo(a)pyrene		<	0.1	ug/g						
		indeno(1,2,3-cd)pyrene		<	0.1	ug/g						
		dibenzo(a,h)anthracene		<	0.1	ug/g						
		benzo(g,h,i)perylene		<	0.1	ug/g						
		Unadjusted C11-C22 Aromatics		<	20	ug/g						
		C9-C18 Aliphatics		<	20	ug/g						
		C19-C36 Aliphatics		<	20	ug/g						
		C11-C22 Aromatics		<	20	ug/g						
		1-chloro-octadecane SUR			67	%			40	140		
		o-terphenyl SUR			53	%			40	140		
		2-fluorobiphenyl SUR			73	%			40	140		
		2-bromonaphthalene SUR			85	%			40	140		
	LCS3601	naphthalene			3.2	ug/g	6	54	40	140		
		2-methylnaphthalene			3.2	ug/g	6	53	40	140		
		phenanthrene			3.5	ug/g	6	59	40	140		
		acenaphthene			3.2	ug/g	6	53	40	140		
		acenaphthylene			3.1	ug/g	6	52	40	140		
		fluorene			3.4	ug/g	6	57	40	140		
		anthracene			3.6	ug/g	6	61	40	140		
		fluoranthene			3.7	ug/g	6	62	40	140		
		pyrene			3.4	ug/g	6	57	40	140		
		benzo(a)anthracene			3.7	ug/g	6	62	40	140		
		chrysene			3.6	ug/g	6	60	40	140		
		benzo(b)fluoranthene			3.8	ug/g	6	64	40	140		
		benzo(k)fluoranthene			3.4	ug/g	6	56	40	140		
		benzo(a)pyrene			3.8	ug/g	6	63	40	140		
		indeno(1,2,3-cd)pyrene			3.6	ug/g	6	60	40	140		
		dibenzo(a,h)anthracene			3.9	ug/g	6	65	40	140		
		benzo(g,h,i)perylene			3.5	ug/g	6	58	40	140		
		Unadjusted C11-C22 Aromatics			71	ug/g	102	69	40	140		
		C9-C18 Aliphatics			37	ug/g	36	103	40	140		
		C19-C36 Aliphatics			62	ug/g	48	130	40	140		
		C11-C22 Aromatics		<	20	ug/g						
		1-chloro-octadecane SUR			103	%			40	140		
		o-terphenyl SUR			57	%			40	140		
		2-fluorobiphenyl SUR			74	%			40	140		
		2-bromonaphthalene SUR			78	%			40	140		

Method	QC ID	Parameter	Associated Sample		Result	Units	Amt Added	%R	Limits		RPD	RPD Limit
MA EPH	LCSD3601	naphthalene			3.4	ug/g	6	56	40	140	4	25
		2-methylnaphthalene			3.4	ug/g	6	57	40	140	6	25
		phenanthrene			3.7	ug/g	6	61	40	140	5	25
		acenaphthene			3.5	ug/g	6	59	40	140	10	25
		acenaphthylene			3.4	ug/g	6	57	40	140	10	25
		fluorene			3.6	ug/g	6	61	40	140	7	25
		anthracene			3.9	ug/g	6	65	40	140	7	25
		fluoranthene			3.9	ug/g	6	66	40	140	6	25
		pyrene			3.6	ug/g	6	60	40	140	5	25
		benzo(a)anthracene			3.9	ug/g	6	65	40	140	6	25
		chrysene			3.9	ug/g	6	64	40	140	7	25
		benzo(b)fluoranthene			3.7	ug/g	6	62	40	140	2	25
		benzo(k)fluoranthene			3.8	ug/g	6	63	40	140	11	25
		benzo(a)pyrene			4.0	ug/g	6	66	40	140	4	25
		indeno(1,2,3-cd)pyrene			3.7	ug/g	6	62	40	140	3	25
		dibenzo(a,h)anthracene			4.0	ug/g	6	66	40	140	2	25
		benzo(g,h,i)perylene			3.7	ug/g	6	61	40	140	5	25
		Unadjusted C11-C22 Aromatics			72	ug/g	102	71	40	140	2	25
		C9-C18 Aliphatics			37	ug/g	36	102	40	140	1	25
		C19-C36 Aliphatics			66	ug/g	48	138	40	140	7	25
		C11-C22 Aromatics		<	20	ug/g						
		1-chloro-octadecane SUR			110	%			40	140		
		o-terphenyl SUR			59	%			40	140		
		2-fluorobiphenyl SUR			73	%			40	140		
		2-bromonaphthalene SUR			77	%			40	140		
SW3546/8082	BLK3595	PCB-1016		<	0.1	ug/g						
		PCB-1221		<	0.1	ug/g						
		PCB-1232		<	0.1	ug/g						
		PCB-1242		<	0.1	ug/g						
		PCB-1248		<	0.1	ug/g						
		PCB-1254		<	0.1	ug/g						
		PCB-1260		<	0.1	ug/g						
		tetrachloro-m-xylene SUR			93	%			30	150		
		decachlorobiphenyl SUR			90	%			30	150		
	LCS3595	PCB-1016			1.8	ug/g	2	91	40	140		
		PCB-1221		<	0.1	ug/g						
		PCB-1232		<	0.1	ug/g						
		PCB-1242		<	0.1	ug/g						
		PCB-1248		<	0.1	ug/g						
		PCB-1254		<	0.1	ug/g						
		PCB-1260			1.7	ug/g	2	83	40	140		
		tetrachloro-m-xylene SUR			94	%			30	150		
		decachlorobiphenyl SUR			86	%			30	150		
	LCSD3595	PCB-1016			2.0	ug/g	2	102	40	140	11	30
		PCB-1221		<	0.1	ug/g						
		PCB-1232		<	0.1	ug/g						
		PCB-1242		<	0.1	ug/g						
		PCB-1248		<	0.1	ug/g						
		PCB-1254		<	0.1	ug/g						
		PCB-1260			1.9	ug/g	2	93	40	140	12	30
		tetrachloro-m-xylene SUR			102	%			30	150		
		decachlorobiphenyl SUR			94	%			30	150		

Method	QC ID	Parameter	Associated Sample		Result	Units Amt Added	%R	Limits		RPD	RPD Limit
SW3550B8270D	BLK3599	naphthalene		<	0.50	ug/g					
		2-methylnaphthalene		<	0.50	ug/g					
		acenaphthylene		<	0.50	ug/g					
		acenaphthene		<	0.50	ug/g					
		dibenzofuran		<	0.50	ug/g					
		fluorene		<	0.50	ug/g					
		phenanthrene		<	0.50	ug/g					
		anthracene		<	0.50	ug/g					
		fluoranthene		<	0.50	ug/g					
		pyrene		<	0.50	ug/g					
		benzo(a)anthracene		<	0.50	ug/g					
		chrysene		<	0.50	ug/g					
		benzo(b)fluoranthene		<	0.50	ug/g					
		benzo(k)fluoranthene		<	0.50	ug/g					
		benzo(a)pyrene		<	0.50	ug/g					
		indeno(1,2,3-cd)pyrene		<	0.50	ug/g					
		dibenzo(a,h)anthracene		<	0.50	ug/g					
		benzo(g,h,i)perylene		<	0.50	ug/g					
		2-fluorobiphenyl SUR			78	%		43	116		
		o-terphenyl SUR			87	%		33	141		
	DUP3599	naphthalene	19936-004	<	0.55	ug/g					30
		2-methylnaphthalene	19936-004		3.0	ug/g				26	30
		acenaphthylene	19936-004	<	0.55	ug/g					30
		acenaphthene	19936-004	<	0.55	ug/g					30
		dibenzofuran	19936-004	<	0.55	ug/g					30
		fluorene	19936-004		2.0	ug/g				28	30
		phenanthrene	19936-004		1.7	ug/g				44	30
		anthracene	19936-004	<	0.55	ug/g					30
		fluoranthene	19936-004	<	0.55	ug/g					30
		pyrene	19936-004		2.0	ug/g				9	30
		benzo(a)anthracene	19936-004	<	0.55	ug/g					30
		chrysene	19936-004	<	0.55	ug/g					30
		benzo(b)fluoranthene	19936-004	<	0.55	ug/g					30
		benzo(k)fluoranthene	19936-004	<	0.55	ug/g					30
		benzo(a)pyrene	19936-004	<	0.55	ug/g					30
		indeno(1,2,3-cd)pyrene	19936-004	<	0.55	ug/g					30
		dibenzo(a,h)anthracene	19936-004	<	0.55	ug/g					30
		benzo(g,h,i)perylene	19936-004	<	0.55	ug/g					30
		2-fluorobiphenyl SUR	19936-004		190	%		43	116	*	
		o-terphenyl SUR	19936-004		132	%		33	141		

Method	QC ID	Parameter	Associated Sample		Result	Units	Amt Added	%R		Limits		RPD	RPD Limit
SW3550B8270D	LCS3599	naphthalene			3.2	ug/g	4	80		40	140		
		2-methylnaphthalene			3.0	ug/g	4	76		40	140		
		acenaphthylene			2.9	ug/g	4	72		40	140		
		acenaphthene			3.0	ug/g	4	76		40	140		
		dibenzofuran		<	0.50	ug/g							
		fluorene			2.9	ug/g	4	73		40	140		
		phenanthrene			3.0	ug/g	4	76		40	140		
		anthracene			3.1	ug/g	4	76		40	140		
		fluoranthene			3.2	ug/g	4	81		40	140		
		pyrene			2.9	ug/g	4	72		40	140		
		benzo(a)anthracene			3.2	ug/g	4	80		40	140		
		chrysene			3.1	ug/g	4	78		40	140		
		benzo(b)fluoranthene			3.2	ug/g	4	81		40	140		
		benzo(k)fluoranthene			2.7	ug/g	4	69		40	140		
		benzo(a)pyrene			3.1	ug/g	4	78		40	140		
		indeno(1,2,3-cd)pyrene			3.0	ug/g	4	76		40	140		
		dibenzo(a,h)anthracene			3.3	ug/g	4	83		40	140		
		benzo(g,h,i)perylene			3.1	ug/g	4	77		40	140		
		2-fluorobiphenyl SUR			84	%				43	116		
		o-terphenyl SUR			93	%				33	141		
	MS3599	naphthalene			5.2	ug/g	4.46	117		40	140		
		2-methylnaphthalene			6.6	ug/g	4.46	96		40	140		
		acenaphthylene			4.1	ug/g	4.46	89		40	140		
		acenaphthene			6.2	ug/g	4.46	138		40	140		
		dibenzofuran		<	0.56	ug/g							
		fluorene			6.9	ug/g	4.46	121		40	140		
		phenanthrene			6.4	ug/g	4.46	119		40	140		
		anthracene			5.3	ug/g	4.46	114		40	140		
		fluoranthene			6.4	ug/g	4.46	133		40	140		
		pyrene			5.6	ug/g	4.46	85		40	140		
		benzo(a)anthracene			4.1	ug/g	4.46	89		40	140		
		chrysene			3.9	ug/g	4.46	82		40	140		
		benzo(b)fluoranthene			4.5	ug/g	4.46	98		40	140		
		benzo(k)fluoranthene			4.1	ug/g	4.46	90		40	140		
		benzo(a)pyrene			4.0	ug/g	4.46	89		40	140		
		indeno(1,2,3-cd)pyrene			1.9	ug/g	4.46	43		40	140		
		dibenzo(a,h)anthracene			2.3	ug/g	4.46	51		40	140		
		benzo(g,h,i)perylene			1.5	ug/g	4.46	33	*	40	140		
		2-fluorobiphenyl SUR			146	%			*	43	116		
		o-terphenyl SUR			118	%				33	141		

Lab Number:	LCS NBT3601
Sample Designation:	Laboratory Control Sample 090910S
Date Sampled:	N/A
Date Received:	N/A
Date Extracted:	9/9/10
Matrix:	Solid
Containers:	N/A
Sample Preservation:	N/A
Temperature:	N/A
Dilution Factor:	1
Analyst:	JLZ

NAPHTHALENE BREAKTHROUGH CALCULATION

Method for Ranges: MADEP EPH 2004-1.1

Method for Target Analytes: EPA 8270C

	LCS Aliphatic Breakthrough (%)	Acceptance Criteria	Date of Analysis
naphthalene	0.3%	<5.0%	9/13/10
2-methylnaphthalene	0.1%	<5.0%	9/13/10

Lab Number:	LCSD NBT3601
Sample Designation:	Laboratory Control Sample Duplicate 090910S
Date Sampled:	N/A
Date Received:	N/A
Date Extracted:	9/9/10
Matrix:	Solid
Containers:	N/A
Sample Preservation:	N/A
Temperature:	N/A
Dilution Factor:	1
Analyst:	JLZ

NAPHTHALENE BREAKTHROUGH CALCULATION

Method for Ranges: MADEP EPH 2004-1.1

Method for Target Analytes: EPA 8270C

	LCSD Aliphatic Breakthrough (%)	Acceptance Criteria	Date of Analysis
naphthalene	0.8%	<5.0%	9/13/10
2-methylnaphthalene	0.3%	<5.0%	9/13/10

RL Resource Laboratories, LLC
124 Heritage Avenue • Portsmouth, NH 03801
Phone: 603-436-2001 • Fax: 603-430-2100

CHAIN-OF-CUSTODY RECORD AND ANALYSIS REQUEST

19909

Company Name: SUMMIT ENVIRONMENTAL
Company Address: 434 CONY ROAD AUGUSTA, ME
Report To: JOHN CRESSEY
Phone #: (207) 621-8334
Invoice To: SAME

Project Name: AMERICAN TISSUE
Project #: 16861
Project Location: NH MA (ME) VT ___ Other
Protocol: (RCRA) MCP SDWA NHDES NPDES OTHER
Reporting Limits: QAPP EPA DW GW-1 Other ___ S-1
Quote # ___ ☐ NH GREE/ODD Fund Pricing
PO # ___

ANALYSIS REQUEST

| Lab Sample ID (Lab Use Only) | Field ID | # CONTAINERS | Matrix: WATER | Matrix: SOLID | Matrix: OTHER | Preservation Method: HCl | HNO_3 | H_2SO_4 | NaOH | MeOH | OTHER (Specify) | Sampling: DATE | TIME | SAMPLER* | VOC 8260 NHDES | VOC 8260 MADEP | VOC 624 | VOC BTEX | MIBE, only | VOC 8021VT | VPH MADEP | MEGRO | GRO 8015 | VOC 524.2 | VOC 524.2 NH List | TPH | DRO 8015 | MEDRO | TPH Fingerprint | EPH MADEP | 8270PAH | 8270ABN | 625 | EDB 504.1 | 8082 PCB | 8081 Pesticides | 608 Pest/PCB | O&G 1664 | Mineral O&G SM5520F | pH | BOD | Conductivity | Turbidity | TSS | TDS | TVS | Alkalinity | RCRA Metals | Priority Pollutant Metals | TAL Metals | Total Metals-list: | Dissolved Metals-list: | Ammonia | COD | TKN | TN | TON | T-Phosphorus | Phenols | Bacteria P/A | Bacteria MPN | Cyanide | Sulfide | Nitrate + Nitrite | Ortho P | Nitrate | Nitrite | Chloride | Sulfate | Bromide | Fluoride | Corrosivity | Reactive CN | Reactive S- | Ignitibility/FP | TCLP Metals | TCLP VOC | TCLP SVOC | TCLP Pesticide | Subcontract: | TOC | Grain Size | TCLP Herbicides | Grab (G) or Composite (C) |
|---|---|---