

Enclosure: Provincial Advice Record**Response due by June 14, 2023**

Marmora Clean Energy Hub Project

Agency File: 84597

All comments should be submitted via the **Submit a Comment** feature available on the Project's Canadian Impact Assessment Registry page¹. Letters and forms can be uploaded using this feature. If you have any difficulties submitting this way, please contact the Agency at *Marmora@iaac-aeic.gc.ca*.

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1. Expertise

Identify and describe the area of expertise within your ministry that is relevant to an assessment of the Project.

Local knowledge of the area
Surface water hydrology and hydraulics
Natural hazard and heritage review
Biological monitoring
Dam ownership and operations both upstream and downstream of site

¹ Reference #84597 at <http://iaac-aeic.gc.ca/050/evaluations/document/147660?culture=en-CA>

2. Key issues and solutions

Respond to the following **Table 1: Key Issues to inform decision-making** on the last page.

What are the key issues likely to be relevant to the public interest decision, based on the mandate and area(s) of expertise of your ministry or agency, and which should be addressed in an impact assessment of the Project, should the Agency determine that one is required?

For each key issue:

- Describe the effect or the nature of the issue, including any relevant context;
- Provide the rationale and/or evidence for why it is a key issue;
- Identify any clarifications or commitments the Proponent could make in its Detailed Project Description and Response to the Summary of Issues that would build confidence that issues can be addressed and managed without further impact assessment;
- Identify briefly solutions to the issue, including any information or studies that should be required in the Tailored Impact Statement Guidelines, potential mitigation measures, and/or regulatory requirements relevant to the issue;
- Provide a concise, plain-language summary of the issue for inclusion in the Summary of Issues.

The information provided will be used by the Agency to determine if and an impact assessment is required and where appropriate to develop project-specific draft Tailored Impact Statement Guidelines that focus on the key issues likely to be relevant to the public interest decision.

3. Provincial policies, operational guidance, and permits and approvals

Within the mandate and area(s) of expertise of your ministry, list, along with a brief description, specific operational policies or guidance documents that could help address issues and manage effects relevant to the project context.

Regional Groundwater Study as part of the Source Water Protection Program

Quinte Region Drought Report

Bridge and Culvert Design Guidelines – Quinte Conservation

Stormwater Management Guidelines – Quinte Conservation.

As per O. Reg. 319/09 and the Conservation Authorities Act permits will be required for development and any interference with watercourses or wetlands (See www.quinteconservation.ca for more information)

4. The Agency understands that in accordance with the *Electricity Projects Regulation* (O. Reg. 116/01) of Ontario's *Environmental Assessment Act*, new waterpower projects greater than 200 MW in capacity must undergo an Individual Environmental Assessment (EA). Therefore, based on the Initial Project Description, this project would be subject to an Individual Provincial EA.

When your ministry or agency undertakes the technical analysis (e.g. potential environmental effects) related to this Project, would you be willing to cooperate with the Agency on this analysis?

Conservation Authorities only perform a review relating to natural hazards for projects under the Provincial EA process.

Quinte Conservation will share data (fees may apply)

5. (a) List and provide a short description of provincial permits or regulatory approvals that might be applicable to the Project.

(b) For each provincial permit or regulatory approval that would be required for the Project, please provide the following information:

- i. Explain any associated framework to address effects on valued components within your mandate.
- ii. Describe any Indigenous consultation activities that would occur, potential timelines for Indigenous participation, and how potential impacts to Indigenous communities are addressed by your ministry.
- iii. Describe any public participation opportunities that would occur, and potential timelines for public participation.

	<p>Ontario Regulation 319/09</p> <p>Permits from Quinte Conservation area required for development (construction, site grading ,excavating and filling) near watercourses, hazardous lands and wetlands. Further, under the same regulation, permits are required to alter, change, divert or interfere with an existing channel of a river, creek, stream or watercourse or interfere with any wetland.</p>

Add rows as needed

6. Is there any additional information related to the geographic context of the Project (e.g. potential effects to natural heritage features, Indigenous protected and conserved areas, provincial species at risk, provincial policy statements on planning or zoning in the area) for which your ministry has information or authority?

Local knowledge of the area

Provincial Water Quality Monitoring data for Moira River near subject site

Ontario Benthic Biomonitoring Network data

Historical bio-criteria data (water quality, benthics and fish)

Streamflow data for Moira River at Hwy. 7

Baseflow data

Paul McCoy, Quinte Conservation

Name of Departmental / Agency Responder

Planning & Regulations Manager

Title of Responder

June 13, 2023

Date

Table 1: Key Issues to inform decision-making

The Agency asks that provincial ministries or agencies align expert advice with the Agency’s approach to tailoring, which focuses on key issues or effects that are likely to be relevant to the public interest decision. In identifying key issues, provincial authorities should be mindful of the Project’s context (size, scope, location), Indigenous knowledge and perspectives, and public concerns. Key issues that may be relevant to the public interest decision include:

- effects that may be significant, based on provincial experts’ knowledge and experience with past projects;
- effects that may impact Indigenous peoples and their rights, based on Indigenous knowledge and perspectives or experience with past projects;
- effects on key species or habitats (e.g. at risk, important to Indigenous communities, commercial importance, provide important ecosystem function);
- issues or effects that may result from novel project activities, components or technology;
- effects with large uncertainties, including in the effectiveness of mitigation measures;
- transboundary effects where mitigation measures are limited;
- positive effects, including where project may support other governmental priorities, including reconciliation with Indigenous peoples; and
- key concerns raised by Indigenous or local communities.

Effects that are anticipated to be minor or which can be managed using well understood mitigation measures, existing guidance, and/or other regulatory processes may have simplified information requirements or may be removed entirely. Measured advice from provincial authorities on key issues and solutions —and on the scope and detail of any required information and studies — will enable the Agency to focus assessments on issues that are important to participants and to decision-makers.

Comment ID	Valued Component or Factor to Consider	Description of Key Issue (Context and Rationale)	Solutions	Plain language summary for inclusion in Summary of Issues
<p><i>Please identify comments by organization and comment number.</i></p> <p><i>e.g.: IAAC-01</i></p>	<p><i>Identify valued component(s) or factor to consider—within the mandate of your ministry or agency—to which the effect or issue applies.</i></p>	<p><i>Provide a brief description of the issue and rationale for being a key issue.</i></p> <p><i>Include, where relevant:</i></p> <ul style="list-style-type: none"> • <i>the pathway of effects;</i> • <i>social, economic or environmental context which are relevant to it being a key issue;</i> • <i>key uncertainties that should be addressed in the impact assessment;</i> • <i>Indigenous or public concerns or perspective;</i> • <i>potential for differential effects among diverse subgroups;</i> • <i>scientific evidence or traditional knowledge, including from past project experience, which supports inclusion as a key issue.</i> 	<p><i>Where applicable, briefly identify solutions to address the potential issue or effects including</i></p> <ul style="list-style-type: none"> • <i>Information or studies required to describe and characterize the effect, should an impact assessment be required; including any guidance for data collection and/or analysis or existing data sources to inform the assessment;</i> • <i>Any powers, duties or functions that your department or agency has that may mitigate, manage, or set conditions related to the effect;</i> • <i>Guidance or policies for mitigating effects or any standard and well-understood mitigation measures that would address the effect, including follow-up monitoring activities; and/or</i> • <i>Commitments the proponent could make to respond to the issue.</i> 	<p><i>For issues to be included in the Summary of Issues, provide a concise, plain language synopsis of the key issue and any questions or directions for the proponent.</i></p>
				<p><i>See Quinte Conservation’s comments on the Impact Assessment Registry</i></p>

Please insert additional rows as necessary.

