



Cree Nation of Wemindji
Wemindji, Quebec, Canada

the challenge

Like most communities in Northern Canada, the Cree Nation of Wemindji had to balance the need to protect the environment and the need to manage their community's waste.



The Cree Nation of Wemindji (James Bay Region of Quebec) is a thriving community of 1200. Despite its remote location, it boasts shopping, restaurants, entertainment, eco-tourism and sports. Wemindji is a modern community with a high standard of living. The existing landfill site was over-capacity and required periodic open-burning to contain the waste. An extensive search for a new landfill site had determined that very little land in the area was suitable for landfilling. Studies concluded that once a new landfill site was at capacity the next site location would require waste to be trucked over 50 km outside of the community. □

our solution

Extensive research determined that the Eco Waste Solutions technology was the best choice to deal with Wemindji's waste.



To eliminate environmental impacts from long distance hauling and threats to water and air from leaching garbage and open burning, an alternative was needed. Wemindji commissioned the help of an engineering consultant who gathered expert opinions on environmentally safe incineration. Through their research, the **Eco Waste Oxidizer (ECO Model)** was deemed to be the technology of choice. Technical capabilities of the equipment, customer references and air emissions data were all key decision criteria. □



the results

Total Waste Management Solution

The Eco Waste Oxidizer system processes all of the solid non-hazardous waste generated by the community. □

Environmental Protection

Remaining ash is safe for in-trench land disposal. Opening numerous landfills at a distance, producing potentially toxic leachate and the need to open burn has been eliminated. Local air quality has been visibly improved. □

project information

- Location:** Wemindji, Quebec Canada
- Model:** ECO 3T
- Capacity:** 3 tonnes per day
- Waste Type:** Community Waste
- Installation:** 2003