



HAMILTON INDUSTRIAL ENVIRONMENTAL ASSOCIATION

Environmental Update

Vol. 12: Year – End 2010



Report to the community...

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A Letter from the Chair...



Frank Harrison

Board Chair for the Hamilton Industrial Environmental Association in 2010. Having been involved with HIEA for almost five years I have seen the positive impact that our members have made and continue to make in the Hamilton community.

As a strong, dedicated group of member companies HIEA works closely with our neighbours,

As Division Manager - Environmental Affairs for U. S. Steel Canada I welcomed the opportunity to again take on the role as

community and environmental groups and many local representatives from the City and the Ministry of the Environment, looking for ways to fulfill our mandate:

"to improve the local environment – air, land and water – through joint and individual activities, and by partnering with the community to enhance future understanding of environmental issues and help establish priorities for action."

2010 proved to be both a busy and successful year as HIEA member companies continue to participate in, and support, a
...continued on page 2

HIEA Mandate

“to improve the local environment – air, land and water – through joint and individual activities, and by partnering with the community to enhance future understanding of environmental issues and help establish priorities for action.”

A Letter from the Chair... continued from pg. 1

number of local environmental initiatives. In 2010 the Hamilton Industrial Environmental Association provided almost \$40,000 in direct funding to programs in Hamilton including: **HIEA’s tree planting program, Bay Area Restoration Council (BARC), Children’s Water Festival, Hamilton Burlington Earth Day Eco-Festival, Mohawk College Hamilton Industrial Environmental Association Bursary, Hamilton Wentworth District School Board Outdoor Education Program, Sir Winston Churchill Secondary School Environmental Program and the 2010 Upwind Downwind Conference.**

HIEA has a strong history of transparent and open communications regarding the collective environmental performance of its members. The association conducts an annual environmental survey of its member companies to report their aggregate environmental performance for key parameters such as air emissions, water discharges, recycling and waste management and environmental spending and stewardship. Using 1997 as the baseline year to evaluate environmental trends the 2009 Environmental Survey shows an overall improving trend for the years 1997 through 2009. This **year’s statistics are concrete** examples of the continuing success of HIEA member companies in improving the local environment. This survey is **presented at the association’s Annual General Meeting and to the Community Advisory Panel.** It is also available to the public both

in print and on the association’s website - www.hiea.org.

Our CAP was formed in 1997 to further develop the association by expanding our dialogue between industry and the community. Representatives from local neighbourhood associations, community advocacy groups, and other caring citizens meet with HIEA member company representatives to exchange information and discuss issues of concern to the community. Through this ongoing dialogue, CAP helps to set the directions **and priorities for HIEA’s activities, and individual member companies’ programs.**

Our members are actively making efforts to increase our corporate membership and Community Advisory Panel participation, bringing more local industries and community members to the table. As a local business or a neighbour to industry, your input is integral **to HIEA’s continued success and** we welcome your involvement.

For more information about how to get involved as a member, with CAP meetings and other current initiatives, visit www.hiea.org or contact us at 905-561-HIEA or info@hiea.org.

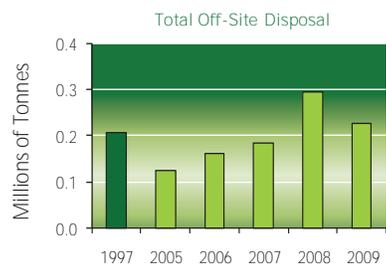
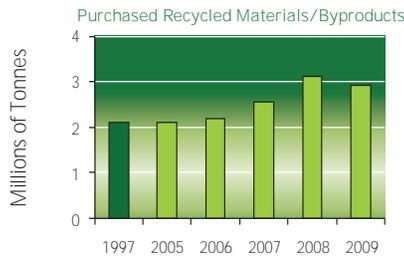
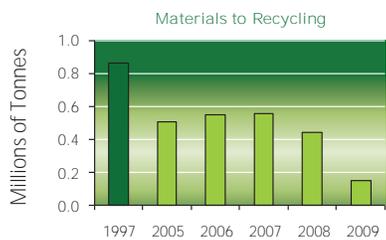
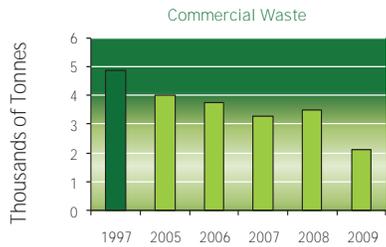


Frank W. Harrison, Ph.D.
Division Manager - Environmental Affairs
U. S. Steel Canada Inc.

Virginia Ctenuchid Moth (*Ctenucha virginica*); Common to eastern North America it inhabits wet meadows and open spaces with bushes and feeds mostly on grasses.

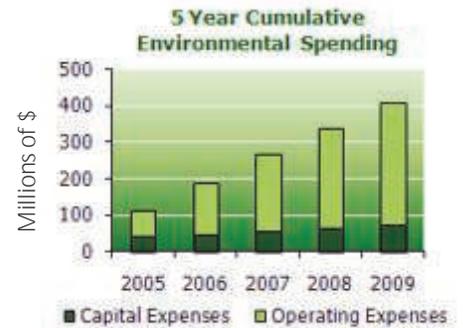
The 2009 Environmental Survey report shows a continued environmentally beneficial trend for the years 1997 through 2009.

Waste

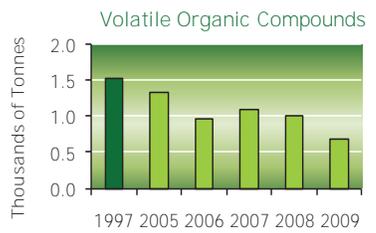
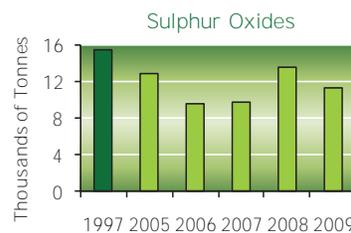
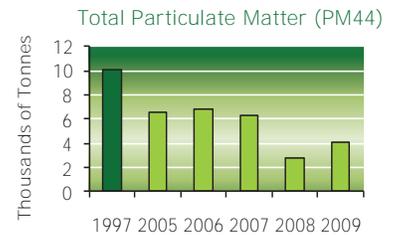
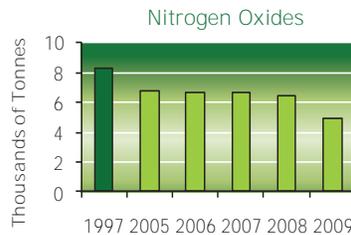


Environmental Spending

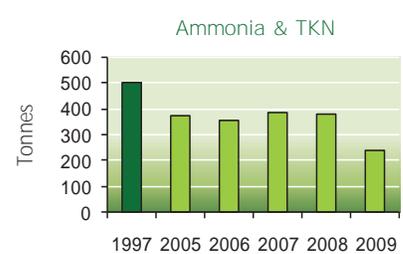
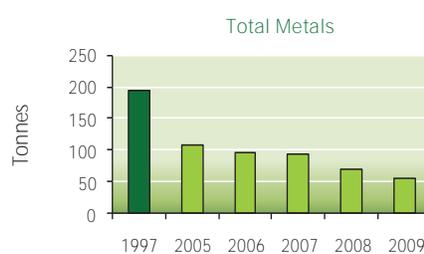
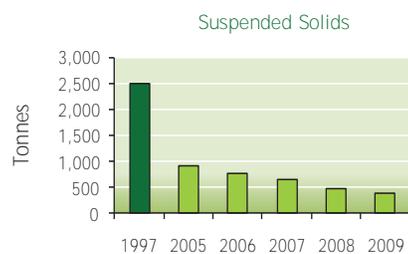
HIEA member companies continue to make major financial contributions to the economic well being and environmental protection of Hamilton. In 2008 our member companies employed over 8,300 people and together paid over \$29 million in Municipal taxes. HIEA Member companies have spent over \$410 million on environmental capital and operating expenses in the last 5 years; investing up to \$37 million in environmental capital projects per year and over \$65 million per year on environmental operating expenses.



Air



Water



HIEA continues to support local community programs...

"HIEA has developed strong relationships with many community groups and we are proud to lend our support to these worthwhile projects." Frank Harrison, Chair of the HIEA Board of Directors

Through direct financial sponsorship and the volunteer efforts of its member companies, HIEA supported numerous initiatives in 2010 including:

- Bay Area Restoration Council
- **Children's Water Festival**
- Earth Day Eco-Festival
- Mohawk College HIEA Bursary
- Outdoor Education Program
- Sir Winston Churchill Secondary School Environmental Program

HIEA continues to provide sponsorship and support to environmental and education programs within the Hamilton community.

New applications will be considered each year. To ensure consideration, submissions should be made by September 30th; funding decisions will be released by January 31. Applications received after the September 30th deadline may be considered at **HIEA's discretion.**

For information about eligibility for funding, our application forms and the process please check our website www.hiea.org for more details.

Demonstrating HIEA's commitment to the community...

In addition to the environmental activities and spending of individual member companies, HIEA also supports numerous community projects through both financial sponsorship and the

volunteer efforts of its member companies. Since forming in 1995, HIEA has spent an average of \$75,000 and countless volunteer hours each year to improve the local environment.

Bay Area Restoration Council —Yellow Fish Road Program

BARC's Yellow Fish Road Program is part of a nation-wide environmental education initiative that educates students and the public about the impacts of pollution entering urban storm drains. The water quality of Hamilton Harbour is important for the many kinds of wildlife that call the bay home. The dumping of hazardous waste into sewer drains is a significant source of water pollution.

drains and distributing fish-shaped brochures to nearby households, Yellow Fish Road volunteers remind people to properly use and safely dispose of hazardous household chemicals.



By painting yellow fish symbols beside storm

HIEA's Green Hamilton Committee—Tree planting program

Over the past 10 years, HIEA has contributed more than \$120,000

to green belting initiatives across **Hamilton's northeast corridor.**



On Monday May 31, 2010 City of Hamilton forestry staff planted an additional 10 large caliper trees including Downey Serviceberry, Hackberry, Buckeye and Kentucky Coffee alongside the walking path north of the railroad tracks between Ottawa Street and McAnulty Blvd. As a result of this program over 40 additional large caliper trees have been added to the landscape in Ward 4 over the last 3 years with funds provided by HIEA.

Earth Day Hamilton—Burlington—EcoFestival



Earth Day Hamilton-Burlington provides the opportunity for approximately 3,000 local middle school students to attend this free event.

Offering various nature experiences and hands-on learning in an amazing setting, Eco-Festival is a multi-day event designed to educate and empower participants to make environmental change.

The workshops provide education, environmental awareness, tools for change, and inspiration which will translate into action and improve the local environment.

City of Hamilton—Children's Water Festival

The Children's Water Festival provides 30 hands-on educational activities to approximately 2,700 grade 4 students over the three days of the festival. The activities are designed to ensure that students learn to respect water and the environment while having fun. Focusing on water conservation, water science & technology, water awareness and water protection these activities support the Ontario Curriculum including the 2007 Ontario Science and Technology curriculum and will include: All the World is

Water from the Hamilton **Children's Museum, How Deep Can You See** from the Hamilton Harbour Remedial Action Plan; Trip of a Drip from the Hamilton Steam Museum, Only Rain Down the Drain from BARC.



Hamilton Wentworth District School Board—Outdoor Education Program

The Outdoor Education Program supports and provides outdoor education experiences linking



curriculum to classroom learning for primary students, (Kindergarten to Grade 3) from schools located in the lower core city. Through **HIEA's support HWDSB is able** to increase availability of authentic local outdoor education experiences and increase understanding of basic concepts of sustainability for a variety of multi-cultural students.

HIEA's Scholarship Programs

*Preparing today's
students for tomorrow's
world...*

In 2010 the Hamilton Industrial Environmental Association doubled its support by completing its commitment to create a second Bursary in conjunction with Mohawk College of Applied Arts and Technology and the OTSS (Ontario Trust for Student Support).

These two bursary funds provide financial support to students who are currently enrolled in the Engineering Technology/ Environmental Technician Co-op Internship Program at Mohawk College of Applied Arts and Sciences. Each year two students who meet the criteria will receive a bursary.



Sean Wilson,
the 2010
recipient of
the Hamilton
Industrial
Environmental
Association
Bursary.

For more information and/or to apply for this bursary please check the Mohawk College website:

www.mohawkcollege.ca

or contact the

Student Awards Office,
Room C068, 905-575-2066.

Plan to Attend **HIEA's** Annual Meeting

Thursday March 24, 2011
Waterfront Conference
Centre
555 Bay Street North

HIEA will host a reception with light refreshments followed by our annual meeting. We invite you to join us to hear Denis Corr present an update on the Neighbourhood Mobile Monitoring project. We will also announce our sponsorship program for 2011 and show how the environment and quality of life in Hamilton is improving through the partnerships we have developed.

Registration and reception
5:30 p.m. to 6:00 p.m.
followed by

Presentations and Displays
Please join us as we congratulate
our community partners.

Everyone is welcome. For more
information please contact us
at: info@hiea.org
or 905-561-HIEA (4432)

Community Advisory Panel (CAP)

CAP participants are local neighbourhood representatives and environmental advocates who are **dedicated to improving Hamilton's** environment through their volunteer efforts. Established in 1997, the Panel acts as a direct link between industry, neighbourhood groups and individuals, and local environmental community-based initiatives.

Regular meetings allow CAP participants and corporate representatives of the HIEA member companies to exchange information and discuss issues of greatest concern to the community. Through ongoing discussion, CAP helps to set the **directions and priorities for HIEA's**

activities and for individual member-companies' programs.

CAP MANDATE

To identify environmental concerns and provide support to the Hamilton Industrial Environmental Association in their pursuit of a cleaner and healthier environment for the residents of the City of Hamilton.

For more information about CAP please check our website at www.hiea.org. If you would like to become involved or attend a meeting please contact us at info@hiea.org or by calling HIEA at 905-561-4432.



Focus on our Members... ARCELORMITTAL DOFASCO

INVESTING FOR A BRIGHT FUTURE

Founding HIEA member ArcelorMittal Dofasco recently announced more than \$250 million in investments in its facilities, its people, and its future.

In late 2010, the company successfully completed a \$100 million investment in its primary steel manufacturing facilities. The Primary Optimization Project (POP) included process and product innovation upgrades and the refurbishment of the **company's #3 Blast Furnace**. The project enables significant energy efficiency gains and environmental performance improvements.

Completion of POP positions

ArcelorMittal Dofasco as one of the most productive and energy-efficient advanced steel manufacturing plants in the world. The extensive upgrades reduce the amount of electricity required to produce steel by approximately 20 megawatts, the equivalent of removing about 20,000 homes from the electrical grid. It also resulted in less coke being used per tonne of steel produced, while harnessing waste gases and converting them into usable energy.

The local community also benefits from the economic spinoff of the project. By investing in the future of the operations, the company created an additional 50 full-time skilled positions while sustaining the existing 5,000 jobs at the company.



With the completion of the Primary Optimization Project, ArcelorMittal Dofasco is now focusing on its Finishing Optimization Project, announced in January. The \$153 million project will allow ArcelorMittal Dofasco to maintain and enhance its current market position as the premier value-added steel supplier in North America.

The Finishing Optimization Project (FOP) will transform the **company's galvanizing operations.**

The project includes the upgrading and replacement of existing aged facilities with an advanced finishing centre in an innovative and safe workplace. It will increase the **company's product development** and productivity capabilities, open up new markets and improve its energy efficiency and emissions performance.

The new finishing facility will include state-of-the-art **equipment and "best practices"** in advanced manufacturing processes. The project, expected to be completed in 2013, will provide local construction and engineering trades with more than 600 full-time jobs over the two years of design and implementation.

ArcelorMittal Dofasco actively engages with

the local community about their investment plans, their environmental performance, or any other relevant topic. In addition to attending all the HIEA Community Advisory Panel (CAP) meetings, ArcelorMittal Dofasco also regularly **hold their own "Community Drop-in Meetings" to share information and** engage in dialogue about the company. Their next Drop-in meeting is Monday, May 30, 2011 **at the company's main office at** 1330 Burlington Street, from 6:30 to 8:00 p.m.

We are HIEA...

... a non-profit association of local industries. HIEA provides an open forum for community members and local associations to discuss their environmental concerns. HIEA has a strong history of connecting with local neighbourhood associations and working with the community to fulfill HIEA's mandate:

"to improve the local environment – air, land and water – through joint and individual activities, and by partnering with the community to enhance future understanding of environmental issues and help establish priorities for action."

Board of Directors

Chair

Frank Harrison
Division Manager—Environmental Affairs
U. S. Steel Canada

Vice Chair

Jim Stirling
General Manager - Environment
ArcelorMittal Dofasco

Technical Committee Chair

Darcy Balak

Communications Coordinator

Karen Logan

Treasurer

Roy Collins

Directors

Darcy Balak
Director of Operations - Hamilton
Sanimax

Jack Dugas
Operations Manager
Lafarge Canada Inc.

Robert Farr
Plant Manager
Bunge Canada

Gord Gilmet
Technical Manager
Ruetgers Canada Inc.

Michel Gingras
Regional Manager, Canadian Operations
Westway Terminals Canada Ltd.

Al Lindholm
Director of Operations
ArcelorMittal Hamilton East

Guy Belangér
Plant Manager
Bitumar (Hamilton) Inc.

Christine Pompeo
Manager
Air Liquide

Joe Caruso
President
Triple M Metal LP

Brian Young
General Manager
Columbian Chemicals Canada ULC

Member Companies

