

DATE: December 1, 2022

TO: Public Registry

FROM: Eshetu Beshada, Ph.D., P. Eng.
Environmental Engineer
Municipal and Industrial Section

SUBJECT: File 6137.00 – Canadian Premium Sands Inc. – Information for Public Registry

Please find attached the TAC correspondence related to Canadian Premium Sands Inc. – solar glass manufacturing facility file (6137.00) for distribution to the public registries. The documents included are:

TAC Comments

- November 27, 2022 an email from Forestry and Peatland Branch, 1 page
- November 27, 2022 a memo from Compliance and Enforcement Branch, 1 page
- November 23, 2022 an email from Manitoba Transportation and Infrastructure, 1 page
- November 17, 2022 an email from Health and Seniors Care–Medical Officer of Health, 1 page
- November 15, 2022 an email from Municipal Relations – Community Planning, 1 page
- November 9, 2022 a memo from Sport, Culture and Heritage - Historic Resources, 1 page
- November 2, 2022 an email from Inspection and Technical Services, 1 page
- November 2, 2022 an email from Wildlife Branch, 1 page
- October 28, 2022 an email from Groundwater Management Section, 1 page
- October 26, 2022 an email from Officer of Drinking Water, 1 page

Thank you.

Eshetu Beshada, Ph.D., P. Eng.

DATE: November-27-2022

TO: Eshetu Beshada, Ph.D., P. Eng.
Environmental Engineer
Municipal and Industrial Section
204-250-1932
Eshetu.Beshada@gov.mb.ca

FROM: Marianne Porteous
Acting Manager, Planning and
Development, Natural Resources
and Northern Development
Forestry and Peatlands

PHONE NO.: 204-793-4109

EMAIL: Marianne.Porteous@gov.mb.ca

SUBJECT: Request for Environment Act Proposal Review - File 6137.00 -Canadian Premium Sands Inc. - Selkirk solar glass manufacturing facility

Hi Eshetu,

No concerns from the Forestry and Peatlands Branch.

Marianne

DATE: November 25, 2022

Client File No.: 6137.00

TO: Beshada, Eshetu
Environment, Climate and
Parks Environmental
Approvals Branch 1007
Century St
Winnipeg MB R3H 0W4

FROM: Innes, Kris
Environment, Climate and
Parks Environmental
Compliance and
Enforcement Branch
Lower Level, 446 Main St
Selkirk MB R1A 1V7
P: (204) 485-5643

SUBJECT: Environment Act Proposal – Canadian Premium Sands Inc. - Selkirk Solar Glass Manufacturing Facility

Environment, Climate and Parks, Environmental Compliance and Enforcement Branch has reviewed the above noted Environment Act Proposal, and submit the following comments.

The proponent has indicated that treated wastewater effluent from the Selkirk Wastewater Treatment Plant will be used as process water for the proposed manufacturing facility. What are the potential impacts to staff and operations should effluent quality parameters exceed those of the Industrial Service Agreement and/or the requirements of Environment Licence 3273 issued to the City of Selkirk. Furthermore, should exceedances occur, what mitigation or contingency measures are proposed.

The updated air quality assessment report indicates that the dispersion modelling assessment predicted no exceedances of the MAAQC for all parameters and locations. Contrary to this Table 18 of this report identifies an exceedance of the MAAQC for the NO₂-TCM for both the 1-hour and 24-hour maximum acceptable level concentrations. Please clarify why this hasn't been identified as an exceedance, or what mitigation measures will be implemented to ensure compliance with these thresholds.



DATE: November-23-2022

TO: Eshetu Beshada, Ph.D., P. Eng.
Environmental Engineer
Municipal and Industrial Section
204-250-1932
Eshetu.Beshada@gov.mb.ca

FROM: MIT Environmental Services
Section
Manitoba Transportation and
Infrastructure
Environmental Services
PHONE NO.: NA
EMAIL: MITEnviServices@gov.mb.ca

SUBJECT: **Request for Environment Act Proposal Review - File 6137.00 -Canadian Premium Sands Inc. - Selkirk solar glass manufacturing facility**

Please see below for response from the following MTI Branches/Section:

Capital Region:

Based on the provided EAP in which the applicant indicates they will discuss the Traffic Impact Study and Drainage Study with MTI to ensure all MTI needs are met prior to construction, I have no concerns with the proposed. Approval from MTI must be received prior to any construction that may impact the MTI network and is required for any drainage into MTI ditches, upgrades to MTI roadways, and construction within the 38.1 m Controlled Areas of PTH 4 and PTH 9, as well as the 304.8 m Controlled Area Circle of the PTH 4 and PTH 9 intersection. In particular MTI/TSE would like to review the drainage study to ensure no MTI impacts.

Roadside Development:

A traffic impact study has been prepared and is presently undergoing review. Please note the following statutory requirements for PTH 4.

Statutory Requirements:

Under the Transportation Infrastructure Act, a permit is required from Manitoba Transportation and Infrastructure to construct, modify, relocate, remove or intensify the use of an access. A permit is also required from Manitoba Transportation and Infrastructure to construct, modify or relocate a structure or sign, or to change or intensify the use of an existing structure (including the alteration of existing buildings) within the 38.1 (125ft) controlled area from the edge of the highway right-of-way.

In addition, a permit is required from the Manitoba Transportation and Infrastructure for any planting placed within 15 m (50 ft) from the edge of the right-of-way of this highway.

Water Management, Planning and Standards:

No comment

Thank you for the opportunity to review and comment.

DATE: November-17-2022

TO: Eshetu Beshada, Ph.D., P. Eng.
Environmental Engineer
Municipal and Industrial Section
204-250-1932
Eshetu.Beshada@gov.mb.ca

FROM: Peter Benoit
Medical Officer Of Health, Health
Medical Officers of Health

PHONE NO.: NA
EMAIL: peter.benoit@gov.mb.ca

SUBJECT: Request for Environment Act Proposal Review - File 6137.00 -Canadian Premium Sands Inc. - Selkirk solar glass manufacturing facility

Beshada – thank you for giving us the opportunity to review this document. This document also clearly articulates potential concerns and corresponding mitigation strategies including soil erosion, surface water/ groundwater, air quality, greenhouse gases, noise, occupational health/workplace safety and health, impact on Indigenous communities, and traffic.

I have no specific concerns to raise from a human health perspective.

Dr. Peter Benoit
Medical Officer of Health
Interlake-Eastern Regional Health Authority
MD MPH CCFP FRCPC

DATE: November-15-2022

TO: Eshetu Beshada, Ph.D., P. Eng.
Environmental Engineer
Municipal and Industrial Section
204-250-1932
Eshetu.Beshada@gov.mb.ca

FROM: Breanne Jack
Planner, Municipal Relations
Community Planning

PHONE NO.: 204-785-5131
EMAIL: Breanne.Jack@gov.mb.ca

SUBJECT: **Request for Environment Act Proposal Review - File 6137.00 -Canadian Premium Sands Inc. - Selkirk solar glass manufacturing facility**

Community Planning has no concerns.

Thanks,

Breanne Jack, MCP
Community Planner
Community Planning Branch - Selkirk Manitoba Municipal Relations
Ph: (204) 785-5131
103-235 Eaton Avenue, Selkirk, MB, R1A 0W7

Memorandum

DATE: 2022-11-09

TO: Senior Environmental Engineering
Industrial and Wastewater Section
Environmental Approvals Branch
MB Environment, Climate and Parks
Winnipeg MB R3H 0W4

FROM: Archaeological Assessment Services Unit
Historic Resources Branch
Main Floor – 213 Notre Dame Avenue
Winnipeg, MB
R3B 1N3

FOR: Canadian Premium Sands Inc.
Selkirk, MB

T: (204) 945-2118 F: (204) 948-2384
e: HRB.archaeology@gov.mb.ca

SUBJECT: File 6137.00 - Selkirk solar glass manufacturing facility
AAS File AAS-22-19642
Canadian Premium Sands Inc.

No Concerns at this Time

Further to your e-mail regarding the above noted application, the Manitoba Historic Resources Branch (HRB) has examined the location in conjunction with Branch records for areas of potential concern.

The proponent submitting an advanced heritage screening, an heritage resource protection plan will be implemented, and no new heritage resources have not been reported since the initial screening.

The potential to impact to heritage resources is believed to be low based on analysis of current data and evaluated by the type of action proposed, therefore, the HRB has no concerns with the proposed project at this time. This evaluation is only appropriate for this respective request.

Legislation

Under Section 46 and 51 of the Heritage Resources Act (the Act), if at any time, heritage resources are encountered in association with these lands during testing and development, there is an obligation to report any heritage resources and a prohibition on destruction, damage or alteration of said resources. HRB may require that an acceptable heritage resource management strategy be implemented by the proponent/developer to mitigate the effects of their activity on the heritage resources. A copy of this legislation can be found at this address:

- <https://web2.gov.mb.ca/laws/statutes/ccsm/h039-1e.php>.

If you have any questions, please contact as above for proper assignment and queueing.

*Historic Resources Branch
Archaeological Assessment Services Unit*

DATE: November-02-2022

TO: Eshetu Beshada, Ph.D., P. Eng.
Environmental Engineer
Municipal and Industrial Section
204-250-1932
Eshetu.Beshada@gov.mb.ca

FROM: Hong Ji
Engineer - Building & Fire Codes,
Labour, Consumer Protection and
Government Services
Inspection and Technical Services
PHONE NO.: 204-945-3322
EMAIL: Hong.Ji@gov.mb.ca

SUBJECT: **Request for Environment Act Proposal Review - File 6137.00 -Canadian
Premium Sands Inc. - Selkirk solar glass manufacturing facility**

Afternoon Eshetu

The ITS has no comments or concerns for the above project.

Regards

Hong Ji, P.Eng. CBCO, FI-II
Building and Fire Safety Engineer
Inspection and Technical Services
Labour, Consumer Protection and Government Services
508-401 York Avenue Winnipeg, MB R3C 0P8
P: 204-792-2336
Hong.Ji@gov.mb.ca

DATE: November-02-2022

TO: Eshetu Beshada, Ph.D., P. Eng.
Environmental Engineer
Municipal and Industrial Section
204-250-1932
Eshetu.Beshada@gov.mb.ca

FROM: Brian Kiss
Habitat Mitigation and Wildlife
Lands Specialist, Natural
Resources and Northern
Development
Wildlife

PHONE NO.: 204-945-7764

EMAIL: Brian.Kiss@gov.mb.ca

SUBJECT: Request for Environment Act Proposal Review - File 6137.00 -Canadian Premium Sands Inc. - Selkirk solar glass manufacturing facility

No wildlife related concerns.

-Brian Kiss

DATE: October-28-2022

TO: Eshetu Beshada, Ph.D., P. Eng.
Environmental Engineer
Municipal and Industrial Section
204-250-1932
Eshetu.Beshada@gov.mb.ca

FROM: Zijian Wang
Aquifer Sustainability
Hydrogeologist, Environment,
Climate and Parks
Water Science and Watershed
Management

PHONE NO.: 204-945-8359

EMAIL: Zijian.Wang@gov.mb.ca

SUBJECT: Request for Environment Act Proposal Review - File 6137.00 -Canadian Premium Sands Inc. - Selkirk solar glass manufacturing facility

Morning Eshetu,

Groundwater management section (GMS) has reviewed the Environment Act Proposal – File 6137.00. The proposed project has no plan to install new production wells, and negligible impact to the groundwater. Therefore, GMS does not have concerns of this proposal.

Groundwater Management Section Acting manager: Zijian Wang

Thanks,

Zijian Wang, M.Sc., P.Eng
Aquifer Sustainability Hydrogeologist 18-200 Saulteaux Cres.
B R3J 3W3
Work (431) 374-4243

DATE: October-26-2022

TO: Eshetu Beshada, Ph.D., P. Eng.
Environmental Engineer
Municipal and Industrial Section
204-250-1932
Eshetu.Beshada@gov.mb.ca

FROM: Drinking Water – Approvals
Environment, Climate and Parks
Office of Drinking Water

PHONE NO.: NA

EMAIL: drinkingwater.approvals@gov.mb.ca

SUBJECT: **Request for Environment Act Proposal Review - File 6137.00 -Canadian Premium Sands Inc. - Selkirk solar glass manufacturing facility**

No concerns.

Office of Drinking Water (ODW)

Cory Vitt, P.Eng. M.Eng. CPPA(ing) CMMA (pronouns: they/them; please don't use "Mr. Vitt")

Acting Senior Approvals Engineer

Office of Drinking Water Environment, Climate and Parks 1007 Century Street

Winnipeg, Manitoba R3H 0W4

Cell: 204-806-1363

Email: Cory.Vitt@gov.mb.ca