



**BY EMAIL**

File: 26250-20/12556  
Site ID: 12556

April 7, 2021

Curtis Bogren  
Suncor Energy Products Partnership  
PO Box 2844, 150-6<sup>th</sup> Avenue S.W.  
Calgary, Alberta T2P 3E3  
[cbogren@suncor.com](mailto:cbogren@suncor.com)

Dear Curtis Bogren,

**Re: Protocol 4 Application for Local Background Soil Quality Determination for Arsenic in Soil at 17824 56<sup>th</sup> Avenue, Surrey, BC**

The Ministry of Environment and Climate Change Strategy (“the ministry”) has completed a review of your application received December 17, 2020 for a local background concentration in soil approval for arsenic for the property located at 17824 56<sup>th</sup> Avenue, Surrey, BC, site 12556 (“the Site”).

The Site for which this approval has been issued is described as follows:

PID: 001-898-051

Legal Description: Lot 1, Section 5, Township 8, New Westminster District, Plan 69815.

A Site location plan is attached as Figure 1 for reference.

In reaching my decision I have relied on information provided in the following documents:

- *Background Soil Quality Assessment, Former Card Lock and Bulk Plant, 17824-56<sup>th</sup> Avenue, Surrey, BC* prepared by SNC-Lavalin Inc. (SNC-Lavalin) dated December 17, 2020.
- Email Communication, *Re: Site 12556*, sent by Johnny Louie, SNC-Lavalin, dated March 24, 2021.

These documents describe soil investigations and statistical calculations undertaken to establish a local background concentration for arsenic in soil at the Site.

The purpose of the review was to determine if the submission satisfies the requirements set out in the ministry's protocol entitled [Protocol 4 for Contaminated Sites – Establishing Background Concentrations in Soil](#) ("Protocol 4"). Based on the review of the above-referenced documentation, the ministry has concluded that the submission meets the requirements specified in Protocol 4. The representative local background concentrations of arsenic in soil at the Site are as follows:

- **Arsenic: 17.2 µg/g**

The ministry acknowledges that the arsenic concentration in one sample (BH20-18-04) exceeded the above background soil concentrations. This exceedance is the result of the Protocol 4 requirement to calculate representative concentrations based on the 95<sup>th</sup> percentile of sampling results and is still considered representative of background conditions.

Documents submitted in support of this application were reviewed for purposes of evaluating SNC-Lavalin's conclusions regarding background concentrations in soil at the Site. The ministry has not reviewed information related to the assessment of potential site contamination. This letter, therefore, provides no opinion regarding the adequacy or completeness of investigations conducted to ascertain and address site contamination issues.

This approval is based on the most recent information available to the ministry regarding the above-referenced site. The ministry, however, makes no representation or warranty as to the accuracy or completeness of this information.

Please contact me at [Julia.Brooke@gov.bc.ca](mailto:Julia.Brooke@gov.bc.ca) if you require additional information.

Sincerely,



Julia Brooke  
for Director, *Environmental Management Act*

Attachment: Site Location Plan

cc: Johnny Louie, SNC-Lavalin. (BY EMAIL) [johnny.louie@snclavalin.com](mailto:johnny.louie@snclavalin.com)  
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