



Transport Canada number <b>2022-83</b>
Applicant number

## AERONAUTICAL ASSESSMENT FORM for obstacle notice and assessment

Owner (company name) <b>Kivalliq Alternative Energy</b>		
City <b>Rankin Inlet</b>	Province/Territory <b>Nunavut</b>	Postal code (A1A 1A1) <b>X0C 0G0</b>
Telephone number (999-999-9999) <b>250-213-8185</b>	Email Address <b>mtawashy@northernenergycapital.com</b>	

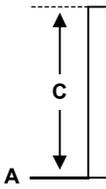
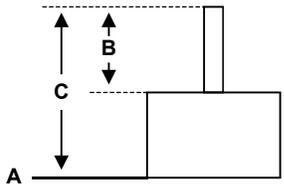
Applicant (company name) <b>Northern Energy Capital</b>		
City <b>Vancouver</b>	Province/State <b>BC</b>	Postal code (A1A 1A1) <b>V6B 1H4</b>
Telephone number (999-999-9999) <b>403-968-1516</b>	Email Address <b>dmay@northernenergycapital.com</b>	

Geographic Coordinates  NAD83  NAD27  WGS84

N Latitude deg 66 min 32 sec 15.32

W Longitude deg 86 min 15 sec 20.20

For extensive structures submit geographical coordinates separately (e.g. windturbines, transmission lines, building corners).

HEIGHTS	Feet	Metres	Structure alone	Structure with an addition
<b>A</b> Ground Elevation (AMSL)		<b>33</b>		
<b>B</b> Height of an addition to a structure		<b>N/A</b>		
<b>C</b> Total structure height including B (AGL)		<b>3.79</b>		
Overall height (A plus C) (AMSL)		<b>36.79</b>		

Is the location on lands affected by **Airport Zoning Regulations (AZRs)**?  Yes  No

Where the object is on lands affected by **AZRs**, a legal survey attesting conformance is required.

Nearest Aerodrome <b>Naujaat Airport</b>	Have you contacted the aerodrome? <input type="radio"/> Yes <input checked="" type="radio"/> No
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Description of Project (or attached)

**This project is a proposed 1MW solar energy facility with 1MWh battery, located in Naujaat, NU. The project site is approximately 3km NW of the Naujaat Airport and will be constructed over a 3.1 hectare area. The project will be built to the north of the community along an existing road. It is expected that the project will interconnect directly at the power station, and may utilize an existing electrical line to run new conduit from the project to the airport, however, this component of the project plan is not yet fully understood.**

Notice of <input checked="" type="radio"/> New Structure <input type="radio"/> Change to existing structure	Duration <input checked="" type="radio"/> Permanent <input type="radio"/> Temporary
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Proposed Construction Date: From (yyyy-mm-dd): **2023-07-01** To (yyyy-mm-dd): **2024-12-30**

Applicant Name <b>Dana May</b>	Telephone (999-999-9999) <b>403-968-1516</b>	Date (yyyy-mm-dd) <b>2022-02-02</b>
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**TRANSPORT CANADA ASSESSMENT (Transport Canada use only)**

Marking and lighting required (as per Standard 621)

Night Protection  Day Protection  Temporary Lighting  No protection required

No obstacle protection required. Contact Naujaat Airport to ensure aviation safety 867-645-8200. Transport Canada does not approve or deny the construction of solar energy facilities. If, however, the solar array's present a hazard to aviation by causing glare, the owner of the facility may be required under Canadian Aviation Regulation 302.10(h) to take immediate steps to mitigate the hazard. 302.10(h) "No person shall, at or in the vicinity of an airport, knowingly display a marker, marking, sign, light or signal that is likely to be hazardous to aviation safety by causing glare or by causing confusion with or preventing clear visual perception of a marker, marking, sign, light or signal that is required under this Subpart."

Completion of this form does not constitute authorization for construction nor replace other approvals or permits.

Transport Canada Civil Aviation Inspector Name Neil Cristo 	Date (yyyy-mm-dd) 2022-02-17
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Note 1: This assessment expires 18 months from the date of assessment unless extended, revised, or terminated by the issuing office.  
Note 2: If there is a change to the intended installation, a new submittal is required.

