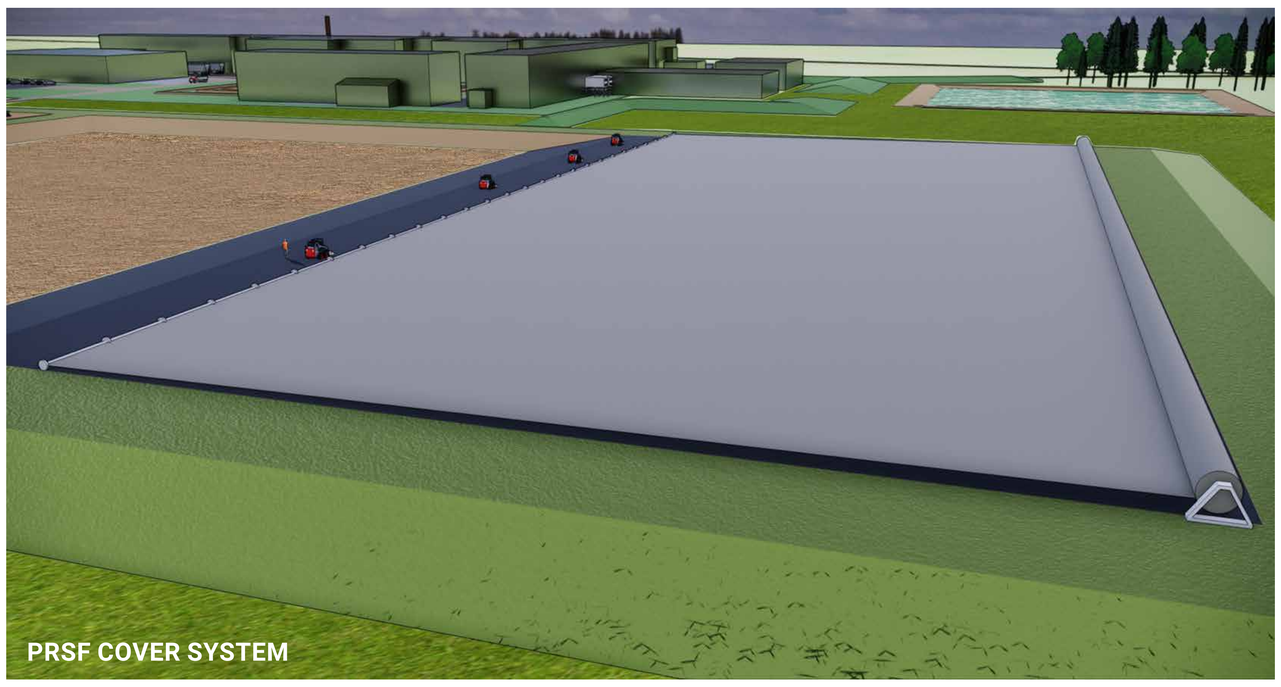
FORTUNE MINERALS LIMITED

Air Quality & Dust

AIR EMISSIONS MODELLING

- The proposed facility will generate air emissions from vents, unit heaters, boilers, vehicles/equipment, and the use of an emergency diesel generator
- Air emissions modelling was conducted to estimate maximum ground-level contaminant concentrations
- All estimated ground-level concentrations of contaminants outside of the property fence line are below regulatory ambient air quality objectives
- The facility will utilize a variety of mechanisms and processes to control air emissions including bag houses (fabric filters), demisters (filters vapours), and air scrubbers
- Air emissions monitoring will be conducted to confirm predictions and ensure regulatory compliance

"Fortune Minerals will be required to report all air, dust, and greenhouse gas emissions to the provincial and federal government on an annual basis during operation."



PRSF COVER SYSTEM

DUST

- Dust emissions may result from the movement of vehicles and heavy equipment
- Dust fall monitoring was conducted to establish baseline dust conditions
- Fortune Minerals has committed to paving the section of Shultz Road from Highway 305 to the property line
- The process residue will have limited dust emissions due to its high (approximately 31%) moisture content
- Additional dust controls will be in place to minimize emissions, including:
  - A retractable cover within the active cell
  - Wind baffles
  - Operational procedures (e.g. limit residue handling during high winds)
- Once a containment cell is filled with residue, the "store and release" cover system will be constructed to cap the cells and prevent dust emissions, limit oxygen and water ingress, and support re-vegetation
- An independent laboratory tested the residue for asbestos, and determined the residue is not considered to be an asbestos-containing material
- Monitoring on and off site will be used to demonstrate dust suppression. The monitoring plan will be revised as required with input from the community monitoring group