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NUNAVUT WATER BOARD  
NUNAVUT IMALIRIYIN KATIMAYINGI  
OFFICE DES EAUX DU NUNAVUT

File Nos :      1BR-BYR1320      1BR-GLA1531  
                         1BR-CAM0520      1BR-HAL1533  
                         1BR-CAP1623      1BR-JEN1323  
                         1BR-DYE1623      1BR-LON1422  
                         1BR-FOD1320      1BR-MAC1323  
                         1BR-FOX1523      1BR-QIK1320

December 12, 2019

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**RE: Nunavut Water Board Response to Request for Modification of the Post-Construction Monitoring Programs for Water Licences for DND DEW Line Sites.**

Dear Ms. D'Costa and Ms. Street:

This letter is a response to the correspondence provided by the Department of National Defence (DND or Licensee) to the Nunavut Water Board (NWB or Board) on February 09, 2017, requesting to change the scope of the soil and groundwater Monitoring Programs for the following Water Licences currently in care of DND:

- |               |       |                   |
|---------------|-------|-------------------|
| • 1BR-BYR1320 | PIN-4 | Byron Bay         |
| • 1BR-CAM0520 | CAM-M | Cambridge Bay     |
| • 1BR-CAP1623 | PIN-2 | Cape Young        |
| • 1BR-DYE1623 | DYE-M | Cape Dyer         |
| • 1BR-FOD1320 | FOX-3 | Dewar Lakes       |
| • 1BR-FOX1523 | FOX-4 | Cape Hooper       |
| • 1BR-GLA1531 | CAM-2 | Gladman Point     |
| • 1BR-HAL1533 | FOX-M | Hall Beach        |
| • 1BR-JEN1323 | CAM-1 | Jenny Lind Island |
| • 1BR-LON1422 | FOX-2 | Longstaff Bluff   |
| • 1BR-MAC1323 | CAM-5 | Mackar Inlet      |
| • 1BR-QIK1320 | FOX-5 | Broughton Island  |

In its request, the Licensee noted that *“mercury and PCBs in groundwater, as well as mercury in soil, are not useful indicators of potential landfill failure”* and proposed that *“mercury analysis be removed from the DEW Line soil and groundwater monitoring program and that PCB analysis be removed from the DEW Line groundwater monitoring program.”*

On September 27, 2019, the submission was distributed for public review with a deadline set at October 11, 2019. In correspondence dated October 11, 2019, Crown-Indigenous Relations and Northern Affairs (CIRNA) indicated that they do not have any comments to provide to the NWB.

After completing the technical review, the Board determined that the proposed changes do constitute modifications that are consistent with the existing terms and conditions of the above listed Water Licences and, therefore, no longer requires the Licensee to conduct mercury analysis of soil and groundwater samples and PCB analysis of groundwater samples under the scope of the soil and groundwater Monitoring Program for the DEW Line Sites in Nunavut.

Should you have any questions, please feel free to contact the undersigned at (867) 360-6338 (extension 29) or [sergey.kuflevskiy@nwb-oen.ca](mailto:sergey.kuflevskiy@nwb-oen.ca), at your earliest convenience.

Sincerely,



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Sergey Kuflevskiy  
Nunavut Water Board,  
Technical Advisor

Cc: Distribution List – Qikiqtani/ Kitikmeot/ Kivalliq