



# Newsletter

Volume 1 - Issue 4 - 1999

## What We've been Up To....



### Cleanit Greenit Compost Systems

KC Environmental Group Ltd's Cleanit Greenit Composting Systems is an industrial composting system that accepts non-hazardous industrial waste material. As the first industrial composter in Edmonton, Cleanit Greenit Systems have transformed hydrocarbon-contaminated soils, mixed municipal wastes and industrial sludge into high-grade compost.

The Town of Devon is among KC Environmental's first clients to take advantage of the alternative waste disposal method that has the added benefit of simultaneously manufacturing a high-quality organic fertilizer. Other clients include Amoco Petroleum, Dow Chemical Canada, Labatts Breweries, Millar Western, and Whitecourt Power (Limited) Partnership.

Located in west Edmonton, the facility has easy access to several of Edmonton's major roadways. It provides an economical and environmentally preferable alternative for industrial waste reduction.

A Technology Demonstration was held in March 1999 to familiarize potential clients with our process and product. If you are looking for that environmentally responsible alternative that is also business friendly – give us a call and send us your organics! Our process can incorporate industrial sludges, drilling mud, hydrocarbon-contaminated soils, food processing residuals and more!!



Cleanit Greenit Composting Systems  
Technology Demonstration

### Cleanit Greenit Compost Laboratory

Our cutting edge compostability lab is able to perform quality control tests for Cleanit Greenit Systems and can be hired out as a valuable tool for research projects. The lab has been useful in designing cost-effective material handling programs for hydrocarbon-contaminated materials or hazardous materials.

### Eco-Certification

Congratulations to those companies who are now proudly EcoLogo certified through the National Environmental Choice Program: Enmax Green Power, Visionquest, Weismann Furnaces and Petro Canada Carwashes. EcoLogo is Canada's symbol of environmental responsibility and is the recognized seal of approval of the Environmental Choice Program (ECP). KC Environmental Group is ECP's Western Canadian Representative and can provide the services required for your company to become EcoLogo certified.

KC Environmental is also proud to be involved in the **Environmental Technology Verification (ETV) Program**, **GreenLinks (Golf)** and **Greenleaf (Hotel) Eco-certification Programs**. Call us for more info!

### Integrated Waste Management

Many communities are choosing to review their integrated waste management systems before signing a new collection and disposal contract. This allows them to consult with their residents and define those ideas they would like to incorporate as a means to further improve integrated waste services.

### IWM and Year 2000!

The Year 2000 brings with it much excitement and much promise. The Canadian Council of Ministers of the Environment (CCME) set a target of 50% waste reduction by the Year 2000. KC is helping several municipalities to meet this goal – in Edmonton we have provided composting expertise on Trans Alta's co-composter project - in Leduc we've conducted an Integrated Waste Management review –

### A Note from the Principal

I think you'll find the areas highlighted in this newsletter both exciting and thought-provoking. These initiatives have been taken after consultation with you, our clients, who have helped us to identify those steps required to help you succeed. I'd like to thank the KC team for its continued dedication to achieving both product and customer service excellence. A heartfelt thank you goes out to our clients for their initiative in improving both business and the environment.

Kirstin Castro-Wunsch, P.Eng.

### A Little Bit About Us

We are an Alberta based consulting firm that provides the following environmental and engineering services:

- ❑ Environmental Site Assessments
- ❑ Environmental Management Systems
- ❑ Compost Consulting
- ❑ Eco-certification
- ❑ Integrated Waste Management
- ❑ Cleanit Greenit Composting Systems

### KC Environmental Group Ltd. is committed to:

- ❑ Developing successful and sustainable solutions for business and environment
- ❑ Providing service excellence
- ❑ Maintaining business and personal integrity

in Spruce Grove we have conducted a broad public consultation process to guide the selection of a new waste management contractor, and KC Environmental was awarded the contract to conduct an Integrated Waste Management Review for Strathcona County.

### Environmental Assessment

KC continues to be busy with Phase I's. Phase II's are also going strong and we've been in communities all over Alberta including Red Earth, Grande Prairie, Entwistle, Morrin, Innisfail and Jasper.

## What We've been Up To...



### EMS/Environmental Audits

This is a real growth area for KC with many municipalities and companies now recognizing the need to define their environmental liabilities and implement systems to control their environmental impacts.

KC Environmental Group Ltd. was awarded the contract to work with Cutler Hammer Canada, Airdrie to build their EMS and to achieve ISO 14001 registration. Cutler Hammer Airdrie is an ISO 9002 certified manufacturer of electrical control panels. KC Environmental is pleased to once again work with Irena Wosk of CDC Engineering Consultants Ltd. on this project.

In addition to industrial clients, many municipalities are becoming interested in "taking stock" of their potential environmental liabilities. Last year KC Environmental and Western Environmental Perspectives conducted a comprehensive environmental audit of all municipal departments for Strathcona County. The results of this audit form a solid basis from which to build an environmental management system.

### Compost Consultancy

The Whitecourt Co-composting Project is an IRAP supported research and development project with four industry partners. The final objective is to develop a full-scale compost facility that meets each of the partners' needs. The project began in January of 1998. If you would like information on the project please call us.

### GERT

Climate change is one of the most challenging environmental, economic and social issues facing the world today and one that KC Environmental is determined to address. KC is beginning the process of participating in the Greenhouse Emissions Reductions Trading Pilot or GERT through KC's work to divert waste from landfills to its compost facility.

### Associations, Presentations and More!

Sandra Nydokus is on the Nominations and Selections Committee for the Alberta Emerald Awards, the award program that recognizes Albertans and Alberta Business

- for excellence in preserving, protecting and enhancing the environment. Sandra is also on the Board of Directors of the Recycling Council of Alberta. As one initiative, the RCA is developing a travelling tradeshow display to feature Alberta's recycled products.

- Kirstin Castro-Wunsch and Stacey Schaub-Szabo gave a presentation at the Olds Compost Conference and to the Composting Council of Canada in Ottawa regarding opportunities for composting pulp sludge.

- KC Environmental Group also gave a presentation for the Annual Seminar of the Alberta Water & Wastewater Operators Association. A special thanks to NAIT's Waste Water Treatment class for allowing us to hone our presentation skills.

- Kurtis Averill was interviewed by ACCESS L & J News, which was interested in covering innovative job opportunities for Bachelor of Environmental Science Graduates. Kurtis described his role with the Cleanit Greenit site.

### Education Initiatives

- We've continued our commitment to continual learning and to maintaining our cutting edge expertise. Congratulations to our staff and their expanding knowledge base.

### Courses Taken:

- Sandra Nydokus - ISO 14001 Environmental Lead Auditor Course
- Moremi Omotoso and Kirstin Castro-Wunsch - Certified Landfill Operators
- Dawn Taylor and Kirstin Castro-Wunsch - Certified Storage Tank Remover
- Dawn Taylor - Environmental Site Assessment Methods & Applied Soil Contaminant Interaction with the Environmental Certification Program

### Instruction Provided:

- Kirstin Castro-Wunsch continues to teach environmental audit courses at the University of Alberta.
- Sandra Nydokus co-presented an ISO 14000 workshop along with Irena Wosk of CDC Engineering Consultants Inc. in Madras, India to a group of local industrial representatives.
- Stacey Aidun continues to be a popular instructor of Environmental Communications at Lakeland College.
- Sandra Nydokus and Kirstin Castro-Wunsch wrote a chapter in *A Guide to Environmental Compliance in Alberta* for Hatscan (Hazard Alert and Training Supplies of Canada).

### More Fun Stuff

- Congratulations to all the winners at KC Environmental Group's first golf tournament. We all enjoyed, for the 4<sup>th</sup> year, Alberta Environmental Protection's bowling tournament - a great hit especially since we all won prizes.

### Welcome to our New Staff

- Donna Nelson (Office Manager)
- Dawn Taylor (Phase I,II ESA Specialist)
- Marnie Jamieson, P. Eng. (Environmental Engineer)
- Domenic Tassone (Sales & Marketing)
- Angela Vertzaya, P. Eng. (Integrated Waste Management)

### ► From All of Us at KC!

We wish you a successful year in business and at home, and we hope to see you in our office soon.

For innovative environmental solutions, qualified staff and for work completed on time / on budget, call us at (780) 488-7926.



**SOLUTIONS FOR  
ENVIRONMENT AND BUSINESS**