



De Beers Canada  
**Snap Lake Diamond Mine**

**the challenge**

**Given De Beers' commitment to environmental management of the Snap Lake diamond mine, the selection of an on-site waste processing technology was critical.**



All camp facilities were built during the construction phase of De Beers Canada Inc.'s Snap Lake Mine. During this phase, the camp employed and housed approximately 400 people. All food waste generated on-site was required to be disposed of properly to avoid the attraction of wildlife to the camp area. □

**our solution**

**After careful review and consideration, De Beers selected the CA Model to be deployed to the Snap Lake Mine to process the camp's food and kitchen-related waste.**



The **CA Model (CA-600)** was designed with the strictest operational controls and features currently available for camp incineration. The system and its building were factory assembled and knocked down for easy transport on winter roads. This also provided for straight-forward assembly using on-site personnel. □



**the results**

**Sustainable Waste Management**

The system prevents animals from being attracted to the site while producing minimal air emissions. □

**Practical Waste Solution**

The unit is fully automated so that extra staff are not required to oversee operations. The machine is only required to be loaded, activated and cleaned out periodically. □

**project information**

- Location:** Snap Lake Diamond Mine, NWT, Canada
- Model:** CA-600
- Capacity:** 880 kg per day
- Waste Type:** Camp Waste
- Installation:** 2005