



ECO WASTE SOLUTIONS



Military Camp Waste Solution



Canadian Department of Defence CFS Eureka

the challenge

The Canadian Department of National Defence (DND) operates Canadian Forces Station (CFS) Eureka on a seasonal basis.



CFS Eureka is DND's second most northerly base (500 km South of CFS Alert) on Ellesmere Island, Nunavut. When active, the camp ("Operation Hurricane") is home for 30 to 100 personnel. Eureka has a milder climate than many other areas in the arctic and supports a wide variety of vegetation. This unique ecosystem provided more of an incentive to ensure that the camp's waste management practices do not impact the natural environment. □

our solution

Based on the success of working with Eco Waste Solutions at CFS Alert and the proven track-record of the technology, DND selected the CA-50 as their environmentally responsible waste solution.



The remote camp found that incineration was the most practical and environmentally responsible solution to address their waste management needs. Eureka is a smaller camp than Alert and operates seasonally. Accordingly, DND determined that the best option for the camp would be a compact version of the Eco Waste Oxidizer – the **CA Model (CA-50)**. To reduce costs, the unit was configured to fit into a modified shipping container, eliminating the need for a building or enclosure for the unit. □



the results

Environmental Protection

All of the food waste and packaging produced by the camp is treated in the CA-50. Resulting ash is safe for landfill and does not attract wildlife. □

Operational Simplicity

The container provides simple storage for the unit in the off-season. When the camp starts up annually, the machine can be set up and operational within hours. □

project information

Location:	CFS Eureka, Nunavut, Canada
Model:	CA-50
Capacity:	200 lbs per batch
Waste Type:	Camp Waste
Installation:	2001

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