



# Airways

**Hamilton Chapter No. 037**

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*American Society of Heating, Refrigeration and Air Conditioning Engineers*

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June 2007

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**Wednesday, June 6, 2007**

**ASHRAE Hamilton Chapter  
2007 Golf Tournament**

**1:00 p.m. Shotgun Start**



**Legends on the Niagara  
Niagara Falls, ON**

(Ussher's Creek #6 Hole shown above)

**Shotgun Start at 1:00 p.m. Sharp**

**Followed by socializing, supper and prizes**



## President's Report

Before we move on to the sold-out annual June Golf Tournament at Legends-on-the-Niagara, I would like to thank all who participated in the May meeting on the topic of Legionella in buildings, with a special note to Dr. James Scott, Gary Sweeney, and Eric Mathews, thanking them for sharing their personal work experiences and views in dealing with this sensitive issue. Several members in attendance informed me that they felt that this was one of the most informative and interesting topics that the Hamilton Chapter has had in quite a while.

That's it for now – I'll see you all at the June golf. Good luck to all.

Our regular monthly meetings will resume once again at the Royal Hamilton Yacht Club, beginning on September 11<sup>th</sup>, 2007. Please check your email and look for our annual Airways newsletter sometime in August. All meetings this year will take place on the second Tuesday of each month, instead of the current first Tuesday of each month.

Warmest Regards,

*David Hills, A.Sc.T., President 06/07*

## Research Report

We are fast approaching the ASHRAE year end for Research donations.

As in the past, the contributions to ASHRAE Research Canada, has returned \$6.00 of value to Canadian researchers for every \$1.00 we contribute.

It's our industry and we can be directly responsible for its growth and health by supporting ASHRAE.

Please contact me or any of the Board members for your receipt.

Thanking you in advance,

*Bill McCartney, Treasurer & Research Chair 06/07*

## ASHRAE Research Project Awarded to Waterloo Company

ASHRAE Research Project #1453 – **Updating the ASHRAE Climatic Data for Design and Standards** – has been awarded to Numerical Logics Inc. of Waterloo.



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ASHRAE provides tables of climatic conditions for many locations in the United States, Canada and around the world in Chapter 28 of the Handbook of Fundamentals (HOF). These tables include values such as dry-bulb temperature, wet-bulb temperature, dew-point temperature, enthalpy and wind speed at various frequencies of occurrence over a long term period, corresponding mean coincident values of some other parameters and averages of some extremes. ASHRAE also sells a CD-ROM product – WDView 3.0 – which can be used to display actual design values, coincident/joint frequency tables or summary statistics for dry-bulb, dew-point and wet-bulb temperature as well as enthalpy and wind speed, for all the locations given in Chapter 28 of the HOF. Finally, the climatic conditions, along with some other data, are the backbone of ASHRAE Standard 169, Weather Data for ASHRAE Building Design Standards.

As Didier Thevenard of Numerical Logistics explained, "Project #1453 will update the climatic design condition tables for inclusion in the 2009 HOF and Standard 169. At the same time, the project will also update the clear sky solar radiation model used in the Fenestration and Load Calculation chapters."

Bill McCartney, Treasurer & Research Chair 06/07

**Terry J. Fowler, P.Eng.**  
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## Upcoming Chapter Meetings

**Tuesday, Sept. 11/07**  
**Theme: Global Warming**

Feature Speaker - Victoria Serda, Deputy Leader of the Green Party of Ontario and Municipal Councillor in Port Elgin, ON will bring **Al Gore's message about the threat of and solutions to global warming** to Chapter members.

## ASHRAE Hamilton Chapter 2007 Golf Tournament Wednesday, June 6<sup>th</sup>

**Thanks to all** who have signed up for the upcoming Hamilton Chapter Golf Tournament to be held **Wednesday June 6<sup>th</sup>**.

Last year we had a record 112 golfers. This year, with many new faces, we should hit 124 golfers!

Proper etiquette as always is required. Shirts must have a collar and no cut-off shorts. Soft spikes only.

I have room for 2 singles if you are still thinking about joining us. Please let me know ASAP at (905) 520-6194

It is again a **1pm Shot-gun start**. The course however is Ussher's Creek located right next to last year's Battlefield Course. Please park in the same parking lot. You **CANNOT** take your golf cart when you arrive – they must stay there until directed by the Marshall to head out to your assigned hole.

I will be sending the "contact name" listed on the entry form additional details regarding the hole they start at. Your scorecard will have your first hole hi-lighted for you. This is a scramble format meaning after each shot, you go to the best ball. Where it gets tricky is you must use 3 drives each. Any other rules will be given out on June 6<sup>th</sup> including longest drive hole.

**Special thanks to our hole sponsors.** Further recognition will take place at the supper. Look for the signs posted at the T boxes. They are a huge part of the success of our tournament.

During the Supper team members will be called up, to pick a gift card from the hat. You'll either walk away with a \$10-\$20-\$30-\$40 card. Anyone wishing to bring a prize – thanks! I'll draw those also, or if you are in a position to give a gift card I will gratefully accept with thanks

Like last year, on **ALL PAR 3's**, if you hit and stay on the green, please place your name on the clipboard next to the green (Tee shot only!). Longest drive hole to be determined (this is our course for the day...nobody from Buffalo is going to win the longest drive!).

Don't show up late. Allow enough time to unwind from your drive. Radar is rampant in that area. Why not show up early and hit a bucket of **FREE** golf balls. All part of your entry fee.

See you the sunny 6<sup>th</sup>!

David Rasmussen, Social Chair 05/06

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## Directions to Legends

Follow the QEW towards Fort Erie. **DO NOT** take Hwy 405 to Queenston Heights!

Exit at Lyons Creek Road [Exit #21]. After you exit the highway, turn left (East) at the stop sign (crossing back over the QEW).

Follow past the small town of Chippawa (smaller than Delhi!). Stay on this road until it ends at the Niagara River. Turn right and follow the Niagara Parkway for 4 km's. The entrance is on the right. The driveway to the clubhouse is approximately 1 km and the parking lot will be on your left past the Clubhouse. A shuttle bus will pick you up in the parking lot and take you to your golf cart and sign in with the Marshall.

Watch for the blue signs along the QEW. They will direct you to the course.

It is approximately 30 km from the Garden City Skyway Bridge in St. Catharines to the Golf Course. **DO NOT** take Hwy 405 to Queenston Heights!



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## ASHRAE News Releases

### Sustainable Buildings Standard to Define Green Buildings

ATLANTA – A proposed new standard that will provide minimum guidelines for green building practices is nearing completion. Applicable to new commercial buildings and major renovation projects, it will address energy efficiency, a building's impact on the atmosphere, sustainable sites, water use efficiency, materials and resource and indoor environmental quality.

### ASHRAE Publishes New Standard 62.1

ATLANTA – ASHRAE's new 2007 ventilation standard contains key changes impacting ventilation system designers and their designs.

### ASHRAE '007

### Natural and Mechanical Ventilation in Schools Discussed in Seminar

ATLANTA – When it comes to ensuring safe, comfortable environments for students, which earns a higher grade – natural or mechanical ventilation?

### ASHRAE to Provide Energy Guidance in Clinton Retrofit Program

ATLANTA – ASHRAE will play a primary role in former President Bill Clinton's initiative to reduce energy consumption in existing buildings by providing design guidance and tools to reach energy efficiency targets.

### Purdue Professor Chosen for First ASHRAE D.C. Fellowship

ATLANTA – An associate professor from Purdue University has been selected for ASHRAE's first Washington, D.C. Federal fellowship.

[Click here for complete news releases.](#)



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## Upcoming Events of Interest

### ASHRAE 2007 Annual Meeting & Technical Conference

June 23 – June 27, 2007  
Long Beach, CA  
www.ashrae.org  
(click on Events)

## Message from the Editor

Remember that, effective with the **September 11<sup>th</sup>** meeting, the ASHRAE Hamilton Chapter will be returning to having its meetings on the second Tuesday of the month.

Nathan Martin and Brian Beninger are taking a break from the Chapter Board of Governors. On behalf of all Chapter members, I thank them for their years of dedicated service to the Chapter.

Replacements for Nathan and Brian are being recruited – if anyone out there is interested in joining the Chapter Board of Governors, please speak to one of the current members. New members will be introduced in the September issue of Airways.

### **Have a GREAT summer!!!**

*Allan Antcliffe, P. Eng., Airways Editor 06/07*



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## 2006 – 2007 Meeting Schedule

This year's meeting schedule is summarized below. Except for some special events, all meetings will be held at the Royal Hamilton Yacht Club, at the north end of McNab St. on the Hamilton Harbour (If you need a map, visit our web site). During the 5:00 pm to 6:00 pm Social Hour, a half hour "technical session" is presented on the basics of a particular subject relating to our industry. If the session sounds interesting to you, feel free to attend. These sessions are presented by our members and are open to any one wishing to share his or her expertise. New products and/or services are presented informally via a "table top demonstration". After dinner, the main topic of the evening is presented by the "feature speaker". If you are interested in presenting a technical session, booking table top space to promote your product and/or service or, if you have a suggestion for a feature subject and/or speaker, please contact Nathan Martin (Programs Chair). There is a charge of \$75.00 for "table top demonstration" space and this includes a business card ad for two months.

<b>ASHRAE Hamilton Chapter Program Activity</b>				
Date	Theme	Technical Session 5:00 pm – 6:00 pm	Table Top Demonstration	Feature Speaker
June 6, 2007 (Wednesday)	Social /Research	Legends on the Niagara — Ussher's Creek Course Annual Golf Tournament		
September 11, 2007 (2nd Tuesday)		Feature Speaker—Victoria Serda of the GREEN Party (Huron - Bruce) Global Warming		

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