



8 Wing Environmental Management
74 Polaris Avenue, Room 305
PO Box 1000 Stn Forces
Astra, ON K0K 3W0

April 30, 2019

Licensing Department,
Nunavut Water Board
P.O. Box 119
Gjoa Haven, Nunavut X0B 1J0

**Re: DND RESPONSE TO ITEM NO.6 OF THE TM COMMITMENT. 8AC-ALT----
– PROVIDE PRELIMINARY SITE WATER AND RUNOFF MANAGAEMENT
PLAN**

Dear Licensing Department,

The Department of National Defence (DND) - 8 Wing Trenton Environmental Management Office is providing this response letter to the commitment made to provide preliminary Site Water and Runoff Management Plan. 8AC-ALT---- – Department of National Defence – Canadian Forces Station Alert TM Commitment number 6.

DND - 8 Wing Trenton Environmental Management Office is committed to supporting and collaborating with the NWB, ECCC and CIRNAC in this collective effort to help support the water licence renewal process for CFS Alert.

Preliminary Site Water and Runoff Management Plan Objectives

DND is committed to ensure that site water runoff for the purpose of protecting local water resources from degradation and impacts on the surrounding environment. As such, DND has committed to obtaining a third party consultant or university to develop a Site Water and Runoff Management Plan for the Station. This Plan will contain, but is not limited to, the following site design criteria:

- Hydrologic and topographic study;
- Maximum drainage areas;
- Soils;
- Slopes;
- Terrain;
- Head;
- Location in relation to environmentally sensitive features
- Sewage terrace flow characterization and retention times

The intent of the study would be to incorporate guidance factors for the maximum removal of pollutants and reduction of sediment loading off the station.

Timeline

Currently DND is in the definition phases of planning but expects that contracting / data collection will take place from year 2020-2023. Once completed development of the project plans will be coordinated between years 2023-2024 with planned implementation in 2025.

Notes

DND would like to request significant time from the NWB to complete this task due to the procurement constraints, expert service requirements, high arctic logistics, transportation constraints, and for access to the sites at appropriate seasons for data collection.

DND - 8 Wing Trenton Environmental Management Office is committed to working with the NWB, ECCC and CIRNAC; we are supportive of any teleconferences and technical meetings to collaboratively help establish an appropriate Water Licence for and in support of the operations at CFS Alert.

Should you have any further questions or comments, please do not hesitate to contact me.

Yours truly,



Nathan Koutroulides, B.Sc, CD, PMP.
8 Wing Deputy Environment Officer, Environmental Management
Department of National Defence / Government of Canada
Nathan.Koutroulides@forces.gc.ca / Tel: 613-392-2811 Ext. 4821