

Hacket River Waste Management Plan

4.1 Incinerator

The incinerator system at Hackett River camp is an Eco-waste Oxidizer model CA 50 installed in 2008. It is a diesel-fired, two stage, dual chambered controlled air batch incinerator contained within its own building on site. It can accommodate the current camp size of up to 90 people. The capacity of the incinerator, based on typical mixed camp waste, is about 200 lbs per burn; 2 to 4 cycles can be processed on a daily basis to incinerate the camp waste.

Only trained personnel participate in incineration. Incineration guidelines implemented at Hackett River include:

- ☐ Wear appropriate Personal Protective Equipment (PPE) including gloves, goggles, dust mask and face shield while handling waste or incinerator ash.
- ☐ Ensure waste has been appropriately segregated (combustible vs. non-combustible, hazardous, vs. non-hazardous).
- ☐ Burn food and Pacto wastes daily to avoid accumulation of garbage (minimizes wildlife attractant).
- ☐ Record incinerator operation on a daily basis.
- ☐ Record type of waste and weight in each batch incinerated. Note that Pacto toilet waste should make up no more than 1/5 (20%) of each batch.
- ☐ When the incinerator is charged with the appropriate mix and quantity of waste, close and lock the door, and ensure the burn cycle has started.
- ☐ Do not add waste to the burn cycle once started.
- ☐ Do not use waste oil or any hydrocarbon as an accelerant.
- ☐ Personnel can leave the incinerator area during the burn cycle only once satisfied that the burn is proceeding in a controlled manner.
- ☐ Let the incinerator cool prior to opening and removing ash.
- ☐ Place ash in an empty drum, which will be sealed, labeled and properly stored for backhaul and disposal in approved landfill. Record the weight of ash for backhaul.
- ☐ Remove ash prior to recharging for the next burn cycle.
- ☐ Keep the area around the incinerator tidy.