

Citizens for a Healthy Toronto Waterfront

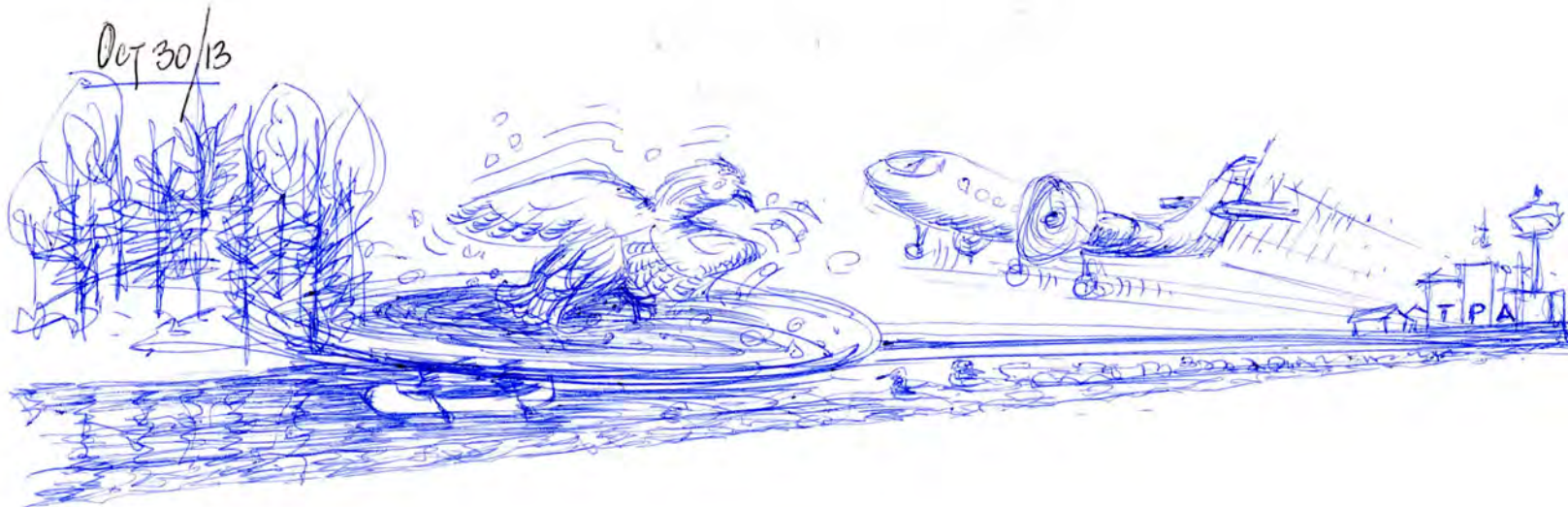


Citizens' Vision Statement for a Healthy Toronto Waterfront

co-created on October 30, 2013

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“Citizens’ Vision Statement for a Healthy Toronto Waterfront,”

serves as a guide to Councillors and the City's processes, ultimately leading to the vote in December, 2013.

It defines a collective citizens’ vision for a healthy waterfront with emphasis on preventing harm to Toronto’s Waterfront.

If there is any doubt with respect to harm, Citizens for a Healthy Toronto Waterfront calls on the conscience of Councillors to vote NO to Porter’s proposal introducing jets and expanding Billy Bishop Toronto City Airport.

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Executive Summary

Toronto's Vulnerable Waterfront

Toronto's waterfront is a living, breathing gem. It hosts up to 17 million visitors per year, drawing constituents from all over Toronto and tourists, for relaxation and recreation. It is cottage country for many who do not have the means to go north for vacation. The waterfront is also home to thousands of residents.

Billy Bishop Toronto City Airport is a small airport located in the heart of Toronto. Its operations are on the Toronto Islands and its land entry point is within Bathurst Quay neighbourhood. Toronto Island hosts 300 homes, 2 daycares, a school, and an artists residency. The closest community to the airport, Bathurst Quay neighbourhood, consists of 2 schools, several daycares, 8 Condominiums, 4 Co-op residential buildings, 2 Toronto Community Housing apartment buildings, and marina residents who live on their boats. The schools and a daycare are just metres from the airport. Hanlan's Point Beach is located on Toronto Island, directly adjacent to the airport's eastern edge. The waters are filled with boats, kayaks, canoes, kite boarders and swimmers.

Only a hundred metres from the main airport runway is the home of a bird sanctuary. Another much larger sanctuary exists at the neighbouring Tommy Thompson Park, declared a Globally Significant Important Bird Area.¹ Several waterfowl species make their home along the shores and a variety of fish dwell in the lake waters. Other wildlife includes frogs, turtles, fox, beaver, muskrat and raccoons. These creatures are in addition to family pets who also enjoy this precious waterfront.

¹ <http://tommythompsonpark.ca/natural-heritage/birds.dot>

Citizens for a Healthy Toronto Waterfront

Citizens for a Healthy Toronto Waterfront are citizens concerned about human, environmental and wildlife health in context of the proposed jets and expansion of the Toronto island airport. Expanding the airport and introducing jets will increase air, water and noise pollution and introduce safety hazards. Expansion and jets are therefore unhealthy and will do harm to our waterfront.

Vote Against Jets to Avoid Harm

In April 2013, Porter Airlines announced it wants to start flying jets out of Billy Bishop Toronto City Airport and lengthen the airport runways. This will yield an increase of flights, road traffic and fuel transportation and storage. Jets and airport expansion will significantly increase air, water and noise pollution and introduce safety hazards, posing serious health and safety risks to people, animals and natural habitat.

City Councillors' vote on December 16 will impact the health and safety of Toronto's waterfront for generations to come. Citizens for a Healthy Toronto Waterfront asks that Councillors acknowledge the health and safety risks. In addition, we draw Councillors attention to a serious lack of due processes, rushed assessments, and especially the lack of scientific information required to prove no harm will be done to Toronto's waterfront. All points of concern are listed here, and their supporting details are in the sections that follow the Executive Summary.

- evidence indicates that airport noise, water and air pollution and safety issues harm the health of people, natural habitat and wildlife
- proponents have yet to prove that expanding the airport and introducing jets will not harm Toronto's waterfront
- the health impact assessment has been rushed and there isn't enough time for citizens to review it properly before voting
- citizens were excluded from the health impact assessment
- never before has such a massive infrastructure been forced for voting at City Hall in such a short time frame
- corporate agendas are being pushed over the health of citizens and the environment

With this knowledge in mind, especially if there is *any* doubt with respect to harm, Citizens for a Healthy Toronto Waterfront calls on the conscience of Councillors to vote NO to Porter's proposal that introduces jets and expands the island airport.

Expansion and Jets Will Do Harm!

Nov 15 *“The island airport is in two migratory bird flyways. I feel really sorry for the wildlife and birds ... constant low horrible engine sound, which I can hear clearly in my apt and find it hard to concentrate and read!”*

Nov 17 *“It's 9:40 pm and I find the engine sounds unbearable! I find it hard to read or concentrate in any way! It's getting worse and worse ... I don't find I can live here anymore! I feel sorry for the squirrels, the birds, the other wildlife.”*

Nov 18 *“The noise is giving me heart pains and also the pollution is burning my nostrils ... the engine sounds were so loud today, it was unbelievable!” Windward Coop is just 520 meters from the most southern runway at Billy Bishop airport. I want to move again!”*²

The messages above were posted by Anita Krajnc on Facebook during the month of November, 2013. She has since been applying to apartment buildings in new communities.

Expanding the island airport and introducing jets will do harm to our waterfront due to an increase in air, noise and water pollution and safety hazards that will impact citizens, the environment, pets and wildlife. This section lists a variety of studies and information demonstrating how airports, including Billy Bishop City Centre Airport, impact on the health and well being of communities.

Air Pollution

- **Jet fuel exhaust** contains black carbon, ultra-fine particulate matter (UPM) and poly-aromatic hydrocarbons (PAHs). Black carbon has been associated with increased rates of lung diseases such as asthma and bronchitis, heart disease, sudden death and cancer. PAHs have been associated with increased cancer risk, disruptions in blood hormone levels, reproductive abnormalities in pregnant women and lower IQ scores in children.³
- **Jet fuel exhaust** can cause heart, lung and cancer risks, clots and inflammation, genetic disruption, hormonal imbalance, reproductive abnormalities, and lower IQ in children.⁴

² Anita Krajnc gave permission to publish her name and quotes.

³ <http://www.nowtoronto.com/news/story.cfm?content=195446> (Miriam Garfinkle and Susan Woolhouse, 2013)

⁴ <http://www.healthimpactproject.org/resources/document/Santa-Monica-Airport.pdf> (Santa Monica Airport HIA, 2010)

- **Airport air pollution and general operations** close to surrounding neighbourhoods increases lifetime cancer risks in nearby residents by 22 times over the Environmental Protection Agency standard.⁵
- **Fuel combustion** particulate matter, including road and air traffic, is associated with lung cancer, cardiopulmonary disease, respiratory infections and death.⁶
- **Air pollution** may cause cardio vascular inflammation, exacerbate asthma, vascular and heart disease, lung cancer and it may lower lung capacity.⁷
- **Air pollution**, each year, as a result of ozone is killing 470,000 people, and causing 2.1 million deaths in relation to fine particulate matter. Air pollution increases respiratory and heart disease risks in young, elderly and vulnerable populations.⁸

Water Pollution

- **Lakefill** over 100m³ will result in a Harmful Alteration or Destruction (HAAD) of fish habitat and this loss will require compensation.⁹
- **Runoff from de-icing chemicals** poison and kill fish and wildlife.¹⁰
- **Runway chemical runoff** into the lake.¹¹
- **Fuel leakage and spillage from refueling and storage** contaminates ground water and storm water that runs off into the lake.¹²
- **Runoff from parking lots, building roofs, aprons and taxiways, and other areas with hard surfaces** also run directly into the lake.¹³
- **Fuel dumping from flying aircraft** pollutes the lake with kerosene.¹⁴

5 <http://www.healthimpactproject.org/resources/document/Santa-Monica-Airport.pdf> (Santa Monica Airport HIA, 2010)

6 http://www.who.int/gho/phe/outdoor_air_pollution/en/index.html (World Health Organization, 2013)

7 <http://healthytorontowaterfront.org/wp-content/uploads/2013/11/Pieter-Jugovic.pdf> (Dr. Pieter Jogovic, 2013)

8 <http://iopscience.iop.org/1748-9326/8/3/034005/article> (Raquel A Silva, J Jason West, Yuqiang Zhang, Susan C. Anenberg, Jean-François Lamarque, Drew T. Shindell, William J Collins, Stig Dalsoren, Greg Faluvegi, Gerd Folberth, 2013)

9 <http://www.toronto.ca/legdocs/mmis/2013/cc/bgrd/backgroundfile-58197.pdf> (City of Toronto Staff Report, 2013)

10 <http://www.aef.org.uk/uploads/PlanningGuide2.pdf> (UK Aviation Environment Federation, 2011)

11 <http://www.aef.org.uk/uploads/PlanningGuide2.pdf> (UK Aviation Environment Federation, 2011)

12 <http://www.aef.org.uk/uploads/PlanningGuide2.pdf> (UK Aviation Environment Federation, 2011)

13 <http://www.aef.org.uk/uploads/PlanningGuide2.pdf> (UK Aviation Environment Federation, 2011)

14 <http://www.aef.org.uk/uploads/PlanningGuide2.pdf> (UK Aviation Environment Federation, 2011)

Noise Pollution

- **Aircraft noise** can cause sleep disturbance, reduced quality of life, and it may also increase morbidity and mortality from cardiovascular disease.¹⁵
- **Aircraft noise** can interfere with children's reading, motivation, language and speech acquisition, and memory.¹⁶
- **Jet aircraft noise** can impair children's longterm and short term memory, reading and speech perception.¹⁷
- **Chronic aircraft noise** correlates with children's impairment of reading comprehension and recognition memory. Annoyance from noise also implies impaired quality of life for children.¹⁸

Endangerment to Wildlife and Natural Habitat

- **Airport expansion** on prime natural bird habitat and key migratory routes poses a long-term threat to migratory birds, including birds at risk of disappearing in Canada.¹⁹
- "If the island **airport expansion** is allowed to continue, the airport will play a major role in the destruction of a major natural habitat for wildlife in the city. A bird sanctuary exists less than one hundred metres from the longest airport runway. Several species of waterfowl make their homes along the shores. Fish abound in the waters. Turtles and frogs live in the island lagoons. Foxes, beavers, muskrats and raccoons are in abundance".²⁰

Safety Hazards

- **RESA** at the end of the runway will provide an area with an opportunity for birds to loaf in proximity to deep water areas. This may be a safety concern for the operation of the [Toronto island] airport.²¹

15 <http://www.medscape.com/viewarticle/812312> (Anna L Hansell, Marta Blangiardo, Lea Fortunato, Sarah Floud, Kees de Hoogh, Daniela Fecht, Rebecca E Ghosh, Helga E Laszlo, Clare Pearson, Linda Beale, Sean Beevers, John Gulliver, Nicky Best, Sylvia Richardson, Paul Elliott, 2013)

16 http://www.fican.org/pdf/FICAN_Findings_on_school_study.pdf (Federal Interagency Commission on Aviation Noise, 2007)

17 http://www.me.unlv.edu/Undergraduate/coursenotes/egg102/Aircraft_noise.pdf (Staffan Hygge, Gary W. Evans, Monika Bullinger, 2002)

18 http://www.wolfson.qmul.ac.uk/RANCH_Project/Ranch_Project/Conclusions.htm (RANCH Project, 2005)

19 <http://torontowaterfrontbirds.wordpress.com/toronto's-birds-at-risk/> (Friends of Toronto Waterfront Birds, 2010)

20 <http://communityair.org/Issues/Issues.html> (CommunityAIR, 2013)

21 <http://www.toronto.ca/legdocs/mmis/2013/cc/bgrd/backgroundfile-58197.pdf> (City of Toronto Staff Report, 2013)

- **Two-engine jets** are more susceptible to bird strikes than three and four engine aircraft. In addition, an eight-fold increase to the Canada Geese population further increases the threat of bird strikes.²²
- **Jet blast** areas are in themselves a risk to boaters.²³
- **Jet blast** can up-root vehicles, trees, heavy objects and people, therefore it can also endanger boaters in the adjacent channels.²⁴
- **Shorebirds at a waterfront airport** represent a significant and serious danger to jet aircraft operation.²⁵
- **Fish habitat improvements near the airport** may result in increased bird activity, requiring a wildlife management strategy. A wildlife management plan needs to be developed that includes strategies to address impacts to resident birds, specifically, the cormorant colony at Tommy Thompson Park.²⁶
- **Information and facts** are offered as a guide to understanding why a Toronto island airport expansion is a bad idea.²⁷
- **Island airport expansion and introduction of jets** is unhealthy and will do harm to our waterfront.²⁸

22 <http://wildlife.faa.gov/downloads/StrikeReport1990-2012.pdf> (Federal Aviation Administration, 2013)

23 <https://docs.google.com/file/d/0B86yxyGd4xMWbkR1TFdmS2JyV28/edit?usp=sharing> (BBTCA Facts, 2013)

24 http://asrs.arc.nasa.gov/publications/directline/dl6_blast.htm (Nasa, 1993)

25 <https://docs.google.com/file/d/0B86yxyGd4xMWbkR1TFdmS2JyV28/edit?usp=sharing> (BBTCA Facts, 2013)

26 http://www1.toronto.ca/City Of Toronto/Waterfront Secretariat/Shared Content/Files/BBTCA/public_consultation_booklet.pdf (City of Toronto, 2013)

27 <http://bbtcafacts.weebly.com/> (BBTCA Facts, 2013)

28 <https://www.youtube.com/watch?v=-aObU5tLmDg> (Dr. Pieter Jogovic, 2009)

Corporate Agendas and Rushed Processes

Rob Ford and Norm Kelly meetings with Robert Deluce

On April 10 Robert Deluce, CEO and President of Porter Airlines, pre-ordered Bombardier jets and asked the City's Executive Council to approve his order within three months! Never before has a massive infrastructure been forced for approval at City Hall in such a short time frame. The process was subsequently delayed, but voting is scheduled for December – within an unprecedented six months.

Mayor Rob Ford received a high-level private briefing on Mr. Deluce's jet agenda on February 12, but the meeting was not included in the city's lobbyist registry.²⁹ On April 22, Rob Ford pushed Deluce's corporate agenda last minute onto the April 23 Executive Committee meeting.³⁰

The lobby registrar also shows nine meetings and contacts between Deputy Mayor Norm Kelly and Mr. Deluce of Porter Airlines, since the spring. In November, right after being transferred many of the Mayoral duties from Rob Ford, Deputy Mayor Norm Kelly said he's "always been a strong supporter of the City Centre Airport. So, if that comes on the agenda I will do my best to garner support [for Porter's proposal to lengthen the runway]."³¹ It is relevant to note here, that the Deputy Mayor Norm Kelly served on the Toronto Harbour Commission (now Toronto Port Authority). It is concerning that the Interim Mayor, and Chair of the powerful Executive Committee, has already made such a decision without having reviewed the outstanding Health Impact Assessment report, lack of a public health consultation and other outstanding information.

Expansion of the island airport as a business opportunity should not trump the health of our citizens, and the little we have left of natural habitat in the city!

²⁹ <http://www.theglobeandmail.com/news/toronto/ford-had-advance-briefing-on-airport-expansion-plans/article11117837/>.

³⁰ <http://www.toronto.ca/legdocs/mmis/2013/ex/bgrd/backgroundfile-57703.pdf>.

³¹ <http://news.nationalpost.com/2013/11/19/qa-deputy-toronto-mayor-norm-kelly-a-day-after-council-gave-him-many-of-rob-fords-powers/>

Citizens Excluded from Health Impact Assessment

As a result of this corporate push by Mr. Deluce, Mayor Rob Ford and Deputy Mayor Norm Kelly, there has been time pressure placed on all parties involved in various assessment processes. A Health Impact Assessment workshop was conducted on October 9 - only two months from the mid-December vote. Despite citizens crying out at all public consultations that health is a priority, citizens were not allowed to participate in the October 9th HIA workshop, nor was a public health consultation ever conducted. A select list of key stakeholder organizations were invited to participate in the workshop, but their names have not been made public. The workshop was not video or audio recorded, nor was the Media allowed to attend. To make matters worse, the final HIA report is only available days before the final Executive Committee meeting on December 5. This lacks sufficient time for the public to review it before the mid-December vote.

Considering the public was not involved in the health impact assessment process, it would be highly undemocratic for Councillors to vote on public health without having consulted their constituents.

Citizens for a Healthy Toronto Waterfront

Citizens Plan their Own Health Meeting



Due to the exclusion of citizen participation in the October 9 Health Impact Assessment, and that there was no planned public health consultation, Citizens for a Healthy Toronto Waterfront formed to organize a Citizens' Health Meeting on October 30 at Metro Hall. The goal of the meeting was to collaboratively define a citizen's vision for a healthy Toronto waterfront that will prevent harm and preserve a green waterfront for generations to come. **The product of this meeting is this co-created document, the "Citizens' Vision Statements for a Healthy Toronto Waterfront."**³²

The meeting launched with presentations by key health and design professionals who spoke to health and safety concerns. The following were the key speakers:

Sarah Miller worked for 35 years with the office of Canadian Environmental Law Association. Her projects ranged from Great Lakes protection, to cancer prevention and various public health protection issues.

Elizabeth Littlejohn, Professor of Communications, Culture and Information Technology, Sheridan ITAL. Elizabeth teaches Social Innovation and Sustainable Design. She is also a member of Citizens' Climate Lobby.

³² <http://healthytorontowaterfront.org/video-oct-30-meeting-to-co-create-citizens-manifesto-for-a-healthy-toronto-waterfront/>

Hal Beck, P. Eng., Citizen Member of Community Liaison Committee, Toronto Port Authority and City of Toronto Traffic Study, YQNA rep to Toronto Port Authority's Community Liaison Committee, BQNA rep to Toronto Port Authority Tunnel Construction Committee, waterfront stakeholder rep on Steering Committee of Eireann Quay Transportation Study.

Pieter Josef Jugovic, CCFP and MD at Toronto East General Hospital (Toronto) / William Osler Health Centre-Brampton Civic Hospital (Brampton).

The Citizens' Health Meeting on October 30 was organized by, Teresa Ascencao, Wendy Fisher, Heather Flannery, Ron Jenkins, Henry Piersig, Vicki Piersig, Vladimir Hiritsch, Rick Persich, Toby Lake, Braz Menezes, Elizabeth Littlejohn, Jaime Lucio and Roy Mitchell.

In addition to the Citizens' Healthy Meeting and co-creating vision statements for a healthy waterfront, other endeavours of Citizens for a Healthy Toronto Waterfront include, publishing health and safety information via its website **HealthTorontoWaterfront.org**, Facebook page **facebook.com/healthytorontowaterfront** and Twitter account **@HTOWaterfront**; engaging citizens to take an active role in preserving Toronto's waterfront for generations to come; researching health and safety issues as they pertain to the waterfront; and liaising with City of Toronto and other organizations on the health of Toronto's waterfront.

The Citizens

Citizens for a Healthy Toronto Waterfront are people who attended the October 30 Citizens' Health Meeting, and a growing list others who are following our website, Facebook and Twitter pages, and who are on our e-mailing list. Citizens for a Healthy Toronto Waterfront is in the process of formalizing its operations by establishing a Board of Directors. It will remain a politically independent organization.

The October 30 Citizens' Health Meeting was attended by over eighty citizens from all over Toronto. The following are citizens who attended and are the co-creators of the "Citizens' Vision Statements for a Healthy Toronto Waterfront".

Vladimir Hiritsch	Elsie Peter	
Teresa Ascencao	Werner Powtsh (Level 5 Performance)	Gene Desfor (NoJetsTO)
Roy Mitchell	Elaine Stewart	Dorothy Gold Roseby
Braz Menezes (YQNA)	Elizabeth Block	Harold Swartz
Pam Mazza (YRNA)	Elizabeth Littlejohn	Mary Anderson
Klaus Hatje	Peter Holt	George Prodanou
Friedel Hatje	Timuir Khaliullin	Lynda Eunson
Bill Freeman (CAIR)	Geoff Kettel	M.M. Giroux
Pat Jeffries	Anshul Kapoor (NoJetsTO)	Kiki Olafsir
Frank Glosnek	Tim Ehlich (NoJetsTO)	Bruce Dickson
Jaime Monteiro (Occupy Toronto)	Roland Jonker	Lisa Binnie (Portlands Sensory Walk)
Barry Lipton (CAIR & NoJetsTO)	Jocabo Jonker	AK Wieler
Diana Green (NoJetsTO)	Louis Kestler	Shirley Bush
Jack Evas Parsons	Ted Whittaker	Sarah Miller (CELA)
Agni Avas Parsons	Karen Brown	Hal Beck (BQNA)
Michael White (Bring Back the Don)	Jerry Englar	Dr. Pieter Josef Jugovic (Toronto East General Hospital)
Sylvia Pellman (St. Lawrence Neighbourhood Association)	Geri Doherty	Teresinha Ascensao
Leida Englar (CAIR)	Norma Starkie	Rick Persich
Meghan Early (Humber College)	Heather Johnson	Vicki Piersig
Jim Panou (BQNA)	Anne Barber	Henry Piersig
Miriam Garfinkle	Jess Dawe (NoJetsTO)	Wendy Fisher
Jacob Stoller	Ulla Colgrass (YQNA)	Heather Flannery
Tamar Trusler	Brenda Roman	Ron Jenkins
33	Eugene Poon	Cathy Barr (NoJetsTO)
	Mike Comrie (South Beach Townhomes)	

33 The persons listed above are participants who, at the Oct. 30 Citizens' Health Meeting, gave permission to publish their names in association with co-creating the Vision Statements for a Healthy Toronto Waterfront

Citizens' Vision Statements for a Healthy Toronto Waterfront

At the October 30 Citizens' Health Meeting, the "**Citizens' Vision Statement for a Healthy Toronto Waterfront**" was co-created in a group workshop format. In the workshop, issues surrounding air, noise and water were solicited from attendees, with respect to human, environmental and wildlife health. Participants sat at round tables to brainstorm health solutions. Each table brainstormed and noted their ideas onto sticky notes. Based on consensus, each table attached their best ideas onto paper templates with category headings such as "Clean Water", "Clean Air", "Serene Sounds", etc. By the end of the workshop, new categories emerged. The top 170 sticky note submissions are listed in this section by category. A scan of the original hand-written sticky notes, a visual record imbued with citizens' healthy convictions for Toronto's waterfront, make up the last section of this document.

This collaborative document, "Citizens' Vision Statement for a Healthy Toronto Waterfront," outlines health solutions for Toronto's waterfront. It is for submission to the Executive Committee and Toronto City Council to provide guidance from stakeholder involvement as they head towards the December vote. The document is publicized on Citizens for a Healthy Toronto Waterfront website: HealthTorontoWaterfront.org.

Clean Water Vision Statements

- we are made of 98% water
- water must be studied as part of the Health Impact Assessment
- maintain blue flag beaches, healthy aquatic life, clean drinking water
- abide by the Great Lakes Water Quality Agreement
- clean up current airport pollution runoff before considering expansion (de-icing chemicals, runway chemicals, fuel leakage and spillage from refueling and storage, and run off from airport pavements and rooftops)
- stop fuel dumping from flying aircraft
- monitor airport water pollution
- add to and enhance water cleaning programs

Clean Air Vision Statements

- conduct air quality tests and depend less on modeling
- know that air pollution contains carcinogens and is the cause of lung diseases, cancer, heart disease and death (WHO)
- acknowledge that airport expansion will increase air pollution via increased road and air traffic, especially during idling and run-ups
- stop the accumulation of black residue inside people's homes
- rectify current problem of fuel fumes from airport as they are causing nausea and headaches in residents
- conduct a proper environmental assessment
- study current cancer clusters along the waterfront and Toronto Island neighbourhoods
- study negative economic impacts from health deterioration

Serene Sounds Vision Statements

- protect the waterfront as a place of escape from city noise
- protect the waterfront as a sanctuary for wildlife and musical sounds
- abide by City's noise bylaws
- end engine run-ups
- conduct NEF contour over water (sounds carries further on water than land)
- conduct full MOE assessment on noise
- assess and assign costs for window soundproofing in currently affected neighbourhoods
- know that noise pollution can interfere with children's learning
- know that airport noise can cause heart disease, morbidity and even mortality
- put up more sound barriers before considering expansion

Green Spaces Vision Statements

- enhance and protect green waterfront and Toronto Island
- maintain and enhance wildlife habitats
- ensure accessibility to the waterfront (not just in a physical sense)
- do not tip the scale towards waterfront industrialization

Safety Vision Statements

- prohibit fuel farms within the heart of the city, waterfront and Toronto Island
- prohibit transportation of fuel through city streets, past Bathurst Quay schools and daycare, and onto airport passenger ferry
- learn from Lac-Mégantic accident
- devise safety, emergency and evacuation plans
- know bird strikes on jet engines are a risk, especially considering the enormous quantities of birds in the airport vicinity
- correct current dangerous road traffic conditions around airport before considering expansion
- consider legal responsibilities with respect to potential future airport accidents
- assess structural building tolerances around low flight paths

Fair Processes Vision Statements

- the onus is on those who want airport expansion to scientifically prove no harm
- conduct a full Health Impact Assessment with enough time to consult citizens prior to Council vote
- conduct historical epidemiological studies
- consultant reports must require disclaimers on quality and criteria of reports
- disallow external deadlines to impose on City's democratic processes
- ensure corporate motivations do not trump citizen's needs and health
- consider legal ramifications of harm to various aspects of health

Future Vision Statements

- ensure corporate agendas do not trump the preservation of a green waterfront
- ensure taxpayers' dollars towards revitalizing the waterfront are not wasted in a harmful airport expansion
- maintain Toronto's position as top ten livable cities
- develop a seven generation plan for a green waterfront

Do No Harm to Toronto's Waterfront

Precautionary Principal

*"As to diseases, make a habit of two things — to help, or at least to do no harm."*³⁴

Hippocrates was an ancient Greek physician, often referred to as the "father of medicine". His words, "do no harm," are the fundamental inspiration behind the contemporary practice of "Precautionary Principal," an approach in policy, whereby lack of scientific proof of no harm places the burden of proof onto those who want to take action. They exemplify the fundamental importance of improving health, and at the very least doing no harm.

There following are current examples of the Precautionary Principal in Federal, Provincial and Municipal policy:

- **Canada:** "The House of Commons Standing Committee on Environment and Sustainable Development has pressed for strong emphasis on the precautionary principle in at least two reports, and the Precautionary Principle has been incorporated into the CEPA, 1999 and the Oceans Act."³⁵
- **Canada:** "Canadian Environmental Law Association (CELA) says future application of the precautionary principle in Canada should include recognition and treatment of uncertainty, presumption in favour of health and environmental values, assessment of alternatives, a shift in the burden of proof, and adjusted standards of proof, greater openness, transparency and external review, and approaches to "acceptability" of hazards that are based on distributional issues, potential loss of social and ecological capital and other non-monetary values."³⁶

³⁴ (Hippocrates, *Epidemics Bk. I, Sect. XI, 400 BCE*)

³⁵ <http://www.cela.ca/article/precautionary-principle/implementing-precaution-ngo-response-government-canadas-discussion-d>

³⁶ <http://www.cela.ca/article/precautionary-principle/implementing-precaution-ngo-response-government-canadas-discussion-d>

- **Ontario** “On February 25, 2013, Ontario’s Minister of the Environment, Jim Bradley, re-introduced the Great Lakes Protection Act ... which includes “guiding principles”: the Precautionary Approach (caution will be exercised even in the face of scientific uncertainty).”³⁷
- **Toronto**: In September 2011, Toronto Public Health published a “Guide to Applying Precaution in Local Public Health Settings.” The guide was developed “to explore a coherent, explicit and transparent way for local public health agencies to operationalize application of the precautionary principle (PP) to ensure comprehensiveness, consistency and accountability [and] ... to applying precaution to environmental health issues for use by local public health teams responsible for environmental health promotion and protection”.³⁸

City’s Commitment to a Green Waterfront

The 2003 Toronto Waterfront Scan and Environmental Improvement Strategy Study says, “**The City of Toronto after Waterfront Revitalization is complete should produce less emissions into the environment than the existing developed area of the City....**

Environmental opportunities in the water and natural heritage, soil and groundwater, and waste sectors are focused on incremental improvements over time”.³⁹ These approaches to cultivating a green Toronto waterfront will not happen with an airport expansion and jets.

This City’s waterfront vision is also reflected in Toronto’s 2010 Official Plan. The plan states that “**Major facilities such as airports ... and sensitive land uses such as residencies and educational and health facilities will be appropriately designed, buffered and/or separated from each other to prevent adverse effects from noise, vibration, odour and other contaminants, and to promote safety.**” The plan also requires that the proponent prepare studies and “be responsible for implementing any required mitigative measures.”

However, the Toronto Port Authority is not in sync with the City’s healthy vision for the waterfront. Hippocrates’ quote of “do no harm” is in stark irony to Toronto Port Authority’s speech by Mark McQueen to the Toronto Region Board of Trade on October 21.⁴⁰ Despite McQueen

³⁷ <http://www.osler.com/NewsResources/Ontario-Resurrects-Proposed-Great-Lakes-Protection-Act-as-Part-of-Larger-Great-Lakes-Strategy/>

³⁸ http://www.toronto.ca/health/hphe/pdf/applying_precaution_sep2011.pdf

³⁹ http://www1.toronto.ca/staticfiles/city_of_toronto/waterfront_secretariat/files/pdf/executive_summary_env_scan.pdf

⁴⁰ [http://www.torontoport.com/TorontoPortAuthority/media/TPASiteAssets/PDFs/Executive%20Correspondence/Mark-McQueen-speech-to-TRBOT-\(October-21,-2013\).pdf](http://www.torontoport.com/TorontoPortAuthority/media/TPASiteAssets/PDFs/Executive%20Correspondence/Mark-McQueen-speech-to-TRBOT-(October-21,-2013).pdf)

entitling his speech “Do No Harm,” he neglects to name the origin of the phrase, merely referring to it as created by an “ancient writer.” He also fails to demonstrate its general meaning, and especially its meaning in context of potential harm from airport expansion and jets. Instead, the bulk of McQueen’s speech is about financial growth, customer demand, passenger loads, Porter’s thriving business, new aircraft technology, attractive airport operations, and safety – but only in context of inevitable runway end safety area regulations.

In his speech, McQueen defends against accusations that the TPA wants to “ruin Lake Ontario” and “ruin the way of life of the people,” but his topic “Do No Harm” never comes to fruition. Fuel farm and fuel transportation hazards are not addressed; The proximity of fuel hazards to neighbourhood schools and daycares is ignored; The potential for de-icing fluids and runoff from runways harming our blue flag beaches and drinking water are dismissed; Airport operation impacts on the nearby bird sanctuary are avoided; And that jets are more susceptible to bird strikes over the current turboprops is also avoided.⁴¹

It is logical that expanding the island airport and flying jets over our waterfront will increase air, water, noise pollution and potential safety hazards our Toronto’s waterfront. McQueen’s speech, and a letter response from the TPA to the City on November 7,⁴² demonstrate the TPA is trumping business over the health and safety of citizens and environment. Citizens for a Healthy Toronto Waterfront asks that the City ensure the health of citizens, our environment and wildlife be taken care of as a priority over corporate agendas. It asks that the City keep with its vision for a green waterfront and apply the Precautionary Principal to Porter’s jets and airport expansion proposal. The onus is on those who want expansion to scientifically prove otherwise.

Citizens for a Healthy Toronto Waterfront consider health a priority issue in relation to the proposed airport expansion and jets. Our elected representatives, our Councillors, have a duty to consider their constituents’ public health concerns. **To ensure the City does not commit to irreversible harm, proof of no harm must be demonstrated. If there is any doubt with respect to harm, Citizens for a Healthy Toronto Waterfront calls on the conscience of Councillors to vote NO to Porter’s proposal that would introduce jets and expand Billy Bishop Toronto City Airport.**

⁴¹ *(Globe and Mail Jan. 17 2009)*

⁴² [https://www.torontoport.com/getattachment/57341cc0-bd81-4323-a0a8-7f73d5c3a1f3/Letter-to-Deputy-City-Manager-John-Livey-\(1\).aspx](https://www.torontoport.com/getattachment/57341cc0-bd81-4323-a0a8-7f73d5c3a1f3/Letter-to-Deputy-City-Manager-John-Livey-(1).aspx)



Citizens for a Healthy Toronto Waterfront
Clean Water Vision Statements



Citizens for a Healthy Toronto Waterfront
Clean Water Vision Statements

study effects of extra jet +
car pollution on WATER quality
(related to ~~the~~ ambient air
quality)

• the Great Lakes Water Quality
Agreement.

Airport runway expansion and extension
will affect water quality but in
what way? - not even being looked
at. This is water Toronto drinks.

Fuel dumping over Lake Ontario
is a serious concern for
water quality.



Citizens for a Healthy Toronto Waterfront
Clean Water Vision Statements

Water protected from
de-icing run-off
and fuel dumping

do a study about de-icing
fluids (very toxic) leading
into water and airports
policies on toxic dumping
(including fuel) IN WRITING
FROM AIRPORT.

I WANT WATER TO SMELL
HEALTHY ALONG THE
NEW BLUE EDGE.

Keep lakes cleaner by ~~pro~~ outlawing
airplane fuel dumping over water.



Citizens for a Healthy Toronto Waterfront
Clean Water Vision Statements

Monitoring of water quality
~~the~~ + components to ensure
its suitability for drinking,
swimming and wildlife.

add and enhance
programs targeted
at cleaning our
beaches

Clean Water free from toxic pollutants
associated with ~~airline industry~~

Proke Ontario is an example of stewardship
acknowledging its precious + ^{unique} source of
freshwater on the planet

Permanent + water quality assessments

TO ENSURE THAT THE WATER
QUALITY + SAFETY FOR THE
13 MILLION PEOPLE WHO DEPEND
ON THE LAKE FOR DRINKING
WATER NOT BE DOWNGRADED
ONE IOTA ~~AND~~ THAT BY JET
ACTIVITY AND THAT THIS SAFETY
BE SUBSTANTIATED BY SUFFICIENT
SCIENCE AND GUIDED BY THE →



Citizens for a Healthy Toronto Waterfront Clean Water Vision Statements

TORONTO SHOULD MAKE LAKE ONTARIO AN
EXAMPLE OF ~~THE~~ ~~TO~~ EXCELLENT
STEWARDSHIP OF ~~THE~~ SUCH A PRECIOUS
& UNIQUE SOURCE OF FRESHWATER

By:

THAT WE PROTECT ~~OUR~~ + IMPROVE
CONDITIONS OF
A AQUATIC HABITAT BY UNDER-
STANDING + MONITORING WATER
CURRENTS + FLOWS

Water must be part
of the Health Assessment.

THAT WATER RUNOFF CONDITIONS
ARE IMPROVED & MITIGATED AT THE
ISLAND AIRPORT & ALONG THE WATER-
FRONT TO WARD OFF CONTAMINATION
BY DEICING FLUIDS, FUEL DUMPING,
& OTHER TYPES OF RUNOFF
NO MATTER WHAT THE WEATHER CONDITIONS



Citizens for a Healthy Toronto Waterfront
Clean Water Vision Statements

- Permanent
Water monitoring
OF POLLUTANTS, TEMPERATURES

My councillor should protect our blue-flag beaches from water pollution, especially from an island airport expansion & introduction of jets!

To express a desire to stop the jets as step one in closing the Island Airport and returning the land to the creation of a signature urban park. ~~We~~

The manifests should express the desire to close the Island airport by phasing the current operations to close and move to Pearson in line with Train Connections to Pearson



Citizens for a Healthy Toronto Waterfront
Clean Water Vision Statements

Studies must be done
in the surrounding
communities - i.e. like South
Riverdale Air Impact Study.
Study involve Air & Water
Impacts On.

improve the current
water pollution emissions
from the island airport
before considering
any expansion.

I want fish to be
healthy and thrive
in lake ontario

We shouldn't have to
waste money monitoring
airport that is in the
wrong place and should
not exist.



Citizens for a Healthy Toronto Waterfront Clean Water Vision Statements

We want our young people and future generations to ^{be able to} have a waterfront clean enough to swim in everywhere. And City Council should make all decisions with this in mind.

Impact of runway extension on marine biology + blue flag beaches and drinking water - current and projected

We have a right to demand that our drinking water is protected from pollution by transportation vehicles,

TORONTO'S GROUND^{AND LAKE}WATER NEEDS TO BE PROTECTED FROM ANY POLLUTION RESULTING FROM AIRPORT/AIR TRAFFIC ACTIVITIES.



Citizens for a Healthy Toronto Waterfront
Clean Water Vision Statements

Water

I like to swim in clean water, not jet fuel & deicing fluid.

Need ground water study of Airport - never been done as far as I know

Legal Responsibility:
GREAT LAKES WATER
QUALITY AGREEMENT

CONSIDER THE LAW

DRINKING WATER

to slow down the current through the western gap causing ice buildup in the winter (3)
• This could also interfere with the flushing & dilution of pollution in the inner harbour this will lead to more contaminated sediments



Citizens for a Healthy Toronto Waterfront
Clean Water Vision Statements

water quality / safety
testing done consistently
and publically.

Water

Water to drink

Water for recreation

Water for fish, animals
and plants

Clean Water

Measure, and limit, the frequency
and amount re: Spilling of
jet fuel in the harbour and
in Lake Ontario.

I think I'm 98% water. Increasing
levels of environmental pollution flow
through me more each year



Citizens for a Healthy Toronto Waterfront
Clean Water Vision Statements

If there is a major incident how could the water be cleaned?

Where does the exhaust go? It must drop into the lake - for us to drink

DEMAND DATA ON DEVICES
FLUID USAGE + RECOVERY

Where does the debris go?
Are there fuel spills?
How are they cleaned up.



Citizens for a Healthy Toronto Waterfront Clean Water Vision Statements

WATER.

the effects of fuel spillage and deicing fluids from the airport NOW must be understood before any expansion is diverted

Need to protect the quality of Lake Ontario water + habitat from jet emissions, auto/truck emissions and chemical runoff into the harbour. We drink this water + fish + waterfowl live in it.

Water.

I want the drinking water in Lake Ontario protected from deicing fluid, fuel dumps and extension of a runway into harbour area, etc. 13,000 people drink this water.

AIRPORT TOXINS:

JET FUEL - DUMPING
DE-ICING FLUIDS
DIESEL
TRAFFIC EMISSIONS
RUN-OFFS



Citizens for a Healthy Toronto Waterfront
Clean Air Vision Statements



Citizens for a Healthy Toronto Waterfront Clean Air Vision Statements

~~each ~~remain~~ Flight levels~~
~~to~~ remain the same as
maintain flight levels
as per tripartite agreement

air quality tests done are
at least 2 per year and less
on modelling.

perpetual funding for air
quality monitoring.

prevent exposures to
carcinogens.

air pollution levels are directly
related to death rates, lung
disease rates, cancer and
heart disease rates.



Citizens for a Healthy Toronto Waterfront
Clean Air Vision Statements

Clean Air

1. I want the current airport operations to be properly and scientifically studied to know what the impact to our air is before contemplating any jet decision
2. Measure current impact of auto pollution from cars and taxis going to and from airport and how this impacts residents, especially waterfront students.

traffic in the core is already gridlock, impossible. It CAN NOT be allowed to INCREASE. It should decrease.

City Council
must have
information
gathering
experts - starting
NOW = AIR
WATER

I Do Not Want to CLEAN
BLACK FILM OFF MY
BEDROOM WINDOWS.



Citizens for a Healthy Toronto Waterfront
Clean Air Vision Statements

Jets increase air-pollution
No jets on the Waterfront.

Water
Clean Air Monitoring
- Full time
Provincial
MOE

What are we breathing
When we smell fumes
(Kerosene smell) what
does it do to us long term
Short term is nausea +
headache - Can smell it
in Music Garden, Little Norway,
Cowan Park

That a special ^{Air and Water}
Environmental Assess
ment be passed
either federally or
provincially - or
demanded by People of Toronto



Citizens for a Healthy Toronto Waterfront
Clean Air Vision Statements

People need oxygen. Jet fuel creates air pollution with fumes and particulate.
There should be no expansion and absolutely no jets at BBCT airport.

Clean up the air at the Waterfront & pre-school park & community park.

We citizens demand clean air free of additional pollutants created by the introduction of jets and its toxic emissions

permanent
funding for airport
air quality
monitoring



Citizens for a Healthy Toronto Waterfront
Clean Air Vision Statements

the traffic that moves through an already densely populated urban area, because of the expansion of the airport, will exceed current levels (which are not clearly documented) of vehicle waste air

Clean - Air

A Waterfront where people can walk, cycle and run without harming their lungs

my daughter's boyfriend grew up with pretty severe asthma in India. I don't want it to be an even more severe problem for their children.

AIR

□ We need to recognize the true health costs of poor air quality to the public (OHIP), personal (medication, job impact, life quality), industry (sick leave) and future generations (genetic regulator changes)



Citizens for a Healthy Toronto Waterfront
Clean Air Vision Statements

Impact on the
local school children
needs to be properly
studied, in situ

The city of Toronto must
protect the most vulnerable
among us; children the
elderly + the disabled
before protecting private
interests.

air

I want no jets due to
current high pollution from
traffic, rail link and
current planes.

air

I want to breathe
cleaner air to ↓ asthma
& cancer of lung.



Citizens for a Healthy Toronto Waterfront
Clean Air Vision Statements

AIR

- a system of perpetual air monitoring in place

Study - cancer clusters on the waterfront

We should reduce the air pollution we have before allowing ~~more~~ planes ~~that pollute~~ and traffic that increase ~~the~~ pollution.

Traffic in the city is a given; having a train ~~link~~ link to Pearson from Union Station is less polluting and reduces congestion & idling caused by car traffic and bus traffic. Trying to get access to an airport that has no appropriate access measures that should be in place.



Citizens for a Healthy Toronto Waterfront
Serene Sounds Vision Statements



Citizens for a Healthy Toronto Waterfront Serene Sounds Vision Statements

Study on sound effects on water and buildings (simplification) needs to be done.

UNIQUENESS OF SITE
LEARNING MODEL OF AIRPORT AUTHORITY
NEF CONTOUR ON WATER HERE NOT LAND
WATER DOES NOT BUFFER AS LAND DOES.
RUN UPS NOT INCL. - IN OTHER AIRPORT SITES
LINE OF SIGHT = LINE OF NOISE

Government assistance to ~~to~~ air condition Bahurst Quay buildings so we don't have to open our windows onto the noise of the airport

Government assistance to help install triple glazed windows, so Bahurst Quay residents don't have to hear the roar of airplanes from inside their ~~apart~~ apartments.

As a walker, I need cleaner air; I need less noise along the lake; I need anything that contributes my being calm. There are a lot others like me.



Citizens for a Healthy Toronto Waterfront
Serene Sounds Vision Statements

SOUND

- only long-term monitoring of cumulative sound levels at the island airport's unique and varied conditions AND legitimate noise reports on the new jets will ~~be~~ be useful data for making ~~a~~ ~~an~~ the environmental reports needed to make recommendations. THIS PROCESS IS FAR TOO RUSHED.

Waterfront protected from extreme noise variations, from high-pitched peaks

I live in a city - I expect noise.
I revel in it sometimes - the island protects the silent world for me as a city resident

Serene Sounds

I want live measurements of the noise contours taken from our waterfront and not from computer or other simulations. Live measurements taken from a variety of conditions (hot day, cold day, rainy day, windy day, etc.).



Citizens for a Healthy Toronto Waterfront
Serene Sounds Vision Statements

Better understanding of sound
over water (NEF)
Run ups. - direct line of sight is
a line of sound.

DEVELOP A NEW, EFFECTIVE
NEF CONTOUR APPROPRIATE
TO THE ISLAND AIRPORT.
- ENGINE RUNUPS IN APPROPRIATE
-

End engine run-ups.

We need to HEAR nature:
wind, water, birds, people
enjoying nature, music in
Music Garden



Citizens for a Healthy Toronto Waterfront
Serene Sounds Vision Statements

Permanent fulltime
Sound monitoring

Noise

Unreasonable noise
map which does not
give accurate forecast
NEF.

Sound travels better (or, in this
case, worse) over water. That's why
Jesus preached from a boat.

board or stack of ^{heavy fines}
~~at~~ discipline / ~~hours~~ of
lately outside specific
hours of ~~lately~~ at
night.

— runs ~~done~~ during normal
operational hours.



Citizens for a Healthy Toronto Waterfront
Serene Sounds Vision Statements

Reduce number of flights into existing airport to reduce need for early morning and late night arrivals.

~~2~~

Sounds.

A waterfront where children can hear the sounds of nature - birds
movement of water
wind in trees

Sounds stresses animals and birds

research studies confirming that ^{sudden} noise pollution is related to cardiovascular health.



Citizens for a Healthy Toronto Waterfront
Serene Sounds Vision Statements

I WANT ALL NOISE TO MEET
MOE CRITERIA SO I CAN
ENJOY MY LIVING ROOM
WITH AN OPEN WINDOW

children -
learning disrupted.
entitled to be in
quiet working environment

NOISE

— definition of noise should
include engine runups

Standard should
that you would expect
from any neighbour
is "quiet enjoyment
compliant with the city's
noise bylaws."



Citizens for a Healthy Toronto Waterfront
Serene Sounds Vision Statements

Use the proper
NEF Contour

~~XXXXXXXXXXXXXXXXXXXX~~
~~XXXXXXXXXXXXXXXXXXXX~~
Toronto has a rare treasure of ~~having~~ nature
@ the heart of its city. The envy of the world.
The sounds of nature are incompatible with
the sounds of aircraft and airports.

Noise from airports has been shown
in a well done study in the UK. to be
related to cardiovascular disease -
morbidity, perhaps mortality.

We believe we should reduce
noise pollution and make sure
noise is actually measured,
including @ noise during run-ups,
& noise projections based on reflections
on water, and
where our neighbours live.



Citizens for a Healthy Toronto Waterfront Serene Sounds Vision Statements

The ~~run~~ run ups are
really loud & smelly

INSTEAD OF SERENE sounds we have
'bird bombs' & 'screech bombs' to chase the
water birds and other birds away.
To ensure the safety of air traffic, birds are
being chased away. They are incompatible.
This can only be rectified by decreasing or
eliminating the air traffic ~~and~~ or accepting
that there is no room for nature.

Noise is not being
considered

- a) for run ups
- b) based on noise reflection
on water, rather than on
land forecasting
- c) in terms of proximity to residences

Waterfront has no facility for
buffering sound so air port
should not expand.



Citizens for a Healthy Toronto Waterfront
Green Spaces Vision Statements



Citizens for a Healthy Toronto Waterfront Green Spaces Vision Statements

Full accessibility to the water's edge by all citizens and visitors to Toronto

Enhance and protect residential and natural or recreational areas from increased noise, air water pollution.

Wildlife and biodiversity on Toronto Islands has grown as habitat disappears in the ATTA arrivals in the last decades include coyotes, beavers, mink deer - and a huge increase in aquatic health & fisheries - no degradation.

Common observation points to Closing The Airport and building a signature urban Park.



Citizens for a Healthy Toronto Waterfront Green Spaces Vision Statements

WATER

Toronto Islands have long been the escape ~~Toronto's~~ city life. Most citizens cannot afford to own ~~or~~ a cottage (nevermind a private plane to get to one). The ^{water} beaches of our islands permit citizens of all income levels to escape the heat of the city and enjoy the waterfront.

• accessibility connectedness
in waterfront full need
to with stand public challenges. ⑥

Phase out Island Airport
and move operations to
Pearson.

Develop signature Park
Plan that contains Alleé's
of flowering trees open meadows
sports field Native Centre
and arts Centre

There are reasonable balances required in the
question of people's health & economics.
With the growth of aircraft & aircraft movements
this balance has been skewed in favour of
the aircraft & the aircraft industry more than
a reasonable balance. Enough is enough.!



Citizens for a Healthy Toronto Waterfront Green Spaces Vision Statements

The waterfront of Toronto is a "gift" that makes Toronto the treasure that it is today for its citizens & for tourists that want to experience the beautiful city that it is. The waterfront is continually being enhanced for the benefit of tourists & its residents. The expansion of the airport runs totally contrary to this enhancement for no justifiable reason. How many cities can boast such an amazing balance of nature in the heart of the city -
DO NOT DESTROY THIS TREASURE.

CONSTANT CONFLICT BETWEEN NATURE & AIRPORT IS EXAMPLIFIED BY THE DAILY & CONSTANT NEED FOR "BIRD CONTROL STAFF" @ THE AIRPORT THAT SPEED UP & DOWN THE LENGTH OF THE AIRPORT SHOOTING ANTI-BIRD BOMBS, IN THE DIRECTION OF BIRDS AT ALL HOURS. (and 'SCREACH BOMBS') IT SOMETIMES SOUNDS MORE LIKE A WAR ZONE THAN A WATERFRONT, A WAR ON BIRDS!
THIS IS A CONFLICT OF LOCATION CITY MUST DECIDE IF THE AIR TRAFFIC SHOULD BE @ PEARSON OR IF THE BIRDS ARE MOVED TO PEARSON. THEY SHOULD NOT EXIST IN THE SAME LOCATION.

NO NEGATIVE IMPACTS ON MIGRATORY OR LOCAL BIRDS, BUTTERFLIES, FISH AND WILDLIFE.

• the official plan of the city that mandates that the Toronto Island Park remain open year round. Runways extension has potential



Citizens for a Healthy Toronto Waterfront Green Spaces Vision Statements

Arctic waterfowl
that winter here:

Longtails ("oldsquaws")

Buffle heads

Goldeneyes

Summer residents,

or all-year: Grebes

Ring-billed gulls, mallards,

gadwall, mute + trumpeter swans

seen here in migration:

Grebes, loons, teal,

sculp, scoters,

mergansers (3 species)

Sometimes harlequin
ducks

Shorebirds: plover,
sand piper, whimbrels

Others that I haven't
thought of - and lots
of land birds

Why double the industrial
use of this Toronto waterfront
land and facilities?

place stickie here

place stickie here



Citizens for a Healthy Toronto Waterfront
Safety Vision Statements



Citizens for a Healthy Toronto Waterfront Safety Vision Statements

Emergency ~~and~~ preparedness and response.

Improving public security.

Find alternative way to supply fuel to airport - barge & fuel tankers ~~at~~ not peak hours.

~~Do not~~ ~~Do not take passengers~~
~~to introduce~~ Introduce stringent security checks of passengers and private vehicles entering ferry.

WE NEED A COMPREHENSIVE EMERGENCY & SAFETY PLANNING, WHICH NEEDS TO BE GIVEN TO ALL PERSONS USING THE AIRPORT AND ALL RESIDENTS WITHIN 3-5 KM OF THE AIRPORT,

Remember Lac Megantic?
How do we prevent a Lac Ontario?
Ontario?

WHAT IS REQUIRED TO DEAL WITH accidents (ie. on landing or take off) on island?



Citizens for a Healthy Toronto Waterfront
Safety Vision Statements

emergency response
to jet fuel farms
and expansion

TRAFFIC at
Lakeshore +
Bathurst is
Chaotic +
dangerous. / FIX
IT

- No Security on Ferry
- Fuel trucks go by the School + Daycares
- We have no idea if there is a safety plan

- potential crash assessment study done, or fuel explosion.

- fuel truck to have its own separate boat not with pedestrians and cars



Citizens for a Healthy Toronto Waterfront

Safety Vision Statements

Fix the intersections of Fleet-Lakeshore
Bathurst - Queens Quay.
(Crossing Lakeshore as a pedestrian
is very hazardous. Light
that intersection all the way
across.

I want to know how the
20,000+ residents of the
immediate airport area,
will be able to evacuate
in a timely, safe manner
in the event of a crash,
explosion, toxic leak
or other emergency.

I am concerned by the increased
diameters of jet engine intakes
and the resulting increase in
risk of birds getting caught.
How will pilots manage to
manoeuvre planes that are twice
the weight, height & carrying so
much more fuel - to avoid
injury to passengers, crew &
the buildings in the downtown
flight paths.

CONCERNED
ABOUT ACCIDENTS
RESULTING FROM FUEL
TRANSPORTATION



Citizens for a Healthy Toronto Waterfront Safety Vision Statements

Who will be legally responsible for accidents, fuel spills, bird strikes and their results, class action suits from loss of business and real estate values, etc.

Limited transportation along waterfront that create pollution, gridlock, accidents - preserve area for recreation

emergency response - impossible to evacuate downtown in case of explosion or crash due to bird strike

- consider an increase in (1/4) car traffic to airport
- truck transport of increased fuel to airport and other chemicals (Ethylene Glycol de-icing fluids)
- storage of fuel & de-icing fluids
- spill " " " " " "
- accidents involving fires and explosions at the airport
- increased need for emergency response services & plans's capacity



Citizens for a Healthy Toronto Waterfront
Safety Vision Statements

What if there was
an accident - crash?
fuel truck explosion,
terrorist attack - what
would happen to US.

C Terrorism/accident
potential
~~Impact~~ needs to be
studied

No proper study done on effect
of jet aircraft on surrounding
condos - needs to be done!

Structural tolerances

most
COMPLEX INTERSECTION *
PLUS SCALE OF ATTRACTIONS.



Citizens for a Healthy Toronto Waterfront
Fair Processes Vision Statements



Citizens for a Healthy Toronto Waterfront
Fair Processes Vision Statements

WE NEED A SERIOUS AND DETAILED
HEALTH IMPACT STUDY BY AN INDE-
PENDENT AUTHORITY IN REGARDS
OF SOUND AND AIR POLLUTANTS
FROM AIRPORT ~~OPS~~ OPERATIONS.

* We need a full
Health Study even if
the expansion ~~does~~
does not happen!

FUNDING NEEDED FOR SCIENTIFIC
MONITORING OF ALL FACTORS.

DISCLAIMERS RE NON-PROFESSIONAL
QUALITY + CRITERIA OF REPORTS.

Do the real science
of this healthier waterfront
air, water, human health
the machinery -



Citizens for a Healthy Toronto Waterfront Fair Processes Vision Statements

Public Health needs to say there is not enough time to do a proper study.

We, must take seriously the historical evidence provided + serious ~~studies~~ epidemiological studies must be done in communities surrounding the waterfront of Toronto

I am extremely offended by the process: First, they order the jets. Then they ask permission to fly them out of the airport.

What's gonna happen the next time someone wants to do something that he thinks will be profitable to him, but that will be costly to the public - and controversial. We'll be, like Robert DeLuce, feel entitled to ram it through?

We have a right to have an independent environment and health assessment to protect and enhance our life



Citizens for a Healthy Toronto Waterfront **Fair Processes** Vision Statements

institute the
precautionary
principle in all
areas

The onus is on the
City to prove the integrity
of its study + review processes,
not on the citizens

The Tripartite Agreement
can only be changed if "there
is no negative impact on the
^{residential + recreational environment}
Waterfront. Needs to be
proven - it ~~is~~ already has a
negative impact.

There is insufficient time
to proceed with due
diligence



Citizens for a Healthy Toronto Waterfront Fair Processes Vision Statements

CORPORATE interests of
Porter Airlines

can harm
health of people
living in Waterfront

Corporate Bullying should
not trump concerns from
those of lesser economic
status.

Why should the economic
interests of 1 person
trump the interests
of All the citizens
of IN TORONTO?

not just for us (2013) but for
the future - the long future ©

Haste in pushing approvals
through ignores concerns
about many health-related
issues: noise, safety,
chemical pollution, physical
well-being. This is a catastrophe,
a flat-out scandal.*



Citizens for a Healthy Toronto Waterfront Fair Processes Vision Statements

THAT ALL SYNEGYSTIC
IMPACTS OF INCREASED
TRAFFIC BE DELINEATED
INCLUDING
• AIR POLLUTION
• WATER POLLUTION
• NOISE POLLUTION
• AND DEGRADATION OF THE
RESIDENTIAL CULTURE BEFORE
ANY APPROVALS ARE CONSIDERED

• consider social determinants of health.

All measures of sound, safety, air quality, traffic, water and air pollution are so far insufficient. All TPA studies have been drafts to prevent legal issues. We need Thorough and final reports, with legal ramifications!

- PUBLIC CONSULTATION MUST BE HELD ALONG WITH PROPER HEALTH IMPACT STUDIES DONE BEFORE PROCEEDING.



Citizens for a Healthy Toronto Waterfront Fair Processes Vision Statements

Since Port Authority has been in existence, we have been subject to the fog of deception put out by the TPA.

They have said over and over since the beginning that the pollution that the airport produces is intransigent compared to the Gardiner/Lakeshore railway pollution.

The residents objected from the beginning that the added pollution along the waterfront beside the airport that affected the schools + park + residential community in the area.

Uniqueness of Island site needs to be studied and addressed in research.
- water / wind / sound / barometric pressure.

place stickie here

place stickie here



Citizens for a Healthy Toronto Waterfront
Future Vision Statements



Citizens for a Healthy Toronto Waterfront
Future Vision Statements

Develop a sustainable seven generation plan that incorporates the waterfront into a leading environmentally sustainable city

Quality of life of waterfront has higher priority than private business interests

Protect the existing investments in providing access, employment and health along the waterfront

Constant Traffic is exhausty!



Citizens for a Healthy Toronto Waterfront Future Vision Statements

~~from~~ Toronto taxpayers
have highly invested
in the waterfront
this is collective space
to protect for everyone

insure that the decision
does not set back all
other federal investments
in waterfront health

• consider how airport could set
back gains in waterfront
beneficial uses achieved by
the Toronto Remedial Action Plan

• the huge local growth in
waterfront residents who
are now vulnerable to airport
impacts

as citizens of one of the top
ten livable cities in the world
airport intensification and its
related noise, water, health
pollution goes against this
very livable city.



Citizens for a Healthy Toronto Waterfront
Future Vision Statements

We demand that the residents, visitors and students of the waterfront be allowed to remain free of additional congestion, noise, contamination & disruption arising from use of jets at island airport.

place stickie here

place stickie here

place stickie here