



# **ATHENICA ENVIRONMENTAL REPORT**



## **ATHENICA ENVIRONMENTAL SERVICES**

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Re: Laboratory Analysis of Aqua Loc Gel  
AES Project No. 07-0005

At the request of CGI Northeast Inc., Athenica Environmental Services Inc. (AES) conducted sampling and analysis of a flexible and water stopping gel (a.k.a. Aqua Loc Gel) that is used by CGI Northeast Inc. Concrete Gel Injection Aqua Loc Gel is a product that is being used to stop water-intrusion and leakage problems in concrete applications for waterproofing.

### **INTRODUCTION**

This environmental sampling and analysis was conducted on January 4, 2006 by AES in order to determine the material safety aspect of the Aqua Loc Gel used by CGI Northeast Inc. and to identify any hazardous toxicity concerns.

### **SAMPLING & ANALYSIS**

AES collected a sample of Aqua Loc Gel product. The sample was analyzed for Total Resource, Conservation, and Recovery Act (RCRA) Characteristics, Full Toxicity Characteristic Leaching Procedure (TCLP) and as well as Volatile Organic Compounds (VOCs) and Semi-Volatile Organic Compounds (SVOCs) in accordance with EPA Methods 8260 and 8270, respectively.

### **RESULTS OF LABORATORY ANALYSES**

A complete copy of the laboratory report from the sampling program is provided in Appendix A.

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Laboratory results confirmed that none of the analyzed compounds were detected above the laboratory detection limits or above the United States Environmental Protection Agency (US EPA) Resource, Conservation, and Recovery Act (RCRA) established hazardous materials guidelines.

## **CONCLUSIONS**

Based upon the results of the laboratory analysis, AES concludes that the Aqua-Loc Gel is a non-toxic and non-flammable material and that the Aqua Loc Gel does not pose any threat to its environment.

Sincerely,  
**ATHENICA ENVIRONMENTAL SERVICES, INC.**

A handwritten signature in black ink, appearing to read "Levent Eskicakit". The signature is fluid and cursive, written in a professional style.

Levent Eskicakit, P.G., E.P.  
Senior Environmental Engineer