



Water Resources Division
Resource Management Directorate
Nunavut Regional Office
P.O. Box 100
Iqaluit, NU, X0A 0H0

Your file - Votre référence
8BW-ANU2333
Our file - Notre référence
GC Docs # : 116620891

August 24, 2023

Richard Dwyer
Manager of Licensing
Nunavut Water Board
P.O. Box 119
Gjoa Haven, NU, X0B 1J0
E-mail: licencing@nwb-oen.ca

**Re: Crown-Indigenous Relations and Northern Affairs Canada's (CIRNAC) Review
of Construction Drawings of New Type B, Water Licence No. 8BW-ANU2333 for
the Anuriqjuak Nukkiksautiit Project**

Dear Mr. Dwyer

Thank you for your August 16, 2023 invitation to review the construction drawings for Nunavut Nukkiksautiit Corporation, Type B water licence no. 8BW-ANU2333 for the Anuriqjuak Nukkiksautiit Project.

CIRNAC examined the construction drawings pursuant to its mandated responsibilities under the *Nunavut Waters and Nunavut Surface Rights Tribunal Act* and the *Department of Crown-Indigenous Relations and Northern Affairs Act*. Please find CIRNAC's comments in the attached technical review memorandum.

If there are any questions or concerns, please contact me at (867) 975-4282 or Christine.Wilson3@rcaanc-cirnac.gc.ca

Regards,

Christine Wilson

Christine Wilson,
Industrial Coordinator



Technical Review Memorandum

Date: August 24, 2023

To: Richard Dwyer – Manager of Licensing, Nunavut Water Board

From: Christine Wilson – Industrial Coordinator, CIRNAC

Subject: **Crown-Indigenous Relations and Northern Affairs Canada's (CIRNAC)
Review of Construction Drawings of New Type B, Water Licence No.
8BW-ANU2333 for the Anuriqjuak Nukkiksautiit Project**

A. BACKGROUND

On August 16, 2023, Nunavut Nukkiksautiit Corporation (Licensee) was issued Type B water licence 8BW-ANU2333 for the use of water and deposit of waste during construction activities at the Anuriqjuak Nukkiksautiit Project. The project consists of the installation of wind turbines, transmission line and a battery energy storage system to be integrated with the community's electrical grid reducing the Municipality of Sanikiluaq's reliance on diesel fuel for electricity. The Licensee is approved to install a 4.5km access road and three water crossings, to allow access to the location of the wind turbines.

Growler Energy submitted, on behalf of the Licensee, for-construction drawings of the project to the Nunavut Water Board for review as required by Part E, item 3 of the water licence.

CIRNAC provided the following comments pertaining to the construction drawings. A summary of the subjects of comments can be found in Table 1. Documents reviewed as part of the submissions can be found in Table 2 of Section B. Detailed technical review comments and requests for clarification can be found in Section C.



Table 1: Summary of Recommendations

Comments Number	Subject
C-01	Conditions Applying to Construction, Notice to the Inspector
C-02	Conditions Applying to Construction, Reporting Effluent Quality Exceedance



B. DOCUMENTS REVIEWED AND REFERENCED

The following table (Table 2) provides a list of the documents reviewed under the submission and referenced during the review.

Document Title	Author, File No., Rev., Date
230623 8BW-ANU---- Issued for Construction 1096-003-4.5.1111 Rev 0-IMLE	Canadian Project Limited, April 20, 2023
230623 8BW-ANU---- Issued for Construction 1096-003-4.5.1121 Rev 0-IMLE	Canadian Project Limited, April 20, 2023
230623 8BW-ANU---- Issued for Construction 1096-003-4.5.2111 Rev 0-IMLE	Canadian Project Limited, April 20, 2023
230623 8BW-ANU---- Issued for Construction 1096-003-4.5.2121 Rev 0-IMLE	Canadian Project Limited, April 20, 2023
230623 8BW-ANU---- Issued for Construction 1096-003-4.5.2122 Rev 0-IMLE	Canadian Project Limited, April 20, 2023
230623 8BW-ANU---- Issued for Construction 1096-003-4.5.2123 Rev 0-IMLE	Canadian Project Limited, April 20, 2023
230623 8BW-ANU---- Issued for Construction 1096-003-4.5.2124 Rev 0-IMLE	Canadian Project Limited, April 20, 2023
230623 8BW-ANU---- Issued for Construction 1096-003-4.5.2211 Rev 0-IMLE	Canadian Project Limited, April 20, 2023
230623 8BW-ANU---- Issued for Construction 1096-003-4.5.2221 Rev 0-IMLE	Canadian Project Limited, April 20, 2023
230623 8BW-ANU---- Issued for Construction 1096-003-4.5.2222 Rev 0-IMLE	Canadian Project Limited, April 20, 2023
230623 8BW-ANU---- Issued for Construction 1096-003-4.5.2223 Rev 0-IMLE	Canadian Project Limited, April 20, 2023
230623 8BW-ANU---- Issued for Construction 1096-003-4.5.2231 Rev 0-IMLE	Canadian Project Limited, April 20, 2023
230623 8BW-ANU---- Issued for Construction 1096-003-4.5.2232 Rev 0-IMLE	Canadian Project Limited, April 20, 2023
230623 8BW-ANU---- Issued for Construction 1096-003-4.5.2233 Rev 0-IMLE	Canadian Project Limited, April 20, 2023
230623 8BW-ANU---- Issued for Construction 1096-003-4.5.2234 Rev 0-IMLE	Canadian Project Limited, April 20, 2023
230623 8BW-ANU---- Issued for Construction 1096-003-4.5.2235 Rev 0-IMLE	Canadian Project Limited, April 20, 2023
230623 8BW-ANU---- Issued for Construction 1096-003-4.5.2236 Rev 0-IMLE	Canadian Project Limited, April 20, 2023
230623 8BW-ANU---- Issued for Construction 1096-003-4.5.2241 Rev 0-IMLE	Canadian Project Limited, April 20, 2023
230623 8BW-ANU---- Issued for Construction 1096-003-4.5.2242 Rev 0-IMLE	Canadian Project Limited, April 20, 2023
230623 8BW-ANU---- Issued for Construction 1096-003-4.5.2243 Rev 0-IMLE	Canadian Project Limited, April 20, 2023
230623 8BW-ANU---- Issued for Construction 1096-003-4.5.2244 Rev 0-IMLE	Canadian Project Limited, April 20, 2023
230623 8BW-ANU---- Issued for Construction 1096-003-4.5.2245 Rev 0-IMLE	Canadian Project Limited, April 20, 2023
230623 8BW-ANU---- Issued for Construction 1096-003-4.5.2246 Rev 0-IMLE	Canadian Project Limited, April 20, 2023
230623 8BW-ANU---- Issued for Construction 1096-003-4.5.2312 Rev 0-IMLE	Canadian Project Limited, April 20, 2023
230623 8BW-ANU---- Issued for Construction 1096-003-4.5.2313 Rev 0-IMLE	Canadian Project Limited, April 20, 2023



1. Conditions Applying to Construction, Notice to the Inspector

In accordance with Part E, item 2 of the water licence, the Licensee shall notify the Nunavut Water Board and Inspector at least 10 days prior to the construction or installation of any water crossings associated with the project.

Comment: (C-01) The Licensee shall contact the CIRNAC Inspector, Water Resource Officer, Joseph Monteith at telephone (867) 975-1787 or email Joseph.Monteith@rcaanc-circnac.gc.ca as required by the conditions of the licence.

2. Conditions Applying to Construction, Reporting an Effluent Quality Exceedance

In accordance with Part E, item 6 of the water licence, the licensee shall monitor all surface discharge from construction activities associated with this project and not exceed the following effluent quality limits:

Parameter	Maximum Average Concentration (mg/L)	Maximum Concentration of Any Grab Sample (mg/L)
Total Suspended Solids	50.0	100
Oil and Grease	No Visible Sheen	No Visible Sheen
pH	Between 6.0 and 9.5	Between 6.0 and 9.5

Any exceedance must be reported to the NWT/NU 24-Hour Spill Line as prescribed in Part G item 4 and 5.

Comment: (C-02) In addition to reporting exceedances with the NWT-NU 24-Hour Spill Line the Licensee shall contact: CIRNAC Inspector, Water Resource Officer, Joseph Monteith at telephone number (867) 975-1787 or email Joseph.Monteith@rcaanc-circnac.gc.ca; or the Inspector On-Call telephone number (867) 975-4284.