

**Bio-Environmental**

**BIO-GROWTH  
Commercial Services**

**Moisture Control  
IAQ and Fungal  
Investigations  
Fungal Remediation  
Bio-Growth  
Inhibition  
Restoration  
Clearance**



BioEnvironmental: a division of AtlantaMold LLC  
1614 Daffodil Drive Marietta, GA 30062

**ATLANTAMOLD**



## **BIOENVIRONMENTAL**

BioEnvironmental, a division of AtlantaMold LLC, is a turn key provider of moisture management, bio-growth remediation, inhibition and restoration services for commercial, institutional, and government properties.

## **ATLANTAMOLD LLC**

Dr. William F Kraemer, PhD, President is recognized as the authority on bio-growth investigation and remediation within Georgia. Dr. Kraemer defines standards-of-practice and investigation/remediation protocols as Director of the Academy of Building Science. AtlantaMold LLC, the research affiliate, performs remediation consistent with existing best-practices for bio-growth elimination as a health hazard in structures.

## **FULLY INSURED**

Everest Indemnity Insurance  
Commercial General Liability 1/ 2M  
Contractors Pollution Liability 1/ 2M  
Professional Liability 1/ 2M  
Automobile Liability Hired/Non-owned  
Hartford Insurance Company  
Workers Compensation 1M

## **GEORGIA DEPARTMENT OF AGRICULTURE**

Pesticide Contractors License (2007)  
Pesticide Applicators License (2007)

## **CERTIFICATIONS**

IAQA - Indoor Air Quality Association – Corporate Member  
ABS - Academy of Building Science  
MICRO -Certified Mold Investigator, Certified Remediation Contractor  
IICRC - Corporate Member  
IESO – Indoor Environmental Standards Organization

**STATE OF GEORGIA REAL ESTATE APPRAISERS BOARD – Approved School**

**STATE OF GEORGIA REAL ESTATE COMMISSION – Approved School**

# Bio-Environmental

## CASE STUDIES

### APARTMENT UNIT FUNGAL CONTAMINATION

Investigation – Moisture & Bio-growth Issues  
Remediation Protocol  
Dehumidification/Encapsulation  
Destructive Removal of Contaminated  
Materials  
Chemical Remediation  
Inhibitor Application  
Clearance Documentation



PRE-REMEDICATION



POST REMEDIATION



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## CASE STUDIES

### RESIDENCE: BUILDING SCIENCE MOISTURE INTRUSION & FUNGAL CONTAMINATION

Investigation – Moisture & Bio-growth Issues  
Remediation Protocol  
Dehumidification/Encapsulation  
Destructive Removal of Contaminated  
Materials  
Chemical Remediation  
Inhibitor Application  
Clearance Documentation

Field Microscopy of Joist



REMEDICATION



Fungal Contamination due to high air moisture



POST REMEDIATION



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## CASE STUDIES

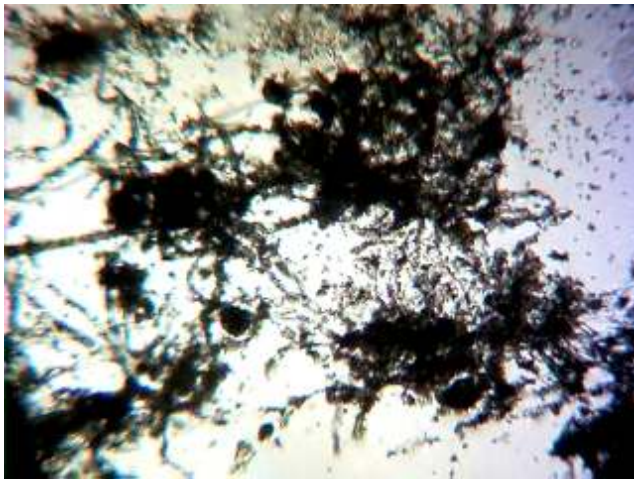
### NEW RESIDENTIAL CONSTRUCTION MOLD REMOVAL AND INHIBITOR APPLICATION

Investigation – Moisture & Bio-growth Issues  
Remediation Protocol  
Chemical Remediation  
Inhibitor Application  
Inhibitor Documentation



Fungal Contamination due to high air moisture

Field Microscopy of Joist



REMEDICATION



Fungal contamination during construction is increasing. Building materials have higher water activity than before. Construction occurs during damp or high relative humidity periods.

New technology biostatic coatings on raw building materials is now available to inhibit any bio-growth on surfaces.

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## CASE STUDIES

### NEW RESIDENTIAL CONSTRUCTION MOLD REMOVAL AND INHIBITOR APPLICATION

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Field Microscopy of Joist



Fungal Contamination due to high air moisture



Residential new construction with available framing building materials is challenged by the presence of lumberyard and actively amplifying mold. Prolonged moisture contact to wood, water leaks during construction and high relative humidity are sufficient to create environments for mold growth.

#### **COST:**

- 1) Lost Time
- 2) Destructive Removal of Contamination
- 3) Delay of sub-contractors
- 4) Remediation
- 5) Repair and Restoration

#### **PREVENTION SOLUTION**

- 1) Oxidative Remediation of Fungi
- 2) BioStatic Application on exterior wall framing prior to finish
- 3) Install 'Wick Guard' to base of wall cladding to prevent wicking
- 4) Ten Year Product Warranty
- 5) EPA Registered for Application
- 6) GA Dept. of Agriculture Approval
- 7) Certificate of Clearance

# Bio-Environmental

ACORD CERTIFICATE OF LIABILITY INSURANCE		CPID: ATLANTA	DATE: 12/13/06		
<b>PRODUCER</b> Paragon Insurance Service Inc. 2945 Horizon Park Drive Ste C Marietta GA 30064 Phone: 770-831-5665 Fax: 770-831-3363 450760		THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW.			
<b>INSURERS AFFORDING COVERAGE</b>		<b>NAIC#</b>			
ATLANTA Mold, LLC 1614 Daffodil Drive Marietta GA 30062		Hartford Insurance Company 22357			
<b>COVERAGES</b> THE POLICIES OF INSURANCE BELOW HAVE BEEN ISSUED TO THE ASSURED NAMED ABOVE FOR THE PERIOD INDICATED. NOT ALL COVERAGES AND EXCLUSIONS ARE SHOWN ON THIS DOCUMENT. FOR A COMPLETE LIST OF POLICY TERMS, CONDITIONS AND EXCLUSIONS, REFER TO THE POLICY WORDING. THIS CERTIFICATE IS NOT A CONTRACT. THE POLICY IS THE CONTRACT. THE POLICY IS SUBJECT TO THE TERMS, CONDITIONS AND EXCLUSIONS OF EACH POLICY. THE POLICY IS SUBJECT TO THE TERMS, CONDITIONS AND EXCLUSIONS OF EACH POLICY.					
DESCRIPTION OF COVERAGE	TYPE OF INSURANCE	POLICY NUMBER	PERIOD OF EFFECTIVE DATE (MM/DD/YYYY)	POLICY EXPIRATION DATE (MM/DD/YYYY)	LIMITS
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input checked="" type="checkbox"/> DAMAGE TO RENTALS <input checked="" type="checkbox"/> CONTRACTORS POLLUTANT	4000006056-061	07/13/06	07/13/07	BODILY INJURY \$ 1,000,000 PROPERTY DAMAGE \$ 500,000 MEDICAL EXPENSE \$ 5000 PERSONAL & ADULTERY \$ 1,000,000 GENERAL AGGREGATE \$ 2,000,000 POLLUTANT \$ 200,000
					AUTOMOBILE LIABILITY BODILY INJURY \$ PROPERTY DAMAGE \$ BODILY INJURY \$ PROPERTY DAMAGE \$ BODILY INJURY \$ PROPERTY DAMAGE \$
A	<input checked="" type="checkbox"/> PROFESSIONAL LIABILITY <input type="checkbox"/> OTHER	4003006056-061	07/13/06	07/13/07	Aggregate \$ 2,000,000 No. Claims 1,000,000
<b>DESCRIPTION OF OPERATIONS, LOCATIONS, VEHICLES, ETC. ADDED BY ENDORSEMENTS TO POLICY PROVISIONS</b> Evidence of insurance coverage.					
<b>CERTIFICATE HOLDER</b> Highway 92 Partners 965 Piedmont Road NE Ste 130 Marietta GA 30060		<b>CANCELLATION</b> SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, THE ISSUING INSURER WILL endeavor to MAIL 30 DAYS WRITTEN NOTICE TO THE CERTIFICATE HOLDER BY MAIL TO THE LEFT. BUT FAILURE TO MAIL SHALL IMPOSE NO LIABILITY ON THE LIABILITY OF ANY OTHER INSURER ITS AGENT'S OR REPRESENTATIVES. <i>Chapel...</i>			
450760 (300000)		© ACORD CORPORATION 1988			



# Bio-Environmental



## Georgia Department of Agriculture

Pesticide Division, Room 550 - 19 M.L.K. Jr. Dr., • Atlanta, GA 30334  
(404)-656-4958 Fax: (404)-657-8378

**Tommy Irvin**  
Commissioner

2007

### Pesticide Contractor's License

*THE HOLDER OF THIS LICENSE HAS MET THE REQUIRED LAWS AND REGULATIONS OF THE GEORGIA DEPARTMENT OF AGRICULTURE AND IS HEREBY AUTHORIZED TO CONDUCT COMMERCIAL OPERATIONS IN THE CAPACITY DESIGNATED HEREON*

LICENSE NUMBER	15202
COMPANY NAME	AtlantaMold LLC
ADDRESS	1614 Daffodil Dr.
CITY	Marietta, Ga. 30062
CATEGORY (IES)	37
EFFECTIVE DATE	JANUARY 01, 2007
EXPIRATION DATE	DECEMBER 31, 2007

THOMAS T. IRVIN, COMMISSIONER OF AGRICULTURE

LICENSE MUST BE POSTED AT ALL TIMES IN A PROMINENT LOCATION

404-656-4958