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July 7, 2023

VIA E-MAIL: Moraine@iaac-aeic.gc.ca

Moraine Power Generation Project Impact Assessment Agency of Canada 9700 Jasper Avenue, Suite 1145 Edmonton, Alberta T5J 4C3

Dear Sir/Madam:

Re: Application for the Moraine Power Generation Project (the

"Project") by Moraine Initiatives Ltd. (the "Proponent"): comments of Driftpile Cree Nation ("Driftpile") on the Initial

Project Description (the "IPD").

The purpose of this letter is to respond to the IPD submitted to the Impact Assessment Agency of Canada (the "IAAC") by the Proponent. In this submission we will raise the concerns that Driftpile has observed with the Project in light of the IPD. Through a high-level summary of the potential direct and cumulative effects that the Project will have on Driftpile rights, we aim to provide the IAAC with information that will be pertinent in drafting the Summary of Issues.

The Initial Project Description

The Proponent is proposing a natural gas-fueled power generation facility located approximately 10 kilometres west of the town of Whitecourt, in central Alberta. The Proponent indicates that the Project is to supply reliable and affordable clean electricity to Albertans and is planned to be aligned with Canada's objectives of achieving net-zero emissions from the electricity grid by 2035.

The Project involves two main pipelines – the first a 30 kilometre-long extension bringing natural gas from the existing NGTL pipeline network for its main power generation facility and the second a 12 kilometre-long carbon dioxide (CO₂) pipeline that will bring captured CO₂ from the power generation facility to an underground sequestration hub at a proposed location northwest of Whitecourt. In addition to the two pipelines, there will be a 240kV transmission interconnection between the power generation facility and the existing Alberta Interconnected Electric System, which is the province's central power grid.

As part of the Project's early stages, the Proponent submitted an IPD on May 1, 2023. The Agency has deemed the Project to be a designated physical activity potentially subject to an impact assessment. Following the IPD, public comments, and a Detailed Project Description ("**DPD**"), the Agency will make a final determination as to whether an impact assessment is required.

The proposed Project contains multiple components, some of which according to the IPD encroach on or pass through Treaty No. 6 territory. While this is true, from Driftpile's assessment of the maps provided in the IPD, the Project and its components are also located on Treaty No. 8 territory. As such, the Project is expected to cause adverse impacts on Driftpile's Section 35 rights within and beyond Treaty No. 8 territory.

The Proponent has also identified several protected plant and wildlife species of management concern that may be found in the Project area, however there is potential for the inclusion of species that have yet to be identified. In the IPD, the Proponent also states that it has initiated engagement with 28 Indigenous communities and it has promised to continue to communicate and consult with Indigenous communities. According to the Proponent, it is currently developing an Engagement Plan by which it intends to consult with interested and affected parties throughout the life of the Project.

Driftpile Cree Nation

Driftpile is a member of the Lesser Slave Lake Regional Council, alongside Kapawe'no First Nation, Sawridge Band, Sucker Creek First Nation, and Swan River First Nation. From 1899 to 1910, these communities were collectively known as a single Band, Kinasayoo's Band. Kinasayoo's Band members moved freely between reserves until 1929, when the Band was split apart at the direction of the Department of Indian Affairs.

Driftpile is an adherent to Treaty No. 8. It has reserve lands on the southern shore of Lesser Slave Lake, approximately 50 kilometers east of High Prairie in north-central Alberta. Since time immemorial, Driftpile has occupied the lands of present-day Alberta, British Columbia, Saskatchewan, and the Northwest Territories. In addition to its Treaty rights, Driftpile exercises its inherent Indigenous rights, including its rights to hunt, fish, trap, gather, and engage in ceremonial traditions on its traditional territory, which is not confined to the specific boundaries of Treaty No. 8.

Due to substantial oil and gas, metallurgical, and agricultural development over the last century, Driftpile's members are required to travel further afoot to exercise their inherent Indigenous and Treaty rights. These impacts have fundamentally compromised Driftpile's ability to practice stewardship over its traditional territories. Driftpile is significantly impacted by the construction, operation, and abandonment of pipelines within its traditional territory. The proliferation of carbon capture and sequestration technology also poses both short- and long-term concerns for Driftpile with regards to the Project. As such, Driftpile is involved to ensure that there will be appropriate foresight on the part of government agencies, proponents, and all other stakeholders so that the Project can be regulated in a manner that genuinely takes their concerns into account and minimizes impacts on their way of life. Driftpile's inherent and constitutional rights underscore the importance of appropriately and adequately assessing the impacts of the Project to Driftpile and to advance necessary consultation, accommodation, and mitigation measures.

Direct Effects on Driftpile's Rights and Interests

As mentioned, the Project is anticipated to include three thoroughfares – two pipelines and an electrical transmission line, together totaling over 50 kilometres in length. The IPD states that these are anticipated to mirror existing rights-of-way where possible. While Driftpile understands the Proponent's goal of mitigating effects through having construction that would take place in locations that parallel existing rights-of-way, there is no guarantee that the existing pipelines were built following the same consultation and environmental assessment standards that are in place today. It is Driftpile's opinion that the Proponent must be able to demonstrate that there were adequate consultation processes with the pre-existing structures and rights-of-way, as simply relying on them would be inadequate. Regardless of whether the new lines mirror existing ones or not, heavy construction that directly interferes with wildlife would still occur.

According to the IPD, construction activities are estimated to occur over a three-year time period. Effects from construction activity is expected to release emissions and discharges into the environment. These include (but are not limited to) fine particulates, combustion by-products, GHGs, noise pollution from construction activities, and waste (both solid and liquid). The discharge of fine particulate matter is also noteworthy as it easily travels through and air and can have profound adverse health effects. The Proponent says that it will manage emissions to meet the requirements of applicable guidelines, policies, and regulations, but in many instances it is not enough to simply "meet" these guidelines to fully mitigate these effects. When the time comes, Driftpile would like to further consult with the Proponent to discuss mitigation measures in detail.

In addition to effects on human health, further development in the Project area will directly interfere with wildlife, disrupt habitats, migratory patterns and restrict and diminish access to food for wildlife. Driftpile is concerned that the result of the Project development will further reduce wildlife populations and impact Driftpile members' ability to hunt and fish in the area. The IPD states that a number of wildlife species have been observed in the Project area and it is therefore likely that the Project will interfere with those species. With regards to these species, the IPD states that the Project falls within the range of distribution of species protected under the *Species at Risk Act*. The IPD has also indicated that there is potential for interactions with these species during Project construction and operation. In addition, components of the Project fall within a Key Wildlife Biodiversity Zone, which is a provincial land use designation that is meant to protect biodiversity values. The IPD also states that the Project contains components that have the potential to affect provincially designated recovery zones for grizzly bears, trumpeter swan waterbodies, and migratory bird nesting zones.

Driftpile is aware of the IPD's listed species that fall under the *Species at Risk Act* and the Key Wildlife Biodiversity Zone. Apart from these species, there may be others affected by the Project that are still important to Driftpile despite them not being listed. Driftpile takes the position that further consultation is needed to ensure that all species of concern to Driftpile are identified and the appropriate mitigation measures are in place.

Emissions and discharges from the Project will also affect plants and vegetation. However, the IPD states that the Project is not within the geographical range of any plant species protected under the *Species at Risk Act* or the *Alberta Wildlife Act*. Similar to the issue surrounding species listed above, the same can be said about plants and vegetation. In areas impacted by natural gas

development, emissions make their way into the atmosphere and affect plants as well as the animals that consume them. This affects the ability for Driftpile to harvest untainted wildlife and plants. Even if mitigation measures are successful in lessening the impact on wildlife and plants, it could still affect the perception of Driftpile members and deter them from practicing and engaging in their Section 35 rights.

The recent proliferation of carbon capture and sequestration technology has also been a cause for concern among Driftpile. However, more concerning is the nature of the location of where the CO₂ will be stored. The IPD states that the pipeline is to transport captured CO₂ to a third-party sequestration hub injection site that is not a part of the Project. The IPD also states that there is a preferred location for the site (Athabasca Banks CO₂ Carbon Hub), which is concerning to Driftpile as the details on where CO₂ will be stored have not yet been finalized. Driftpile would like to be kept closely up to date with progress on Project's carbon capture component.

Cumulative Effects on Driftpile's Rights and Interests

If approved, the Project will be part of an ever-increasing number of mines, pipelines and other energy and resource-based developments across Alberta. Driftpile is becoming increasingly surrounded by extractive resource industries that have contributed to historical and ongoing adverse cumulative effects, including health risks, barriers to gathering, and impacts on ecosystems and habitats on Driftpile lands. Driftpile rarely benefits socially or economically from such developments and is instead left with environmental damage and loss of traditional land use and culture. While the Project is only one of numerous developments that will cumulatively impact Driftpile's rights, the Project will nevertheless contribute to the cumulative effects on Driftpile and Driftpile's traditional lands.

Driftpile relies on hunting and trapping as a food source and for medicinal, ceremonial and other traditional purposes. As it is, Driftpile's access to wildlife populations for these purposes has been severely impacted by other developments, creating food insecurity, risk to economic opportunities, and the ability to share and pass on Indigenous knowledge and culture. The environment is delicate and interconnected. Disturbing, contaminating, and altering the environment in one area will impact neighbouring ecosystems. These impacts will be felt by Driftpile and are exacerbated by other developments that are completed or ongoing. Driftpile is concerned that certain cumulative impacts are already irreversible and that the environment will never recover. Continuing to develop the land, regardless of the size of each individual development, only adds to the detrimental effect on Driftpile's rights and interests.

In light of the recent Yahey v British Columbia case, Driftpile submits that it would be a mistake to allow resource development to proceed on an extensive scale without properly assessing Driftpile's concerns about the cumulative effects of the Project. In Yahey, the Supreme Court of British Columbia held that "more than just the usual process" may be required where the cumulative effects of historical development reach a state such that Indigenous peoples' ability to meaningfully practice their Section 35 rights has become substantially compromised. Driftpile submits that the circumstances that gave rise to the Court's decision in Yahey urge caution against the persistent and largely unabated "taking up" of lands in other jurisdictions.

Summary of Driftpile's Interests in the Project

As described above, the Project, if approved, will have adverse direct and cumulative effects on Driftpile's Aboriginal and Treaty rights and its ability to exercise those rights. The result is that Driftpile is losing its interconnectedness with the land. To mitigate those losses, Driftpile believes that its interests and activities must be properly understood in the context of the Project prior to any contemplated approval by the IAAC. Further, Driftpile believes that there must be a robust assessment of the cumulative effects of the Project and the broader energy and resource industry in Alberta in the context of the IAAC process. Accordingly, Driftpile is interested in participating in and contributing to the IAAC process to the fullest extent possible.

In conclusion, Driftpile feels that targeted measures should be put in place to assess, understand and accommodate impacts to Driftpile's rights and that there should be a fulsome consideration of the direct and cumulative nature of such impacts. The IPD tends to downplay the significant potential of the Project to cause new specific impacts or for it to contribute to cumulative impacts.

We appreciate your consideration of these matters.

Sincerely,

<Original signed by>

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Encl.