From:	Alert8WingEnv@forces.gc.ca
To:	licensing@nunavutwaterboard.org
Cc:	Drew.Craig@forces.gc.ca; Erik.Allain@aandc-aadnc.gc.ca; Curtis.Didham@ec.gc.ca; Andrew.Tam@forces.gc.ca; Alert8WingEnv@forces.gc.ca
Subject:	3BC-ALT1015 Temporary Out-of-Service Notice for Thermal Incinerator Facility at CFS Alert
Date:	Wednesday, June 12, 2013 1:35:23 PM

Good afternoon Ms. Beaulieu,

The Department of National Defence - 8 Wing Environmental Management (DND) would like to inform the Nunavut Water Board that the Thermal Incinerator Facility at CFS Alert, Nunavut, (Water Licence# 3BC-ALT1015) has been taken temporarily out-of-service. The integrity of the interior refractory bricks of the incinerator has been compromised and the Station Construction Engineering Officer has deemed the system unsafe to operate until repairs are conducted. DND at 8 Wing Trenton, has engaged the contracted manufacturer (EcoWaste Solutions Inc) to conduct emergency repair work. DND estimates that the Thermal Incinerator Facility at CFS Alert will be not in service for approximately 4-6 weeks.

Timelines:

It will take approximately 2-3 weeks to deliver the required repair materials to 8 Wing Trenton, Ontario, for furtherance via airlift to CFS Alert. The manufacturer estimates the repair work to take approximately 1-2 weeks with an additional 30 hours to cure the brick works before the Thermal Incinerator can be brought back into full operational capability.

Alternative Measures:

As CFS Alert relies on the Thermal Incinerator Facility to incinerate non-hazardous and hazardous wastes, alternative measures have been placed:
1) An enclosed storage building (away from the main station) has been designated as a temporary waste storage facility to provide security against general public access and wildlife attraction.
2) The enclosed storage building is located well away from the ordinary high water mark, and both building and road access from general personnel will be restricted by Station authorities.
3) Waste (mostly hard non-garburated food materials, such as bones) will be placed into plastic lined tri-wall (cardboard) containers on stackable wooden pallets.
4) The intent of this modular packaging will allow for efficient incineration once the Incinerator is fully operational.
5) Hazardous materials (such as oil filters, oily rags, etc) will also be sorted and placed into separate plastic lined tri-wall containers, either for future incineration or backhauling via airlift for appropriate HazWaste disposal, as per the Licence.
6) These tri-wall containers will be labelled for content.

Should there be further developments in this situation, DND will promptly update the NWB.
As well, once the Thermal Incinerator Facility returns to full operational capability, DND will inform the NWB.

If there are any concerns, please do not hesitate to contact me

directly.

Sincerely,

Andrew Tam
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