



# ENVIRONMENTAL UPDATE

## Companies in the Industrial Core Band Together to

# IMPROVE ENVIRONMENT

## HIEA Launches Environmental Improvement

In response to broad public concern around air quality issues in Hamilton, the Hamilton Industrial Environmental Association is undertaking a project designed to further reduce air-borne particulate in Hamilton.

The initiative was developed by HIEA member companies based on input provided by the HIEA Community Advisory Panel (CAP). The community-based project will have a budget of \$50,000 to complete construction of berms and greenbelting in selected areas around Hamilton's industrial core.

The berms will be strategically located in areas where they will have the most benefit for the City of Hamilton. They will be completed in early 1999. HIEA invites the community to participate in the berming/greenbelting project by offering suggestions on locations that would be most effective for greening activities. HIEA also encourages the community to help support the "community berms" which will be publicized as locations where members of the community can plant seeds to help reduce air-borne particulate in Hamilton ☺

### Dear Hamilton Resident:

On behalf of the Board of Directors of the Hamilton Industrial Environmental Association, I am very pleased to introduce the first issue of a regular newsletter for the residents of Hamilton.

The Hamilton Industrial Environmental Association is made up of 12 private sector companies who share a commitment to improve community relations around environmental issues and to look for common priorities for improvement. Our Board of Directors, made up of the senior plant operating managers from each member company, is committed to meeting the demands of our mandate:

**"The Hamilton Industrial Environmental Association has been established 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."**

Our work to date has focused on organizing our association, developing a Community Advisory Panel, as well as some actions which will begin to meet the needs of our neighbours. This newsletter will keep you abreast of our activities and will provide information pertaining to the environmental performance of our member companies in Hamilton's industrial core.

We see ourselves as a vital part of Hamilton's community, providing jobs and a strong economic foundation. We also recognize that we contribute to environmental concerns in the community and we accept our responsibility for working with other members of the community, addressing our share of the concerns and helping others address theirs.

Our success as an association will largely be determined by how effective we are at enhancing communications and relationships among interested community members. This newsletter and the development of the Community Advisory Panel are only two of several ways we have planned to make better contact with our neighbours. Over time, we will also have a website and plant tours of companies.

We invite and encourage you to get involved in the process if you wish, through the Community Advisory Panel, or by providing direct feedback.

our mailing address - P.O. Box 35545  
Hamilton, Ontario L8H 7S6

our phone number - 561-HIEA (4432)

If you're interested in participating please let us know - we look forward to hearing from you and getting your views.

*Dave Borsellino*

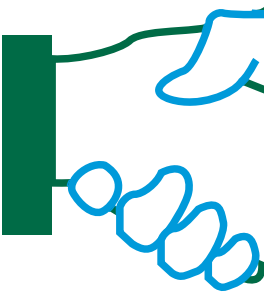
Chair,  
Hamilton Industrial Environmental Association  
Board of Directors



Dave Borsellino  
Dofasco Inc.



# Surrounding Community



*"I'm really glad to see industry getting together to work for the benefit of the community. Initiatives undertaken by HIEA to improve the environmental performance of industry will complement all of the good work already in progress and should further enhance both the City and the Region."*

## **Terry Cooke**

Regional Chair  
The Regional Municipality  
of Hamilton-Wentworth

*"The Hamilton Industrial Environmental Association is a very welcome development. Much effort has been put into controlling air pollution in Hamilton, but it mostly has been on a company-by-company basis.*

*The Hamilton Air Quality Initiative has shown that everyone needs to work together to make the next big improvements in air quality.*

*Coordination of our efforts will now be that much easier, as the industrial section exchanges ideas through the Association and speaks with a common voice to the community at large."*

## **Denis J. Corr**

Supervisor,  
Air and Terrestrial Efforts  
Ministry of the Environment

*"I would like to commend the efforts of Columbian Chemicals, Dofasco and Stelco for initiating the formation of the Hamilton Industrial Environmental Association. I would like to say that I think it is a positive step in the right direction for strengthening community and neighbourhood relations. Involving as many industries as you can will foster a better understanding of community issues. Hopefully, that force will promote positive changes that will enhance the quality of life for all those living around and in the industrial core."*

## **Burke Austin**

Community Action Parkdale East

*"As an active member of the Hamilton Air Quality Stakeholder Committee and a long time resident of the northeast end of Hamilton, I commend the efforts of those involved in forming HIEA.*

*HIEA has been given a unique opportunity of delivering more than simple lip service by taking a leadership role in bringing positive changes to our environment.*

*The old adage comes to mind, 'The proof in the pudding, is in the eating.' People will only become convinced when they begin to see*

*actual changes resulting in a cleaner, healthier environment."*

## **Pat Thiessen**

Homeside Environmental Committee

*"Air quality in the City of Hamilton as measured by the Ontario Ministry of Environment has shown continuous improvement trends since measurements first began in the 1970's. Large improvements were experienced into the 1980's. Recently, however, air quality improvement has bottomed out or in some cases actually gotten worse. Along with the data based assessment, is the public*

## Dustfall Still Well Above Standards

### ***In spite of a 26% improvement since 1986***

Dustfall is the material that settles out of the atmosphere due to gravity. You might notice it on windshields or patio furniture.

The Ontario Ministry of Environment data shows that Hamilton dustfall rates remain well above objectives in the industrial core and some residential parts of the city. Complaints about black fallout are continuing. In response to this a video camera aimed at the industrial zone has been installed by the Ministry to determine which specific industries are responsible for fallout incidents and to view ongoing emissions. In addition, a state-of-the-art LIDAR system using laser technology is being investigated to identify and measure emissions from industries.

Improvements thus far can be attributed to the following actions:

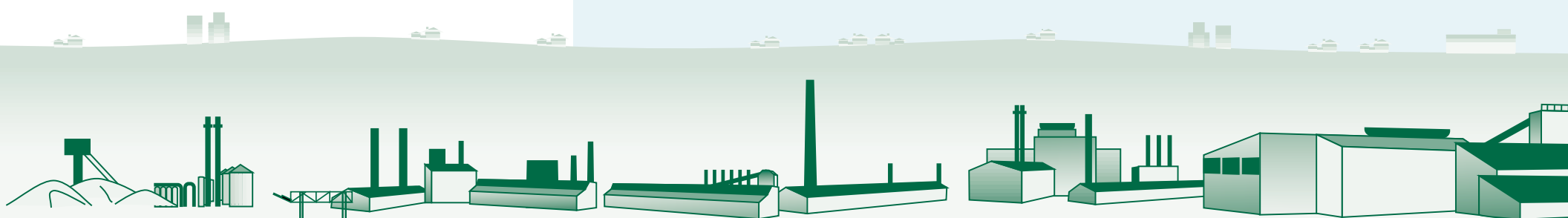
- City staff modifications of road cleaning practices
- Industry control of fugitive

dust emissions by the use of sealants, road washing, landscaping, new paving, etc.

- Improvement in control of industrial point sources
- Banning of apartment incinerators in 1989.

Of course, all the above control efforts must be maintained and expanded to achieve further improvements. These may include measures to reduce dirt tracked out onto the streets and increased planting of vegetation. Ground cover vegetation reduces blow off dust while trees reduce ground level wind speed and filter dust from the air.

Continued efforts by both industry and the municipality will be necessary if objectives are to be attained in the lower city. The Hamilton Industrial Environmental Association will be studying this problem to determine how member companies can contribute to further reducing dustfall 🌍





# SUPPORT HIGH

perception that Hamilton air quality is unhealthy and causes nuisance impacts such as soiling and objectionable odour. The data would tend to support that perception.

Linked to the air quality public perception is the view that industry in general does not care about the impacts that the local operations have on the local community. Some go as far as to say that industry has a normal mode of operation to purposely pollute at night or on the weekends when public authorities are not around.

The public concern peaked in late 1994 and led to the formation of the City

of Hamilton Air Quality Stakeholder Committee. This committee created open dialogue among various stakeholders to achieve the objective

...everybody needs to work together to make the next big improvements...

of long term sustainable air quality improvement in the City of Hamilton. I believe that the formation of the Hamilton Industrial Environmental Association is a direct outcome

of the work of the Committee.

The Hamilton Industrial Environmental Association has a tremendous opportunity in front of it. The opportunity is not only to work toward long term sustainable air quality improvement in the City of Hamilton but to demonstrate to the public by clear, decisive, measurable action that local industry does care about the impacts that they have on the local community. I believe that it can be done. Time will tell."

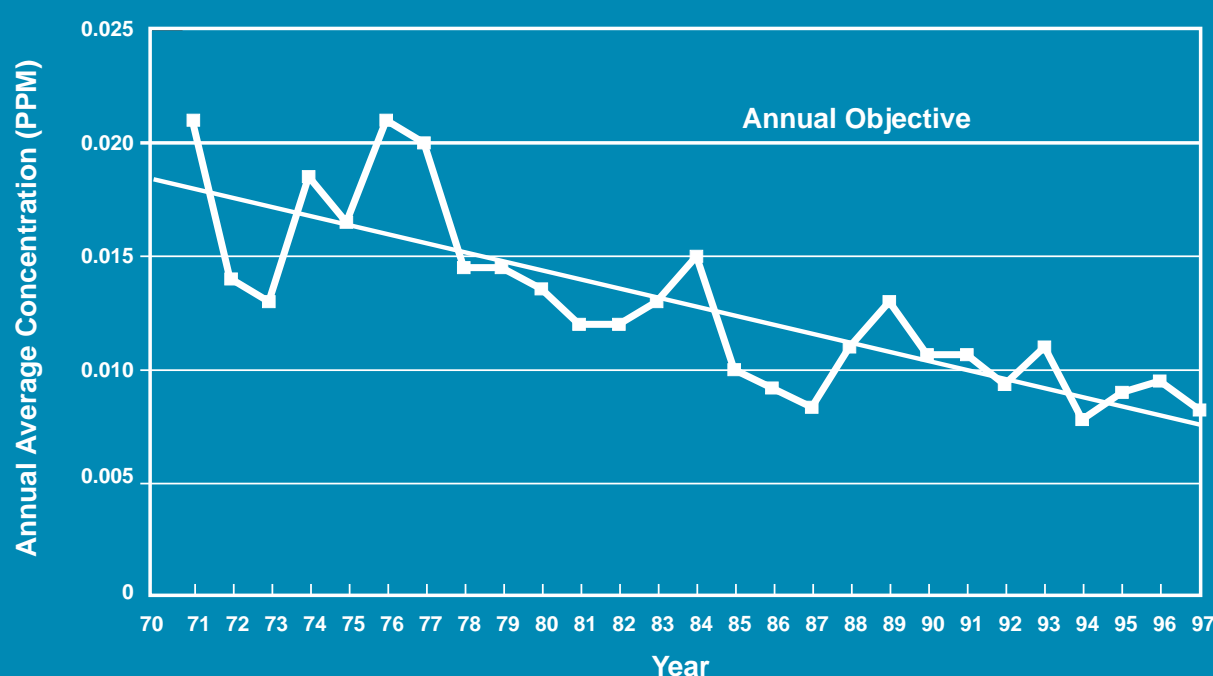
**Carl Slater**

Ministry of the Environment & Energy  
Hamilton District Office

## Did You Know?

- ▶ Major improvements in Hamilton's air quality have been achieved since the mid 1970's although the pace of improvements has leveled off since the mid 1980's.
- ▶ Sulphur Dioxide (SO<sub>2</sub>) concentration is measured on an hourly and daily basis at monitoring stations in the following locations:
  - Elgin & Kelly (near Wilson & Mary)
  - Barton & Sanford
  - Beach Blvd.
  - Vickers & E18th
  - Main West
- ▶ Most SO<sub>2</sub> emissions in Hamilton stem from industrial sources. A smaller portion is a result of fuel burning for residential heating.
- ▶ In the Hamilton core, levels of SO<sub>2</sub> generally decrease according to the distance from the industrial zone with the highest average measured at the Beach Blvd. site, while the lowest levels were recorded at the east and west ends.
- ▶ Data from the two oldest stations is illustrated in the graph and indicates that the SO<sub>2</sub> levels have been stable in recent years. Levels are well below the annual objective and hourly readings normally fall in the "very good" range of the Air Quality Index. Nevertheless, the Hamilton Air Quality Initiative and Federal Government studies indicate that current ambient SO<sub>2</sub> levels may still be a concern.

### Hamilton Sulphur Dioxide



Source: Ministry of Environment data.



# The H I E A is...

## Community Advisory Panel

Members of the Community Advisory Panel (CAP) represent community-based organizations dedicated to improving environmental matters in Hamilton. CAP members have helped develop HIEA by sharing opinions on what the community expects from a local industrial environmental association. HIEA's first environmental improvement initiative, berming/greenbelting, was chosen by the CAP to further reduce air-borne particulate in Hamilton. CAP members meet every other month. They are:

Burke Austin	Community Action Parkdale East	Pat Jaggard	Hamilton Beach	Wey Robinson	Central and North-end West
Joe Camarro	Hamilton Beach	Louise Knox	Harbour RAP	Frank Ryan	Hamilton Beach
Kristine Heaton	Hamilton	Linda Lukasic	Bay Area Restoration Committee (BARC)	Gord Taylor	Hamilton Beach
James Hill	Community Action North End	Don McLean	Bay Area Implementation Team (BAIT)	Pat Thiessen	Homeside Environmental Committee

## HIEA Board of Directors

## Committee Chairs



Bill Carroll  
Operations Manager  
Stelco Inc., Hilton Works



Eduardo Cordova  
VP - General Manager  
Slater Steel Industries, Ltd.



Dave Horvat  
Manager -  
Hamilton Slag  
Lafarge Slag Ltd.



John Lang  
Manufacturing Manager -  
PGMD-Hamilton Plant  
Siemens Westinghouse Inc.



Heng Lim  
VP  
Hotz Environmental  
Services Inc.



Ed Cocchiarella  
HIEA  
Technical Committee  
Chair



Bruce Rintoul  
Senior VP - Operations  
Philip Services Inc.



Mark Roe  
Manager - Eastern  
Oilseeds Operations  
CanAmera Foods



Bill Stafford  
General Manager  
Columbian Chemicals  
Canada Ltd.



Mike Sutton  
VP - Operations  
VFT Inc.



Harry Van Boxmeer  
Terminal Manager  
Montank Inc.



Bill Gair  
HIEA Communications  
Committee Chair

## HIEA Corporate Profiles



With approximately 825 employees, 93 working at its Hamilton facility, CanAmera Foods is the largest processor of oilseeds in Canada.

Its Hamilton plant processes approximately 1,000,000 tons of soybeans and canola seed per year making it CanAmera's largest crushing plant.

515 Victoria Avenue North



Columbian employs more than 1,300 people at facilities located in North America, Europe and Asia.

Its Hamilton plant employs approximately 100 people producing carbon black for a variety of industrial uses such as reinforcement agents for tires and printing inks.

755 Parkdale Avenue North



Dofasco's Hamilton operation has approximately 7,200 employees manufacturing a full range of flat rolled steels and producing approximately 4 million tons per year.

1300 Burlington St. East



Heckett MultiServ's approximately 6,400 North American employees provide steel industry services.

P.O. Box 3034, Station C, Hamilton, Ontario



Hotz Environmental employs approximately 60 people providing a comprehensive range of environmental services in hazardous waste management and paint recycling.

239 Lottridge Street



Lafarge's approximately 40 employees process blast furnace slag.

139 Windermere Road



MONTANK INC.

Montank's 15 full time employees handle and store bulk liquid commodities for third party petroleum, chemical and food producers or distributors.

655 Victoria Avenue North



Phillip Services employs 860 in integrated industrial services and metals services.

100 King Street West



Siemens Westinghouse Inc. employs approximately 850 in heavy industrial gas and steam turbine manufacturing at its Hamilton Plant.

30 Milton Avenue



SLATER STEELS

Slater Steels employs 1766 people, 517 working at the Hamilton Specialty Bar Division producing hot-rolled rounds and flats for automotive, mining and construction industries.

319 Sherman Avenue North



stelco  
Hilton Works

Approximately 6,800 employees work at this integrated steelmaking and processing complex.

Wilcox Street



VFT

VFT employs 75 people involved in the distillation of coal tar.

725 Strathearne Avenue North



HAMILTON  
INDUSTRIAL  
ENVIRONMENTAL  
ASSOCIATION  
P.O. Box 35545, Hamilton, Ontario L8H 7S6  
Telephone: 905-561-HIEA (4432)