

**For more information,
please contact:**

Fred Granek,

Vice President Sustainability, OCETA

905-822-4133, ext. 224

fgranek@oceta.on.ca

Meena Hassanali

Sustainability Programs Manager, OCETA

905-822-4133, ext. 233

mhasanali@oceta.on.ca

“Parker Pad has always been conscious of environmental and health & safety issues. Our recent move into our new custom designed facility allowed us to take full advantage of the OCETA program and incorporate pollution prevention in the planning stage. Working with the technical and regulatory expert, John Piggott of EcoSafe, we have eliminated our hazardous discharges, reduced our waste and saved some money. Knowing that we have a support system to ensure we meet or exceed all levels of government regulations offers peace of mind, and that is priceless.”

Janis Parker, Parker Pad & Printing

Sponsored by:



Program partner:



Delivered by:



**Ontario Centre for Environmental
Technology Advancement (OCETA)**

2070 Hawden Road, Unit 201A

Mississauga, Ontario L5K 2C9

Telephone 905-822-4133 Fax 905-822-3558

www.oceta.on.ca/TORSUS

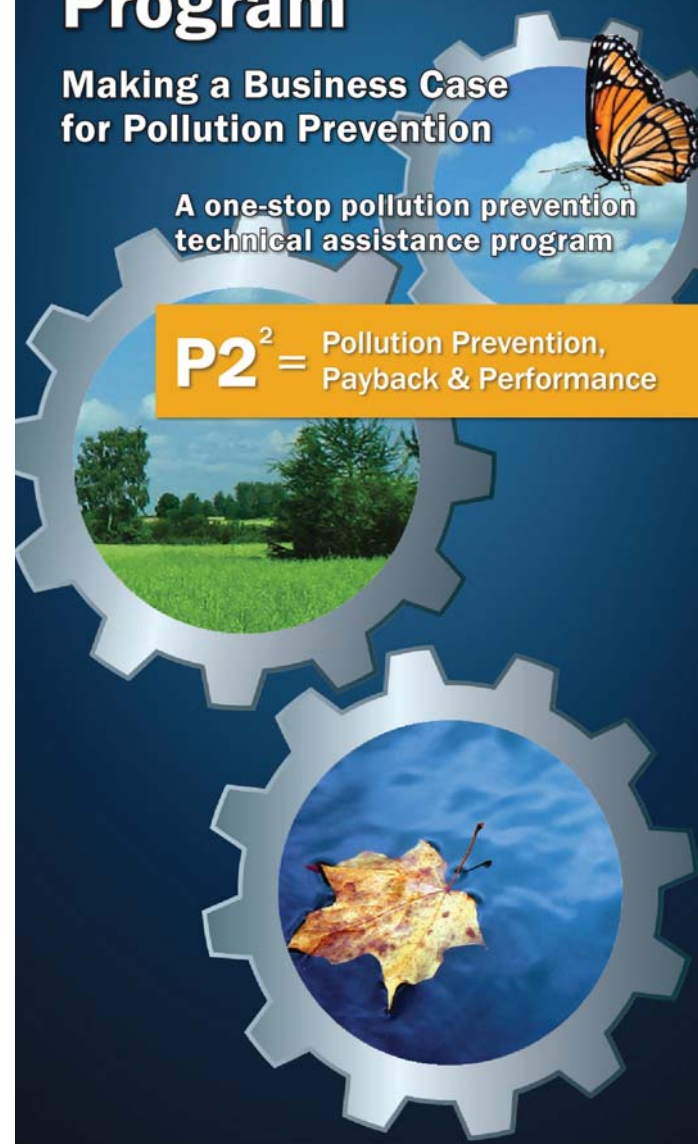


Markham Manufacturers Sustainability Program

**Making a Business Case
for Pollution Prevention**

**A one-stop pollution prevention
technical assistance program**

**P2² = Pollution Prevention,
Payback & Performance**



**For small to medium-sized
manufacturers in the
Town of Markham**



About the Program

The Markham Manufacturers Sustainability Program gives small to medium-sized manufacturers located in Markham the opportunity to conduct a pollution prevention assessment. This assessment can identify opportunities for you to reduce source pollutants/waste streams, overall costs and your regulatory exposure. The result is a pollution prevention action plan for your organization to address key environmental issues (i.e. toxics, sewer discharges, smog precursors, green house gases, and hazardous wastes) targeted by all levels of government—Environment Canada, the Ontario Ministry of the Environment, the Regional Municipality of York and the Town of Markham.

The Markham Manufacturers Sustainability Program is part of the GTA-wide Toronto Region Sustainability Program. The program is delivered by the Ontario Centre for Environmental Technology Advancement (OCETA), which is a private, not-for-profit organization. Funding partners include the Ontario Ministry of the Environment and the Town of Markham.

Technical assistance and funding incentive

- Manufacturers with fewer than 500 employees at any one facility are eligible to have a multi-media pollution prevention (P2) assessment undertaken by a pre-qualified pollution prevention consultant from OCETA's roster. The consultant will identify the root causes of priority pollutants and wastes, and recommend solutions to optimize your processes, including innovations in technology, input materials, and operating practices, while reducing energy and water consumption.
- Participants receive a funding incentive of up to 50 per cent (maximum \$5000) to help offset the costs of the pollution prevention assessment facilitated by OCETA.

Reduce Your Costs, Reduce Your Waste & Reduce Your Regulatory Exposure

A pollution prevention assessment and action plan will lead to **improved environmental and financial performance** in the form of **cost savings, reduced liability**, and better marketing opportunities.

An **average payback of less than one year** has been realized by implementing pollution prevention through the program.

By participating in the program, you can:

- Save money and reduce costs
- Reduce business risks and preserve capital asset value
- Reduce or eliminate toxics, sewer discharges, smog precursors, greenhouse gas emissions, and hazardous wastes at the source
- Reduce or eliminate the need for regulatory reporting requirements for all levels of government
- Meet or exceed the regulatory requirements of the Regional & Municipal Sewer Use By-law and the Canadian Environmental Protection Act (CEPA)
- Enhance your corporate image



Pollution prevention makes good business sense

How Can You Participate?

- You must be a small to medium-sized manufacturer, located in the Town of Markham, with fewer than 500 employees at any one facility.
- Contact OCETA staff for a detailed overview of the program.
- OCETA will then arrange a meeting between you and a pre-qualified technical consultant with expertise in your industry sector to conduct a P2 assessment and provide recommendations specific to your facility.

Program Results

As of February 2009, 67 small to medium-sized enterprise manufacturing facilities from a variety of sectors including, but not limited to: auto parts, chemical, circuit board, electronic manufacturing, food processing, hospitals, metal finishing, packaging, paint manufacturing, printing, and tanker cleaning, have benefited from undertaking a P2 Assessment through the Toronto Region Sustainability Program.

Table 1: Toronto Region Sustainability Program results based on 58 completed P2 Assessments and 323 projects implemented

P2 reductions (annual)

Volatile organic compounds (VOCs)	737 tonnes
Particulate (PM <10 _u)	15.5 tonnes
Metals	2.3 tonnes
Toxics	95.4 tonnes
Hazardous wastes	1,228 tonnes
Process wastes	2,193 tonnes
Water	567,611 tonnes
Greenhouse gases	3,539 tonnes
Ozone depleting substances	45 kilograms

Ancillary benefits expected (annual) – Emission & waste reduction

Greenhouse gases	1,043 tonnes
Generic wastes	51,358 tonnes
Hazardous wastes	187 tonnes
Mercury	5,057 grams
PCBs	90 grams

Annualized totals

Savings (annualized)	\$4.8 million
Capital investment	\$4.3 million
Payback	11 months

Overall implementation rate

>90%

Ninety per cent of program clients are implementing *all or most* of the P2 projects recommended in the assessment reports.

PARTICIPATION IN THE PROGRAM IS STRICTLY CONFIDENTIAL