

Environmental Health Program
Regulatory Operations and Enforcement Branch
Health Canada
9700 Jasper Avenue, Floor 09
Edmonton, Alberta T5J 4C1

August 06, 2025

Sarah Thacker
Project Manager, Prairie and Northern Region
Impact Assessment Agency of Canada
9700 Jasper Avenue, Floor 11
Edmonton, Alberta T5J 4C1

Submitted to the Impact Assessment Agency of Canada Registry

Health Canada's Comments on the Initial Project Description for the Josephburg Condensate Fractionation Project

Dear Sarah Thacker,

Thank you for your email on July 17, 2025, requesting Health Canada's review of the Initial Project Description (iPD) of the Josephburg Condensate Fractionation Project (the Project).

Health Canada (HC) participates in the impact assessment process as a federal authority under the Impact Assessment Act (IAA). HC makes available specialist/expert information or knowledge in their possession to reviewing bodies under the IAA, upon request. HC does not make decisions or issue licenses, permits, or authorizations in relation to the impact assessment of a development project. Based on the Project components and activities described in the iPD, HC's advice (in the attached Federal Authority Advice Record or FAAR form) pertains to potential non-negligible adverse effects on the health of Indigenous peoples in Canada.

Further, while not included as a key issue in Table 1, HC would note from its review that noise from construction and operations may lead to adverse health effects, particularly high annoyance, which is a strong indicator of noise-related health impacts. HC recommends:

- Using health-based parameters to assess noise impacts, including the percentage of highly annoyed individuals (%HA), in accordance with Health Canada's guidance for the planned noise assessment.
- If appropriate, conducting monitoring to investigate noise complaints and developing mitigations where technically and economically feasible.

For reference, HC has updated its series of guidance documents for assessing risks to human health from major resource and infrastructure projects in Canada. These documents present the principles, current practices, and information HC looks for when it reviews documents submitted by project proponents. It is recommended that the Proponent incorporate this guidance when designing baseline studies or conducting assessments of potential project-related impacts on human health.



- [Guidance for Evaluating Human Health Effects in Impact Assessment: Air Quality.](#)
- [Guidance for Evaluating Human Health Effects in Impact Assessment: Country Foods.](#)
- [Guidance for Evaluating Human Health Effects in Impact Assessment: Drinking and Recreational Water Quality.](#)
- [Guidance for Evaluating Human Health Effects in Impact Assessment: Human Health Risk Assessment.](#)
- [Guidance for Evaluating Human Health Effects in Impact Assessment: Noise.](#)
- *Interim Guidance: Health Impact Assessment of Designated Projects under the Impact Assessment Act, 2024.* Available at https://publications.gc.ca/collections/collection_2025/sc-hc/H129-134-2024-eng.pdf

Should you have any questions related to HC's comments, please contact the undersigned.

Sincerely,

Ayesha Sohail
Impact Assessment Specialist
Environmental Health Program (EHP) – Alberta Region
Regulatory Operations and Enforcement Branch (ROEB)
Health Canada
Phone #: 780-245-5793
Email: Ayesha.Sohail@hc-sc.gc.ca

CC:

Heather Jones-Otazo, Manager, Environmental Assessment and Contaminated Sites (EACS) Division, Healthy Environments and Consumer Safety Branch (HECSB), Health Canada

Brenda Woo, Regional Manager, EHP, ROEB, Alberta Region, Health Canada

Julie Anderson, Environment Senior Advisor, EACS, HECSB, Health Canada

Jordan Taylor, Environmental Assessment Coordination Specialist, EACS, HECSB, Health Canada

Attachments:

- 1) Josephburg iPD - Health Canada FAAR Response