

**Analytical Report**

Bill To: AC Environmental  
 Report To: AC Environmental  
 Unit 109  
 117 Pembina Road  
 Sherwood Park, AB, Canada  
 T8H 0J4  
 Attn: Kris Shepherd  
 Sampled By:  
 Company:

Project:  
 ID:  
 Name:  
 Location:  
 LSD:  
 P.O.:  
 Acct code:

Lot ID: **589160**  
 Control Number:  
 Date Received: Nov 23, 2007  
 Date Reported: May 13, 2008  
 Report Number: 1118609

**Reference Number** 589160-2  
**Sample Date**  
**Sample Location**  
**Sample Description** A Series (AC Aqua) Polymer For Aqueous Liquids & Water Soluble Hydrocarbon/Mixture  
**Sample Matrix** Solids

Analyte	Units	Result	Nominal Detection Limit
<b>Microtox</b>			
Interpretation (AEUB, G-50)		Pass	
EC50	15 minutes % Sample	>100	
EC50	5 minutes % Sample	>100	
EC20	15 minutes % Sample	>100	
EC20	5 minutes % Sample	>100	
Lab Treatment		None	
Microtox Model 500 unit #		144	
Sample Type		Sump Liquid	
pH	Clarified Sample-Initial	7.7	
Turbidity	As Received	None	
Colour	As Received	Clear	
Colour	As Tested	Clear	
Turbidity	As Tested	None	
pH	Clarified Sample-Final	Not Adjusted	
95% Confidence Factor	(EC50 - 5 Minutes)	N/A	
95% Confidence Factor	(EC20 - 5 Minutes)	N/A	
95% Confidence Factor	(EC50 - 15 Minutes)	1.43	
95% Confidence Factor	(EC20 - 15 Minutes)	1.20	
Colour Corrected Data		No	

Approved by:   
 Anthony Neumann, MSc  
 Laboratory Operations Manager

**Methodology and Notes**

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**Method of Analysis**

Method Name	Reference	Method	Date Analysis Started	Location
Microtox-15 Minute Multiple Concentration, EC50	Environment Canada	* Biological Test Method: Toxicity Test Luminescent Bacteria, 1/RM/24	23-Nov-07	BTG Edmonton

*\* Bodycote method(s) based on reference method*

**References**

Environment Toxicity Test Using Luminescent Bacteria

**Comments:**

- This report was issued to separate samples onto individual reports. Reports 1089143-1089145 are an addendum to report 1077777.
- This report was re-issued to change sample descriptions as requested by Kris of AC Environmental on May 12th. Revised reports 1118608-1118610 replace original reports 1089143-1089145.

Please direct any inquiries regarding this report to our Client Services group.

Results relate only to samples as submitted.

The test report shall not be reproduced except in full, without the written approval of the laboratory.