



April 7, 2020

Ministry of the Environment, Conservation and Parks  
1259 Gardiners Road, Unit 3  
Kingston, ON K7P 3J6

E-mail: [thandeka.ponalo@ontario.ca](mailto:thandeka.ponalo@ontario.ca)

Attention: Ms. Thandeka Ponalo  
*Senior Environmental Officer*

**Re: 2019 Annual Monitoring Report**  
Paugh Lake Waste Disposal Site, Township of Madawaska Valley, Ontario  
Pinchin File: 202412

Pinchin Ltd. (Pinchin) on behalf of the Township of Madawaska Valley, completed the 2019 Annual Monitoring Report for the Paugh Lake Waste Disposal Site (Site). The Site historically operated as a domestic landfill and only accepted domestic waste by residences of the area. The Site was approved with a total fill area of 0.8 hectares (ha) with a total Site area of 10.794 ha. The Site has been closed to all waste disposal and transfer operations since February 2004.

Based on the results of the Pinchin 2019 monitoring program, the following recommendations were provided:

- Based on Pinchin's review of the historical groundwater analytical data collected at the Site as well as the results from the 2019 spring and summer sampling events, landfill related impacts have not been identified at the downgradient monitoring well (BH06-12, BH06-13, BH10, and BH11) and that the Site is in compliance with the MECP Guideline B-7 at the downgradient CAZ boundaries;
- Based on Pinchin's review of the historical surface water analytical data collected at the Site as well as the results from the 2019 spring and summer sampling events, landfill related impacts have not been identified at the downstream surface water receptors (SW1, SW2 and, SW5). Pinchin supports that the PWQO exceedances from iron, phosphorus and phenols are likely attributed to naturally occurring conditions;
- Pinchin's supports the recommendations outlined by the MECP in the 2018 Obai Mohammed Memo which recommends that groundwater monitoring and reporting should continue at the current locations and frequency as previously conducted with no changes while closely monitoring the background locations; and
- The Client should continue to ensure that the requirements as specified in the amended ECA are complied with.

Should you have any questions or require additional information, please do not hesitate to contact the undersigned.



**2019 Annual Monitoring Report**

Paugh Lake Waste Disposal Site, Township of Madawaska Valley, Ontario  
Ministry of the Environment, Conservation and Parks

April 7, 2020  
Pinchin File: 202412

**Pinchin Ltd.**

Prepared by:

Reviewed by:

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Cc: Hilary Kutchkoskie - Township of Madawaska Valley

202412 2019 Cover Letter Paugh Lake Site MECP.docx

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