

MEMORANDUM

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

11 March 2022

Attention: Nunavut Water Board

Re: Response to Crown-Indigenous Relations and Northern Affairs Canada's review of Department of Defence Type B Water Licence amendment application – Type B Water Licence No. 8BC-BAF1929

Please see the responses to the recommendations outlined in the February 14 2022 memo "Crown-Indigenous Relations and Northern Affairs Canada's review of Department of Defence Type B Water Licence amendment application – Type B Water Licence No. 8BC-BAF1929".

1. (R-01) CIRNAC recommends that the Licensee reports daily usage of water in subsequent annual reports to give reviewers an idea of amount of daily water usage.

Due to their large size, the water tanks at BAF-3 are filled over multiple days. Typically, this takes two weeks. In future reports the maximum daily amount drawn from the water supply lake will be reported.

2. (R-02) CIRNAC recommends that the Licensee clarify if a flow meter was installed at the source for water volume measurement.

A flow meter is installed on the fill piping which leads from the water supply lake. It is physically located at the water storage building, but measures water drawn from the lake. The water meter is positioned to record all water drawn by the site, even though it is not physically located at the water source. During the 2021 inspection of BAF-3 the water meter was observed by the water resources officer. The inspection report states '9. A Water Meter was observed on site, but didn't show the amount of water in the tanks.' At the time, the water meter was being repaired.

While the water meter was under repair daily water draw was tracked by measuring the height of the water in the tanks at regular intervals during filling.

3. (R-03) CIRNAC recommends that the licensee clarify the difference in the total volume of water used in year 2018 and the amount reported on Table 2-1.

The amount reported in Table 2-1 is correct. The paragraph preceding the table is incorrect and the first sentence should be amended to read:

"A total of **345.5** cubic meters was drawn from the water supply lake."