

RASC Windsor Centre Light Pollution Abatement Director
and
RASC National Light Pollution Abatement Committee
Activity Report
November 2008- November 2009

By Dan Taylor

Presented the RASC's Dark Sky Preserve certificate to Gordon's Park.

- Submitted a report to RASC light pollution abatement Committee,
- Submitted a report to IDA. As a consequence, Gordon's Park is being considered for the IDA's IDSP title

Attended the Tenth anniversary ceremony of Torrance Barrens DSP

- At the request of the mayor of Gravenhurst, provided PDF files on Windsor's lighting intensity standards in site plan control to assist in the formation of their policy.

Under the RASC Light Pollution Abatement Committee's assent, conducted purchase of license to use Todd Carlson's infamous 2003 blackout photos at a cost of \$250.

Point Pelee National Park

- Light pollution presentation for the advent of National Parks Day

LaSalle Ont.

- Met with the Town Planner, Senior Engineer, and Administrator
 - LP Presentation and proposal to amend site plan control with FCO protocols. Subsequently the proposal was agreed upon and LaSalle will make changes to their SPC, i.e. they will join with six other communities in Essex County with lighting standards.

Amherstburg Ont.

- Letters to CAO, and mayor for information on federally funded 'period lamp' changeover program. No reply. Some Windsor Centre members residing in A'burg have taken up this effort. Will report on developments

Harrow Ont.

- It has been reported by Windsor Centre member Ken Rounq that two new stand alone developments may be using non FCO luminaires at variance with Essex/Harrow site plan control (SPC). Ken has been looking into the situation and will have more to report on in the near future. He believes the inspector may be negligent in enforcing SPC.

Windsor Ont.

- Big box development abutting designated environmentally sensitive lands at Ojibway Provincial Nature preserve. I was asked by a community group leader to assist in their efforts to alter plans for big box developments at this site. I have written a fully referenced paper outlining the negative impact a new development would have at this site. It is to be submitted to a forthcoming Ontario Municipal board hearing along with other deputations.
- Meetings with City of Windsor Building Department staff on development of a residential light pollution abatement mentoring program
- New Home Depot's use of several (about 5% of total) non compliant fixtures. Dave Panton has discovered a flaw in the SPC approach: SPC was not applied as stipulated at the discretion of an individual city inspector.
- Letters to City councilors Dilkens and Brister Re: Non compliant lighting at a used car dealership. Learned that the dealership used a lawyer to circumvent SPC. As a consequence I requested that the city notify us about future hearings in order that we may argue against similar variances.

Manning road corridor, Essex County

- Tendered a request for and received agreement that FCO street lighting will be used throughout this significant project.

Hallam Observatory (Windsor centre)

- LP Encroachment by new Comber truck stop lighting in Lakeshore Ont.
 - Several years ago Lakeshore was persuaded to adopt LP protocols into site plan control (SPC).
 - The developer at this site neglected to follow SPC on this item, resulting in significant sky glow intrusion.
 - Through our appeals spearheaded by observatory director, Dave Panton, Lakeshore has agreed to enforce its options and not return the \$50,000 bond until lights are compliant.

Essex County Roadways

- Upon noting several new installations that were IESNA cut-off, contacted engineering staff and learned that this change was affected due to their desire to expand the footprint. A request was submitted to return to FCO use, as these luminaires adequately meet IESNA recommended practice performance.

IYA SQM project

- Eight of nine units are in the field. The following centres are taking advantage of this intriguing project:

New Brunswick	Windsor
Thunder Bay	Kingston
Okanagan	Toronto
Vancouver	Kitchener/Waterloo
- Currently there are 80 readings in the database.
- One unit is available

LP Presentation

- Woodstock Environmental Committee, Woodstock Ont., in tandem with Mr. B. Barroso of Enermodal Engineering. His architectural firm provides excellent light pollution abatement plans for new developments.

Pelee Island

- Letters to Town planner with proposal for meeting and consideration of light pollution abatement in site plan control. This will require more effort ion the coming year, will report on developments.

Letters to:

- Dave Wake senior DRIC manager
Re: Non compliant street lighting at site# 10 (401 Provincial Road overpass)
- Communications with Transport Canada Windfarm obstruction lighting
- Communications with Mr. Mark Hymers, Fredericton Town Planner Re: their Street light program that features FCO use.

Astronomy Day display

- Complete overhaul of the centre LP astronomy day display

Ministry of Transportation of Ontario – Detroit River International Crossing project

- Meeting for finalized plans for the new Crossing at Windsor/Detroit was attended by Windsor Centre members, Susan Sawyer Beaulieu, Dave Panton, and Dan Taylor. All received confirmation that FCO light will be used. Susan Sawyer Beaulieu also submitted letters to support her request. As a resident in a subdivision abutting the proposed roadway, she will be significantly impacted.

Applied for stakeholder status for the Ontario Green Energy Act