

## Appendix 6 AEL Certificate of Analysis

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Aquatech Enviroscience Laboratories Inc.  
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**Report Date**

**CERTIFICATE OF ANALYSIS**

AEL job #	311013	Invoice #:	HMEC_311013
Sample Matrix:	Biofilm (mud)	Project #:	307071-00790
# of Sample Received	51	Project Name:	Annual Variability Study

Analysis	Quantity	Batch #	Date Processed	Laboratory Method	Analytical Method
HPLC	10	71-80	02-10-2013	Pigments-Sediments-HPLC	Mantoura-Analytica-151-1983
HPLC	30	41-70	02-09-2013	Pigments-Sediments-HPLC	Mantoura-Analytica-151-1983
HPLC	11	81-91	02-10-2013	Pigments-Sediments-HPLC	Mantoura-Analytica-151-1983
Total Organic Carbon	51	41-91	02-10-2013	EA-TOC-Sediments	TOC-Elemental Analyzer
Total Carbohydrate	51	41-91	02-10-2013	Carbs-Phenol-Sulfuric-Acid-Assay	Microbial-Carbs-Linm-V40-1995
Total Lipids	48	24-24	02-11-2013	Total Lipids-Sediments	

Dr. Sergei S. Verenitch  
Chief Chemist



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**Report Date**



**CERTIFICATE OF ANALYSIS**

AEL job #	020614	Invoice #:	HMEC_190314
Sample Matrix:	Biofilm (mud)	Project #:	307071-00790
# of Sample Received	51	Project Name:	Annual Variability Study

Analysis	Quantity	Batch #	Date Processed	Laboratory Method	Analytical Method
HPLC	7	1-7	25-Feb-14	Pigments – Sediments - HPLC	Mantoura-Analytica-151-1983
HPLC	18	8-25	06-Mar-14	Pigments – Sediments - HPLC	Mantoura-Analytica-151-1983
HPLC	17	26-42	17-Mar-14	Pigments – Sediments - HPLC	Mantoura-Analytica-151-1983
HPLC	9	43-51	19-Mar-14	Pigments – Sediments - HPLC	Mantoura-Analytica-151-1983
Total Organic Carbon	51	TOC-Var1-51	06-Mar-14	EA-TOC-Sediments	TOC-Elemental Analyzer
Total Carbohydrate	51	TCarbs-Var1-51	17-Mar-14	Carbs-Phenol-Sulfuric-Acid-Assay	Microbial-Carbs-Linm-V40-1995
Total Lipids	25	Ann-Var-1-51	17-Mar-14	Total Lipids-Sediments	

Dr. Sergei S. Verenitch  
 Chief Chemist