P2'S ARE **GOOD FOR BUSINESS**

Prokleen Case Study

- Prokleen cleans tanks of transport trucks that carry food products and chemicals
- Concord plant discharge exceeded bylaw surchargeable limits, resulting in a potential surcharge estimated at $18,000 per month on average
- Underwent a pollution prevention assessment and developed and implemented new procedures, including:
  - Food waste diversion system that allows Prokleen to store sugar, oil and flour in containers to be sold for reuse
  - Water reuse system
  - Solvent reuse system
- Concord's food waste diversion system resulted to an **annual savings of $69,000** over wastewater treatment costs
- The combined savings of the P2 and energy efficiency measures is an estimated **$348,000 per year**

"The help is out there.
You've just got to ask for it."

-- Prokleen General Manager John Corrigan

PARTNERING WITH **BUSINESSES**

Key Message

The purpose of York Region's Sewer Use bylaw (SUB) is to protect the public, staff, infrastructure and the environment. This is achieved through regulation and monitoring of industrial discharges to the sanitary and storm water collection systems.

Bylaw Basics

- Certain discharge parameters must not be exceeded (e.g. mercury)
- Other (surchargeable) parameters can be treated at wastewater treatment plants but higher concentrations result in higher costs
- Discharging at concentrations higher than surchargeable parameters results in a special discharge levy

Compliance Program

If your sewer discharge exceeds the parameters of the Sewer Use bylaw, a compliance program may be required to bring discharge within regulation.

Pollution Prevention Plan (P2 Plans)

A **P2 Plan** identifies specific pollution prevention methods to be implemented within a specific period of time.

What are the benefits of Pollution Prevention?

- Accelerates reduction and/or elimination of pollutants
- Minimizes health risks
- Promotes development of source reduction technologies
- Efficient use of energy, materials and resources
- Limits future liability with greater certainty
- Avoids costly cleanup in future
- Promotes more competitive economy

EXAMPLES OF **RESOURCES**

Impacts on Health & Safety

Organizations who can assist you in developing a pollution prevention program include:

- **BLOOM** (formerly OCETA) is a private corporation, operating as a not-for-profit that uses practical, results-driven approach to advance the market adoption of clean technology and sustainable solutions
- **Environment Canada** provides resources and information to businesses regarding P2 planning
- **Consulting Engineers of Ontario (CEO)** - businesses are able to request a referral through CEO to connect with qualified experts that are able to assist in developing P2 Plans and improve operations
- **The Ontario Pollution Control Equipment Association** is comprised of more than 175 firms engaged in the manufacture and/or distribution of environmental and related equipment in Ontario
- **Canadian Centre for Pollution Prevention** is a leading Canadian environmental non-profit organization pioneering innovative approaches in the environmental field

INDUSTRIAL & COMMERCIAL BUSINESSES
- Business in York Region submit a Waste Survey Report

PROFILING & EVALUATION
- York Region staff evaluate the discharge of the business and the potential impact, develop a profile and determine an appropriate response

MONITORING & INSPECTION
- Monitor and inspect business and the sewer systems to ensure compliance
- Investigate where necessary

OUTCOMES
- Health, safety and environment are preserved
- Develop surcharge agreement and compliance plan
- Illegal discharges may result in a ticket or legal proceedings

SEWER USE BYLAW
PROPOSED DRAFT AMENDMENTS

www.york.ca/seweruse

York Region