

**APPENDIX 3: REQUIRED EPH DATA REPORTING FORMAT/INFORMATION**

**SAMPLE INFORMATION**

Matrix	<input checked="" type="checkbox"/> Aqueous	<input type="checkbox"/> Soil	<input type="checkbox"/> Sediment	<input type="checkbox"/> Other:
Containers	<input checked="" type="checkbox"/> Satisfactory	<input type="checkbox"/> Broken	<input type="checkbox"/> Leaking:	
Aqueous Preservatives	<input type="checkbox"/> N/A	<input checked="" type="checkbox"/> pH<2	<input type="checkbox"/> pH>2	Comment:
Temperature	<input checked="" type="checkbox"/> Received on Ice	<input type="checkbox"/> Received at 4 °C	<input type="checkbox"/> Other:	
Extraction Method	Water:	3511	Soil:	

**EPH ANALYTICAL RESULTS**

Method for Ranges: MADEP EPH 2004 Rev 1.1		Client ID		EEG-2	MW-3D	MW-1		
Method for Target Analytes:		Lab ID		08031008-02	08031008-05	08031008-08		
EPH Surrogate Standards		Date Collected		3/21/2008	3/21/2008	3/21/2008		
Aliphatic: CHLORO-OCTO-DECANE		Date Received		3/25/2008	3/25/2008	3/25/2008		
Aromatic: O-TERPHENYL		Date Extracted		3/25/2008	3/25/2008	3/25/2008		
EPH Fractionation Surrogates		Date Analyzed		3/30/2008	3/30/2008	3/30/2008		
2-FLUOROBIPHENYL		Dilution Factor		1	1			
2-BROMO-NAPHTHALENE		% Moisture (soil)		NA	NA	NA	NA	NA
RANGE/TARGET ANALYTE		RL	Units					
Unadjusted C <sub>11</sub> -C <sub>22</sub> Aromatics <sup>1</sup>		0.2	mg/L	ND	ND	ND		
Diesel PAH Analytes	Naphthalene	0.01	mg/L	ND	ND	ND		
	2-Methylnaphthalene	0.01	mg/L	ND	ND	ND		
	Phenanthrene	0.01	mg/L	ND	ND	ND		
	Acenaphthylene	0.01	mg/L	ND	ND	ND		
Other Target PAH Analytes	Naphthalene	0.01	mg/L	ND	ND	ND		
	Acenaphthylene	0.01	mg/L	ND	ND	ND		
	Acenaphthene	0.01	mg/L	ND	ND	ND		
	Fluorene	0.01	mg/L	ND	ND	ND		
	Phenanthrene	0.01	mg/L	ND	ND	ND		
	Anthracene	0.01	mg/L	ND	ND	ND		
	Fluoranthene	0.01	mg/L	ND	ND	ND		
	Pyrene	0.01	mg/L	ND	ND	ND		
	Chrysene	0.01	mg/L	ND	ND	ND		
	Benzo (a) anthracene	0.01	mg/L	ND	ND	ND		
	Benzo (b) fluoranthene	0.01	mg/L	ND	ND	ND		
	Benzo (k) fluoranthene	0.01	mg/L	ND	ND	ND		
	Benzo (a) pyrene	0.01	mg/L	ND	ND	ND		
	Dibenzo (a,h) anthracene	0.01	mg/L	ND	ND	ND		
	Benzo (g,h,i) perylene	0.01	mg/L	ND	ND	ND		
Indeno (1,2,3-cd) pyrene	0.01	mg/L	ND	ND	ND			
2-Methylnaphthalene	0.01	mg/L	ND	ND	ND			
C <sub>9</sub> -C <sub>18</sub> Aliphatic Hydrocarbons <sup>1</sup>	0.2	mg/L	ND	ND	ND			
C <sub>19</sub> -C <sub>36</sub> Aliphatic Hydrocarbons <sup>1</sup>	0.2	mg/L	ND	ND	ND			
C <sub>11</sub> -C <sub>22</sub> Aromatic Hydrocarbons <sup>1,2</sup>	0.2	mg/L	ND	ND	ND			
Aliphatic Surrogate % Recovery			92%	101%	89%			
Aromatic Surrogate % Recovery			113%	107%	79%			
Sample Surrogate Acceptance Range			40%-140%	40%-140%	40%-140%	40%-140%	40%-140%	
Fractionation [2-Fluorobiphenyl] Surrogate % Recovery			119%	105%	89%			
Fractionation [2-Bromonaphthalene] Surrogate % Recovery			NA	NA	NA			
Fractionation Surrogate Acceptance Range			40%-140%	40%-140%	40%-140%	40%-140%	40%-140%	

<sup>1</sup>Hydrocarbon Range data exclude concentrations of any surrogate(s) and/or internal standards eluting in that range

<sup>2</sup>C<sub>11</sub>-C<sub>22</sub> Aromatic Hydrocarbons exclude the concentration of Target PAH Analytes

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	<b>C9-C18 Aliphatic</b>	<b>C19-C36 Aliphatic</b>	<b>C11-C22 Aromatic</b>
Percent Recovery - Fortified Blank (Spike)	79.8	91.5	71.7
Relative Percent Difference - Sample Duplicates	12.7	11.8	11.9

	<b>C9-C18 Aliphatic</b>	<b>C19-C36 Aliphatic</b>	<b>C11-C22<sup>ns</sup> Aromatic</b>
Percent Recovery - Matrix Spike	NA	NA	NA
Percent Recovery - Matrix Spike Duplicate	NA	NA	NA
Relative Percent Difference - Matrix Spike	NA	NA	NA

**CERTIFICATION**

Were all QA/QC procedures REQUIRED by the EPH Method followed?  Yes  No-Details Attached  
 Were all performance/acceptance standards for the required QA/QC procedures achieved?  Yes  No-Details Attached  
 Were any significant modifications made to the EPH method, as specified in Section 11.3?  No  Yes-Details Attached

*I attest under the pains and penalties of perjury that, based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to be best of my knowledge and belief, accurate and complete*

SIGNATURE:  POSITION: Analyst  
 PRINTED NAME: JASON SAVOIE DATE: 4/4/2008