

***Southampton Island Caribou Harvest  
Caribou Harvest Camp  
Project Summary***

Nunavut Water  
Board

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Public Registry

The community of Coral Harbour has completed the caribou harvest on Southampton Island since 1995. The harvest employs approximately 60 people from the community of Coral Harbour and operates from February 1 till the end of March. The caribou herd is closely monitored by the Government of Nunavut and this year the allowable harvest has been set at 4,000 caribou.

The caribou harvest will be organized out of a temporary camp located approximately 30 km north of the community of Coral Harbour at 64° 16' longitude and 83° 26' latitude. The camp will be equipped with a kitchen facility, bathrooms, 8 cabins for personal accommodations, one harvesting tent, two generator shacks, a fuel storage area and one fuel transfer area.

The temporary camp will be constructed in early February with all supplies being hauled in from the community of Coral Harbour. The camp is expected to be fully functional by mid February with the harvest set to begin on February 15<sup>th</sup> 2006. The camp will be supported via snow machines and bombardiers with qamutiks for freighting purposes. The camp is expected to operate for approximately 6 weeks. Once the allowable caribou quota has been filled and processed the camp will be completely dismantled and backhauled to the community of Coral Harbour for storage.

Camp buildings will be set up on lake ice for sanitary purposes. Sleeping cabins, generator shacks, outhouses etc. will be wood framed buildings (on runners) placed directly on the snow. The harvesting tent is a metal framed, polyethylene covered tent with no floor. The metal tent frame will be securely embedded into the ice for stability and ease of cleaning. Each day the snow covered floor within the harvesting tent will be manually shoveled clean and fresh snow replaced for the next day. Used snow (blood stained, bone shavings etc.) will be placed in plastic lined cardboard boxes and transported to the mainland for temporary storage. Remains including saturated snow, caribou hides, bones etc. are backhauled every three or four days to the community of Coral Harbour for disposal in the regional landfill.

Portable water for the camp will be obtained from an unmanned lake located beneath the camp. The intake pipe will be screened and positioned on clean granular or bedrock substrate at a depth greater than 1.5 m to prevent freezing. Water will be transferred via submersible electric pump and 50mm water line to a plastic holding tank on site. Sewage on-site will be collected in honey bags and transferred to a holding area daily. The holding area (dedicated qamutik with wooden box) will be located greater than 30m from the nearest water body. The honey bags will be removed from the site every three or four days and backhauled to the community of Coral Harbour for disposal at the regional landfill.

Grey water will be contained on-site in a plastic tank then discharged to a sump area on the mainland. The sump is located greater than 30m from the nearest water body and will be inspected daily by the camp manager to ensure there are no impacts to the surrounding environment.

Solid waste generated on-site will be backhauled to the community of Coral Harbour weekly and disposed of at the regional landfill. All non-edible condemned portions of the caribou including viscera, heads (antlers removed) and hides will be transported to a designated area (minimum 800m from camp) to allowed to freeze before loading onto Bombardier skids for transport to the local community dump. A trench will be dug at the local dump in the spring and all discarded material will be buried in accordance with regulatory requirements.

The camp will be equipped with two Detroit diesel fired generators. The generators will be located in a wood framed building and monitored daily. The generators will supply the camp with electricity for lighting and heating purposes.

Hazardous waste including waste oils and lubricants are expected to be minimal. Sources of potential waste include two cycle engine oils for snow machines and used motor oil from the generators. All hazardous waste will be temporarily stored adjacent the fuel cache in plastic 5 gallon jerry cans. Weekly or as needed, the hazardous material will be backhauled to the community of Coral Harbour for disposal in the regional landfill.

The camp will be equipped with a fuel cache to store approximately 20 barrels (20x 208L) of fuel oil and one steel tank (1x 1893L) for gasoline storage. The cache will be located to the south of camp and positioned greater than 30 meters from the nearest water body. The fuel cache will be inspected daily by the site manager and any spills immediately reported to the 24-hour spill report line at (867) 920-8130.

A fuel dispensing station equipped with fire extinguisher, shovel and gloves will be established and designated for the refueling of snow machines. The site manager will appoint a fuel handler and he will be solely responsible for handling and dispensing fuel.