

AMERICAN SOCIETY OF HEATING, REFRIGERATION AND AIR CONDITIONING ENGINEERS INC.

London, Canada Chapter No.116 (www.execulink.com/~tpollard/ashrae.html)

September 2002



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Speaker: Andreas Wagner CIH ROH T. Harris Environmental management Inc.

Topic: "A Practitioners Approach to Assessing Mould Contamination within Commercial/ Public Buildings".

Since 1990, Mr. Wagner has been providing consulting services focusing on occupational and environmental health (O&EH). Specializing in the anticipation, recognition, evaluation and control of occupational and environmental hazards, with particular emphasis on chemical hazards, these services include Industrial Hygiene sampling for physical, chemical and biological parameters to insure worker safety and Indoor Air Quality studies, and Environmental Site Assessments.

On behalf of T. Harris Environmental Management Inc., Mr. Wagner has provided O&EH consulting services to various industrial and commercial clients and institutional establishments. He has completed numerous assessments for hazardous materials of industrial and commercial buildings and gained extensive experience in O&EH through his involvement with monitoring programs throughout Canada. Mr. Wagner's experience ranges from conducting field surveys and facility evaluations, development and implementation of management plans and industrial decommissioning projects, designing environmental remediation and cleanup programs, to providing expert testimony on subjects such as Toxic Mould Contamination.

Overview: Microorganisms, including moulds are a normal and essential component of the earth's terrestrial and aquatic ecosystems. However, these microorganisms in indoor environments may cause adverse health effects which are either infectious or allergic in nature.

Mould growth inside buildings is a result of excess moisture caused by leakages, condensation or capillary movement of water into the building. Given that bioaerosols remain suspended in air for long periods of time, the role of the ventilation in buildings is critical. There have been a number of cases in which mechanical ventilation systems have successfully distributed pathogens around buildings. This should come as no surprise since it is common practice to recirculate most of the air extracted from room spaces and that many air filters are of an inferior specification and are often replaced infrequently.

The presentation will cover the following topics in detail as they relate to assessment, remediation and control of mould-contaminated building materials, including:

- ? Overview of Toxic Mould Contamination within Buildings
- ? Health Effects
- ? Inspection and Testing Protocols
- ? Standards and Guidelines
- ? Remediation and Control Measures

Location: The Lamplighter Inn 591 Wellington Rd., S.

BUFFET MENU

Beef stir fry with toasted sesame seeds, Boneless oven baked chicken breasts simmered with a wild mushroom sauce with salads, assorted deli meats, chef's potato, vegetables, and sweet table
Meal cost \$35.00 or meal plan \$150.00
Student's \$15.00

Monday September-30 -2002

Social —5:15pm

Dinner—6:00pm

President's Message

Another summer has quickly past and hopefully you were able to enjoy some of hot dry weather. If you are in the air conditioning business, I am sure you were busy.

The local Board of Governors have been busy with a few ASHRAE related meetings over the summer discussing and arranging for upcoming season. The Ottawa Chapter hosted the Region II representatives at the Chapter Regional Conference in August. During the CRC, Society President Donald Colliver, PH.D., P.E. presented his upcoming theme: "Building a Better World". You can read more about his inaugural address in the August 2002 ASHRAE Journal.

Society has been busy with improvements and updates to the ASHRAE.ORG web site. Recent additions include being able to pay Society dues online; being able to provide feedback on the handbooks; being able to receive the latest ASHRAE news; and being able to view a index to addenda on ASHRAE Standards. Society have indicated that they plan a major web site change and update later this season. If you have not been to the web site recently, you may wish to visit.

Also discussed at the CRC, was that local chapters should not try to operate with only one person per Board of Governor's position. A goal of each chapter would be to have committees of people so that not all the work falls to one person. Being a small chapter, having 2 or 3 people in key areas such as membership and student affairs would assist in chapter operations. Another potential volunteer opportunity would be that the London Chapter will be hosting the Chapter Regional Conference in 2005 and requires an organizer for the event. If you could assist in any area, I would like to hear from you. You can indicate the areas that you have an interest in and the required time commitment might only be as small as one hour per month.

Ed Lainsbury has been arranging for speakers and possible topics. A summary of speakers will appear in a future newsletter. We are always interested in knowing what our members would like to see, so if you have an interest or have a potential speaker, please give Ed a call.

Hopefully you can make it to our September 30 meeting in which Andreas Wagner from T. Harris Environmental Management Inc., Toronto will speak on mold. With the problems and litigation regarding "sick buildings", this topic should be of interest to anyone in the HVAC industry.

See you at the meeting.

Tom Pollard, P.Eng
Chapter President
ASHRAE London Canada (Chapter #116)

Table Top: Somers Environmental

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TEGA

As TEGA chair person this year I have set a couple of goals for the chapter. These goals include the review of a technical standard by three members (critiquing and generating a short report to submit to ASHRAE), I'm open for volunteers and welcome input on which standard you would like to see reviewed. We also hope to get two or three submittals at our chapter level for projects eligible for a Technology Award, which could potentially be forwarded to Regional level and maybe even Society. If you feel you may have or know someone interested in participating and would like more information on project guidelines and application procedures, please contact me either at our meeting or by email scott@somersep.com

Thanks,
Scott Turner

Ottawa CRC Awards Report

At the CRC in Ottawa the London Chapter was recognized with several awards for various activities in the chapter, this reflects the dedication of the chairperson and the committee members.

Chapter Operations PAOE & Special Citation

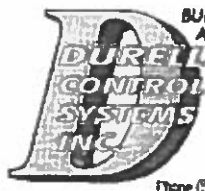
Student Activities Level 1 Ribbon, Highest Points


Membership Promotion Level 1 Ribbon, Highest Points

Chapter Programs Level 1 Ribbon, Highest Points,

Research Promotion Level 1 Ribbon, Highest Points, Goal Buster, Challenge
Goal Buster & New Chapter High Awards and the Hayward Murray Award and trophy





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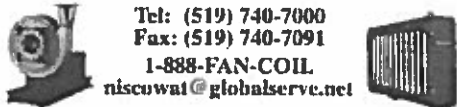
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