

Gas Plant and Air Pollution Headlines

Gas Plant Explodes in Middletown Connecticut; At Least 5 Killed; Homes 32km. Away Shaken:

Follow link to: CNN.COM (exact link may change): [CNN Coverage of Middletown Conn. Power Plant Explosion](#)

Town of Oakville Becomes First in Ontario to Control Emissions of Dangerous Fine Particulate Matter:

Follow links to: Oakville Beaver Website: [Town of Oakville Passes Fine Particulate Matter By-Law](#)

Town of Oakville Website: [Draft Health Protection Air Quality By-Law \(to Control Fine Particulate Matter Emissions\)](#)

Comments in This Newsletter: [Town of Oakville Enacts Fine Particulate Matter By-Law](#)

80 Oakville Residents per Year Predicted to Die Prematurely Due to Breathing Fine Particulate Matter:

Follow link to: Town of Oakville Website: [Draft Health Protection Air Quality By-Law \(to Control Fine Particulate Matter Emissions\)](#)

King Township Follows Oakville's Lead and Passes Interim Control By-Law in Defence Against 393MW Power Plant Proposed by Gov't of Ontario In Holland Marsh on Edge of Ontario GreenBelt:

Follow links to: King Township Sentinel Website: [King Township Passes Interim Control By-Law Similar to Oakville's](#)

King Township MegaWhat Website: [King-York-Simcoe MegaWhat Group Opposed to Holland Marsh Plant](#)

Comments in This Newsletter: [King Township Solicitor Comments Re: Oakville Interim Control By-Law](#)

C4CA Health and Safety Committee Issues Health Facts #1 Re: Proposed Oakville Power Plant:

Follow links to: C4CA Website: [C4CA Health and Safety Committee Health Facts Report](#)

Comments in This Newsletter: [C4CA Health and Safety Committee Health Facts \(Summary\)](#)

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About C4CA

C4CA (**Citizens For Clean Air**) is a coalition of concerned citizens in Oakville and Mississauga who are very concerned about the impacts that will result from the proposed gas-fired power plant near homes and schools in the Oakville-Clarkson Airshed. Details about C4CA and its activities are available at: C4CA.ORG.

C4CA's Immediate Objectives and Roles

C4CA's Immediate Objectives:

C4CA is pursuing many goals and objectives, including:

- Raising public awareness of the many serious issues** arising from the proposed power plant. Health, fog, icing and noise are among them; ••**Endeavouring to convince the Ontario Gov't. that we are heading down the wrong path and that an Individual Environmental Assessment (including full environmental and safety assessments) of the proposed power plant is required.** Allowing TransCanada to conduct an Environmental Review (ie. self-assessment) is inadequate and unacceptable; ••**Assisting the Town of Oakville in exercising its various municipal powers in relation to the proposed power plant and Fine Particle Matter Emissions;**
- Continuing to explore other avenues** to ensure that this aggressive and unusual power plant is fully, properly and objectively assessed and its many troubling qualities exposed.

C4CA's Roles:

C4CA has had a very successful first 4 months and is as committed and determined now as in the beginning to letting The Government of Ontario know that **locating a power plant in the proposed location just does not make sense!!** C4CA, the City of Mississauga, and various Oakville and Mississauga ratepayer associations are leading a co-ordinated defence against the plant. To meet its objectives C4CA has succeeded in creating significant momentum for our defence against this unwarranted and flawed power plant proposal by:

- organizing** to-date over 140 Street Captains ••**distributing** thousands of lawn signs and informational brochures and hundreds of posters ••**organizing** many events ••**establishing and maintaining** a web-site, C4CA.ORG to help provide you with information about the proposed power plant and C4CA's activities in opposition to it; ••**running** facts and ad campaigns; ••**hosting** information sessions; ••**engaging** environmental counsel, government and public relations firms and accounting firms; ••**supporting** the Town of Oakville with its Interim Control By-Law against power plants; ••**creating** a well organized structure with a Board of Directors and sub-committees to address all aspects of this flawed proposal;

C4CA firmly believes that it is crucial for everyone affected by this power plant, proposed by the Gov't. of Ontario and to be built by TransCanada Energy, to be personally committed and actively involved in opposing it.

Details of C4CA's Roles are available on the C4CA web-site: C4CA.ORG

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Just Some Reasons Why The Proposed Power Plant Does Not Make Sense!

C4CA's over-arching goal is to prevent the construction of the proposed power plant in the Oakville-Clarkson Airshed. The power plant proposed by the Ontario Government **just does not make sense!**

C4CA has highlighted numerous problems and serious concerns with this power plant proposal including:

1. **Dangerous Location Close to Homes and Schools:** The proposed plant's location is dangerous and illogical because it would be extremely and unusually close to numerous schools and homes and shows callous

indifference to community's needs. Within 2km of the proposed plant there are 10 schools and approximately 5,100 homes and within 3km of the plant there are 16 schools and approximately 11,000 homes.

2. **Increased Pollution in Already Over-Polluted AirShed:** Although the Gov't. of Ontario's own studies indicate that the Oakville-Clarkson Airshed is already toxic, over-polluted and one of the worst local environments in Ontario, the Gov't. of Ontario insists on building a power plant that would emit hundreds of tonnes per year of additional toxic substances into it including highly dangerous FPM (Fine Particulate Matter)2.5.
3. **Lack of Individual Environmental Assessment:** The self-assessing Environmental Review TransCanada is being allowed to conduct is inadequate as it cannot possibly be or even appear to be both comprehensive and objective. An Individual Environmental Assessment (ie. a full assessment including environmental and safety) is needed to completely expose the proposed plant's deficiencies and their negative effects on residents.
4. **Flawed Site Selection Criteria:** A flawed process that defied common sense was followed to select this location and others in Oakville-Clarkson. From the beginning there were unnecessarily strict location limitations and a narrow focus on expediency and the convenient availability of infrastructure at this site. Critical human issues such as the proximity of many, many schools and homes, community associations and existing environmental problems were ignored or dismissed. Far better alternatives were left unexplored.
5. **Children's Health Disregarded:** Everyone will suffer from the proposed plant's air pollution. Children will suffer disproportionately however and particularly from the increase in Fine Particulate Matter emitted by the proposed power plant. Children are most susceptible because of the nature of their developing lungs and breathing rates compared to adults. Respiratory disease is a leading cause of children being admitted to hospital in Halton.
6. **Demand For Power Below Forecast:** The need and timing for new power generating facilities is questionable given the province's power generating capability/power consumption trend lines. Independent data indicates that power consumption in the SWGTA is actually decreasing and the SWGTA does not need new power generating capabilities. We do not need to rush into a mistake!
7. **Financially Lucrative Agreement at Taxpayers's Expense:** The plant is not free. It poses real financial risks to Ontario taxpayers who are on the hook for the lucrative profit guarantees the Gov't. of Ontario has given to TransCanada Energy. TransCanada has a 20 yr. fixed rate contract with the Gov't. of Ontario.

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Ongoing and Upcoming Activities and Milestones

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| TBD | <u>C4CA to Host Information Meeting for North & West Oakville:</u> C4CA will host awareness raising meetings in North and West Oakville to provide residents with the dangers of the proposed power plant.
Watch C4CA.ORG for details. |
| TBD | <u>C4CA to Host a RAPP (Run Against the Power Plant):</u>
Watch C4CA.ORG for details. |

Ongoing and Upcoming Activities and Milestones

- TBD **C4CA to Host a Gala Ball:** C4CA is planning a fund raising gala ball.
Watch C4CA.ORG for details.
- March 2, 2010 **C4CA to Co-ordinate Protest Rally at Queen's Park:** C4CA is organizing a rally at Queen's Park.
Watch C4CA.ORG for details.
- Feb. 10, 2010 **TransCanada Energy to Host Public Information Meeting In Oakville:**
Time: 4:00-9:30pm
Location: Oakville Conference Centre, 2515 Wyecroft Road, (Bronte Road and QEW)
- In Progress **TransCanada Energy Development of ERR (Environmental Review Report):** TransCanada Energy issued a **preliminary** draft of its ERR on Jan. 26, 2010. A **complete** draft ERR was expected at the end of Dec. 2009 but was delayed. Key dates now are:
- Jan. 26, 2010: TCE issues Preliminary Draft ERR;
 - Feb. 25, 2010: End-Date for comments from the public on Preliminary Draft ERR (30 days following date Preliminary Draft ERR issued);
 - Date TBD: End-Date for TCE to complete updating Preliminary Draft ERR based on comments and issue Draft ERR;
 - Date TBD: End-Date for receiving comments from public on Draft ERR (75 Days following date Draft ERR issued);
 - Date TBD: End-Date for TCE to complete updating Draft ERR based on comments and issue Final ERR.
- In Progress **Ontario Gov't. Task Force Study of Oakville-Clarkson Airshed Air Quality and Ways to Improve It:** The Ontario Gov't. assigned Dr. David Balsillie to find means of reducing emissions in the Oakville-Clarkson Airshed. The Task Force's key dates are:
- Nov. 24, 2009: Task Force announced and Dr. David Balsillie assigned to lead it;
 - June 30, 2010: Final Report and Action Plan to be issued;
- In Progress **TransCanada Energy Appealing Dec. 4, 2009 OMB Decision Upholding Town of Oakville's Interim Control By-Law Restricting Construction of Power Plants:** The appeal is pending.
- Ongoing **C4CA Performs Information Distribution and Fundraising:** C4CA continually distributes key information about the power plant and the status of the proposal to build it and holds informal information sessions for residents. C4CA makes lawn signs and buttons available for residents to show their opposition to the power plant and in return C4CA hopes to receive the donated funds necessary to oppose the proposed power plant.
- Ongoing **C4CA, Town of Oakville and other Key Supporters Co-ordinate Defence Efforts:** C4CA maintains close communication and co-operation with the Town of Oakville, and other key supporters including The City of Mississauga, The Regions of Halton and Peel, and rate payer associations in Oakville and Mississauga.
- Ongoing **Freedom of Information Filings are Submitted:** Various organizations have failed to disclose key

Ongoing and Upcoming Activities and Milestones

related information about the proposed power plant and the process that led to its selection. As a result, **fifteen** FOIA requests to-date have been made under the Freedom of Information and Protection of Privacy Act to compel disclosure for fair scrutiny of what has happened behind closed doors. To-date none have been satisfied however.

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- Feb. 03, 2009 **Town of Oakville Becomes First in Ontario to Control Emissions of Dangerous Fine Particulate Matter:** Based on many studies, Town of Oakville councillors unanimously passed By-Law (2009-197) to control FPM emissions. This By-Law makes Oakville the first jurisdiction and the leader of all levels of government in Ontario including the provincial level, to control highly dangerous FPM emissions. The By-Law applies to existing emitters as well as new emitters such as the 900MW power plant proposed by the Gov't. of Ontario for Oakville.
Key Dates are:
- **Feb. 3, 2010:** By-Law passed by Town Councillors unanimously;
 - **Jan. 21:** Resident group meeting held to receive feedback on By-Law; The Town held an information meeting to provide residents with the opportunity to ask questions about the draft FPM By-Law it had released for comment on Dec. 10, 2009. Residents were supportive of the By-Law with the only concerns being that they hoped there would not be problems and obstructions in implementing it.
 - **Jan. 19:** Business group meeting held to receive feedback on By-Law; The Town held an information meeting to provide the Oakville Business Community with the opportunity to ask questions about the draft FPM By-Law it had released for comment on Dec. 10, 2009. Approximately 50 business representatives attended out of the approximately 150 who were invited and there was general acceptance that regulations were needed but with some concern that the By-Law not be bad for business in Oakville.
 - **Dec. 22, 2009:** Preliminary draft of Health Air Quality By-Law circulated for public review;
- Jan. 27, 2010 **TransCanada Energy Runs Tour of Toronto-Portlands Power Plant for Selected Oakville-Mississauga Residents:** TCE ran a tour of its Toronto-Portlands Power Plant for selectively invited individuals from Oakville and Mississauga.
- Jan. 19, 2010 **King Township Follows Oakville's Lead and Passes Interim Control By-Law in Defence Against 393MW Power Plant Proposed by Gov't of Ontario In Holland Marsh on Edge of Ontario GreenBelt:** Comments of Township Solicitor:
- **Jan. 11, 2009: Council Meeting Minutes: Comments of Township Solicitor:**
"Mr. Feehely, Township Solicitor advised that Council has been put in a difficult position by

Activities, Developments and Milestones Since Previous Newsletter - (Dec.2009)

the Province of Ontario. He reviewed the Township's legal options and commented on the upcoming OMB hearing. He noted that LSRCA (Lake Simcoe Region Conservation Authority) has outstanding issues regarding access to the site and that the Site Plan Application does not comply with the Provincial Greenbelt Policy. Mr. Feehely advised that an option the Township has is to pass an Interim Control By-law which could delay the upcoming OMB hearing for up to one year. He commented that the City of Oakville has had some success using the Interim Control By-law pertaining to a similar proposed development." (The proposed development being the proposed 900MW Oakville power plant.)

Jan. 08, 2010

C4CA Health and Safety Committee Issues Summary of Facts and Studies Related to Power Plant Proposed by the Ontario Gov't. and TransCanada Energy: The summary references 16 studies related to the health effects of Air Pollution, including those by The Ontario Medical Association, The Canadian Medical Association, the U.S. Environmental Protection Agency and Health Canada.

Some relevant facts and predictions are:

- The OMA (Ontario Medical Association) estimates that in 2005 there were 190 premature deaths in Halton and 370 in Peel costing \$56,200,000 in health care costs;
- The incidence of premature death due to air pollution is increasing (ie. the number of people dying prematurely is increasing faster than the population). The OMA estimates that in 2008 there were 336 premature deaths in Halton and 700 in Peel;
- The bulk of adverse health effects are caused by inhalation of FPM (Fine Particulate Matter defined as particulate matter less than 2.5 micrometres in size);
- Children and those with diabetes or chronic heart and lung disease are most susceptible to FPM;
- FPM can not only get into the deepest and smallest parts of lungs, it can penetrate into the blood stream;
- There are no known "safe" levels of FPM;
- There are no regulations in Canada for FPM although the United States has had them since 1987;
- FPM is not only created directly but it can be created from other pollutants released into the toxic air stew we breathe. These include Nitrogen Dioxide and Carbon Monoxide;
- The proposed power plant would be an emitter of all these as well as other pollutants;

The Town of Oakville has drafted a By-Law to regulate FPM. At meetings held to accept residents' and business' comments it was revealed that:

- 80 Oakville residents are predicted to die prematurely due to breathing Fine Particulate Matter;

While the Ontario Government has initiated a 1-person task-force under Dr. Balsillie to find ways of cleaning up the toxic air in the Oakville-Clarkson Airshed, similar efforts have been in progress for years with no results and the latest initiative is generally seen as an inadequate attempt to

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deal with the air pollution in the area.

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Nov.-Dec., 2009	C4CA Becomes an Incorporated Not-for-Profit Organization
Dec. 22, 2009	Town of Oakville Releases Proposed Health Protection Air Quality ByLaw (2009-197) to Regulate Fine Particulate Matter Emissions Within the Town
Dec. 22, 2009	TransCanada Energy Given Leave to Appeal Dec. 4, 2009 OMB Decision Upholding Town of Oakville's Interim Control By-Law Restricting Construction of Power Plants
Dec. 16, 2009	C4CA Petitions J. Gerretsen, Ontario Minister of the Environment Requesting an Individual Environmental Assessment for the Power Plant Proposed by The Government of Ontario and TransCanada Energy for Oakville
Dec. 15, 2009	Town of Oakville Requests New Provincial Regulations for Airborne Fine Particulate Matter
Dec. 10, 2009	C4CA Launches Print and Video Campaign and Press Release
Dec. 9, 2009	C4CA Initiates Letter Writing Campaign to Provincial Elected and Corporate Officials
Dec. 9, 2009	C4CA Hosts Oakville Power Plant Information Night
Dec. 9, 2009	TransCanada Awards Generator Turbines Contract to Mitsubishi Heavy Industries
Dec. 8, 2009	Environmental Law Firm Bennett Jones (on behalf of C4CA) Again Writes to The Government of Ontario and Power Plant Proponent
Dec. 4, 2009	Ontario Municipal Board Announces Decision in Favour of the Town of Oakville's Interim Control By-Law Restricting Construction of Power Plants
Nov. 27, 2009	C4CA Publishes Open Letter Detailing the Inadequacies of Ontario's Environmental Control Processes and Standards in the Oakville Beaver
Nov. 24, 2009	TransCanada Energy Hosts Closed Information Meeting
Nov. 24, 2009	C4CA Mounts Rally at TransCanada Energy's Closed Information Meeting
Nov. 24, 2009	Environmental Law Firm Bennett Jones Writes Letter to The Government of Ontario and Power Plant Proponents
Nov. 24, 2009	Ontario Gov't. Initiates Task Force to Study Air Quality of Oakville-Clarkson Airshed and Ways to Improve It
Nov. 20, 2009	Ontario Power Authority Publishes Open Letter to Residents of Oakville
Nov. 13, 2009	Town of Oakville Requests Stronger Environmental Assessment of Ontario Government and TransCanada Energy Power Plant
Nov. 4, 2009	Students Organize Rally
Oct. 13-20, 2009	OMB Hearing & Special Session

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Oct. 20, 2009	Town of Oakville Special Council Session
Sept. 30, 2009	OPA (Ontario Power Authority) Selects TransCanada Energy to Build 900MW power plant in Oakville

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How You Can Help

We the residents of Oakville and Mississauga must stand together and make our voices heard if we are to succeed in reversing the decision to build this power plant. **We are determined to correct the mistaken decision to build this proposed power plant.** To help you can:

- Join C4CA and **donate to C4CA to help us hire the expertise we require to win this battle;**
- Learn all you can about the issues around this extraordinarily unusual power plant proposal and build awareness with your friends and neighbours;
- Volunteer your time and/or expertise to assist on our various committees. C4CA has enlisted expertise in many areas including Legal, Health, the Environment, Engineering, Fundraising, Public Relations, Youth and Administration but all the help we can get in these as well as other areas can be used;
- Participate **today** in our letter writing and phoning campaigns to the Premier of Ontario and his Ministers, and to the Ontario Power Authority and TransCanada Energy;
- Become a Street Captain. Use this e-mail address to sign up: StreetCaptains@c4ca.org. Street Captains are responsible for canvassing and fundraising, communicating with the residents, distributing signs, etc.;
- Assist in raising awareness of the proposed plant's dangers and our opposition to it by helping to plan and run awareness raising events;
- Contribute your time and support for the unexpected activities which come along from time to time.

For details go to the C4CA website: C4CA.ORG.

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C4CA Organization

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Political and Corporate Names to Whom You May Wish to Voice Your Opposition and Their Contact Information

For details go to the C4CA website: C4CA.ORG.

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