

March 12, 2019

**Our Reference**  
Project No. 60588114

Jennifer Winsor P. Eng.  
Environmental Engineer  
Environmental Approvals Branch  
Manitoba Sustainable Development,  
Environmental Approvals  
1007 Century Street  
Winnipeg MB R3H 0W4

**RE: Wanipigow Sand Extraction Project (File # 5991.00) – Environment Act Proposal Review Responses**

Dear Ms. Jennifer Winsor,

On behalf of Canadian Premium Sand Inc. (CPS), enclosed are responses to the Technical Advisory Committee (TAC) and public review comments received from you on February 21, 2019. The TAC and public comments regarding the Environment Act Proposal (EAP) for the Wanipigow Sand Extraction Project (the 'Project') were submitted to Manitoba Sustainable Development on December 18, 2018 a part of the Environment Act Licence application for the Project.

Responses to the TAC and public review comments are attached to this cover letter and are provided within two separate and complete response tables.

- **Table 1 - Responses to Technical Advisory Committee (TAC) Review Comments**, including the following attachments:
  - Attachment A: Revised Air Quality Report, March 2019
  - Attachment B: Sand Resource Mineral Constituent Analysis
  - Attachment C: Wanipigow Sand Extraction Project – Cumulative Effects Assessment Report
  - Attachment D: Traffic Memorandum
- **Table 2 – Responses to Public Review Comments**, including the following attachments:
  - Attachment A: Wanipigow Sand Extraction Project – Cumulative Effects Assessment Report
  - Attachment B: Safety Data Sheets for Sand Wash Polymers
  - Attachment C: Revised Air Quality Report, March 2019
  - Attachment D: Traffic Memorandum

Regarding where the silica sand will be taken within Winnipeg and how it will be transferred, the silica sand product will be loaded into covered and sealed transport trucks from the storage silos at the enclosed dry plant. Once loaded, the trucks will proceed to the on-site truck scale for weighing and ticketing for over-the-road transport to the tentative location of the CPS transload facility in Winnipeg. The trucks will proceed approximately 6 km to exit the CPS property onto Hollow Water Road and travel approximately 2.5 km south intersecting PR-304. The trucks will proceed south on PR-304 for 105 km to intersect PTH-59 then south on PTH-59 for 70 km to PTH-101 at Winnipeg then east on PTH-101 for 6.5 km to Gunn Road then 0.75 km west to Redonda Street then 1 km north on Redonda Street to the proposed transload facility at 999 Redonda Street.

At the proposed transload facility, which will be enclosed, the bottom-dump transport trucks will discharge the sand into a hopper within the transload facility. The sand will then be transported to storage silos via an enclosed bucket elevator. Train cars will be loaded from the silos within the enclosed transload facility building. Fugitive dust emissions from transload activities will be collected and captured by negative pressure dust collectors and transported to a bag house. Waste fines from the baghouse will be encapsulated to mitigate fugitive dust dispersion and transported back to the Project site for disposal within the active quarry. After discharging sand at the transload facility, the trucks will return to the CPS Wanipigow sand wash and dry facility via the reverse of the above route.

If you have any questions regarding the proposed Project please contact me at your earliest convenience.

Yours sincerely,



Marlene Gifford  
Biologist, Environmental Assessor  
AECOM Canada Ltd.  
T: 204-928-9210  
E: marlene.gifford@aecom.com

**cc:** Siobhan Burland Ross (Manitoba Sustainable Development)  
Robert Archibald (CPS)

**Attachments:**

- TAB-1\_Responses to TAC Review Comments\_2019\_03\_12.pdf
- TAB-2\_Responses to Public Review Comments\_2019\_03\_12.pdf