

**Ministry of the
Environment, Conservation
and Parks**

Cornwall Area Office
113 Amelia Street
Cornwall, ON K6H 3P1
Fax: (613) 933-7402
Tel: (613) 933-7403

**Ministère de l'Environnement,
de la Protection de la nature et
des Parcs**

Bureau de secteur de Cornwall
113, rue Amelia, 1er étage
Cornwall (Ontario) K6H 3P1
Fax: (613) 933-7402
Tel: (613) 933-7403



August 14, 2020

Nation Rise Wind Farm GP Inc.
Suite 217C – 219 Dufferin Street
Toronto, ON M6K 3J1

Mr. Nathan Roscoe, Project Manager, EDP Renewables Canada Ltd

Mr. Roscoe:

RE: Well Complaint Received and Technical Review Findings
[REDACTED]
Nation Rise Wind Farm

As required by condition I7 of Renewable Energy Approval Number 0871-AV3TFM ('approval'), issued May 4, 2018, as amended, EDP Renewables Canada Ltd, ('EDP' or 'company'), is required to retain the services of a qualified consultant to assess well complaints where the complaint was made by the owner of a well within the Project Study Area or by an owner of a well located within 1 km of the study area.

The Ministry of Environment, Conservation and Parks (ministry) became aware of a well interference complaint involving an open loop geothermal system located at the above-noted residence ('site') in November of 2019. The ministry carried out a review of the initial assessment report by EDP entitled "Assessment of Water Well Complaint – [REDACTED]", authored by BluMetric and dated November 19, 2019. Please find attached a Technical Memorandum providing details on this technical review (dated December 5, 2019).

At the property owner's request, a site visit to the property was also conducted by the ministry on January 10, 2020, which included a visual observation of the geothermal system, the collection of water samples from the residence and a conversation with the homeowner. Please find attached a second Technical Memorandum providing details on the technical review related to this site visit (dated January 29, 2020).

Additional concerns were raised by the homeowner with the ministry about exploratory drilling that took place in the vicinity of the residence as part of the turbine siting for the project. In response, the ministry completed an additional detailed technical review to determine whether the exploratory drilling could have impacted the performance of the geothermal system. This memorandum presents a chronological timeline of construction activities performed on and around [REDACTED] in the construction of the Nation Rise Wind Farm. Please find attached a third Technical Memorandum providing details on this technical review (dated May 11, 2020).

You will note that this review included information gathered from surrounding residential properties and, as such, personal information and identifiers have been redacted for privacy.

Based on the extensive reviews completed by the ministry on the matter of performance of the geothermal system in relation to the Nation Rise Wind Farm project, the ministry concurs with the BluMetric's findings and considers all complaints to have been dealt with in accordance with the approval.

Please be reminded that in accordance with condition I8 of the approval EDP is required to immediately provide potable water where there is indication and/or sample data that well water quality or quantity may have deteriorated relative to pre-construction conditions and the provision of bottled water must continue until such time that the issue is resolved to the satisfaction of the ministry.

If you have any questions, please contact Melissa Lee, Senior Environmental Officer, at Melissa.Lee2@ontario.ca.

Regards,



Melissa Lee
Senior Environmental Officer
Cornwall Area Office

Attachments:

RE: Assessment of well complaint – [REDACTED], Ontario, authored by MECP Hydrogeologist, Eric Martin and Dated December 5, 2019

RE: Assessment of Well Complaint and Site Visit Follow Up – [REDACTED], Ontario, authored by MECP Hydrogeologist, Eric Martin and dated January 29, 2020

RE: Nation Rise Wind Farm – Timeline of Construction Activities on [REDACTED], Ontario, authored by MECP Hydrogeologist, Eric Martin and dated May 11, 2020

Cc: Kenneth Little, EDPR