

Base Mine Extension Project

Frequently Asked Questions

Topic of Interest	Suncor's Response
What steps are you considering to manage dust?	<ul style="list-style-type: none">• Dust management is an area where Suncor is proactive and has a lot of operating experience.• Suncor is currently monitoring dust deposition around the proposed project site to understand current baseline conditions.• Suncor will incorporate best practices used at our current operations (e.g., road watering, dust suppressants) in the project.
What steps are you taking to manage noise created by the project?	<ul style="list-style-type: none">• As part of the impact assessment for the project, Suncor will undertake a noise effects assessment for both the construction and operations phases to understand potential noise impacts and required mitigations.• Once operational, noise monitoring will take place at locations where predicted values have the potential to be close to or above provincially regulated noise levels.• Additional mitigation measures will be dependent on the noise source identified during monitoring. Mitigation could include equipment relocation, sound barriers or engine shrouding, low sound mufflers, and haul route relocation.
What steps are you taking to manage tailings?	<ul style="list-style-type: none">• Tailings management is a priority for Suncor, and we are committed to using world-leading practices to manage and reduce tailings.• Built upon the processes currently used in our Tailings Reduction Operations (TRO™), Suncor has developed permanent aquatic storage structure (PASS), a fluid tailings treatment process to significantly increase the amount of fluid tailings we can treat in a more sustainable manner.• PASS combines the TRO™ process with the addition of a coagulant to improve the quality of the water released from the treated fluid tailings. The treatment process allows Suncor to rapidly dewater the fluid tailings as the clay particles adhere to the flocculant, safely releasing most of the trapped water.• PASS shortens the reclamation timeline by ~10 years.
What steps will you take to reclaim the site?	<ul style="list-style-type: none">• Suncor is committed to progressively reclaiming the land we disturb.• Suncor will reclaim disturbed areas to equivalent land capability using best industry practices, knowledge and technology.• Our goal is for the landscape to achieve traditional, recreational and commercial end-land uses and provide similar levels of wildlife habitat as the pre-development condition.

Contact Information

If you have any questions, concerns or comments please reach out to our project team at:

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Additional information can be found on the project webpage at

www.suncor.com/en-ca/what-we-do/oil-sands/base-mine-extension

