

Gunnar Mine Rehabilitation Project







Open House

We're here for your input and feedback!

Grab a cup of coffee or a refreshment and let's talk about your thoughts, concerns, and opinions.

Please feel free to talk directly to any of the staff members, or fill out and leave a comment sheet.

Everyone is welcome to attend. Please sign in!

Hosted by the Saskatchewan Research Council (SRC) and AECOM.













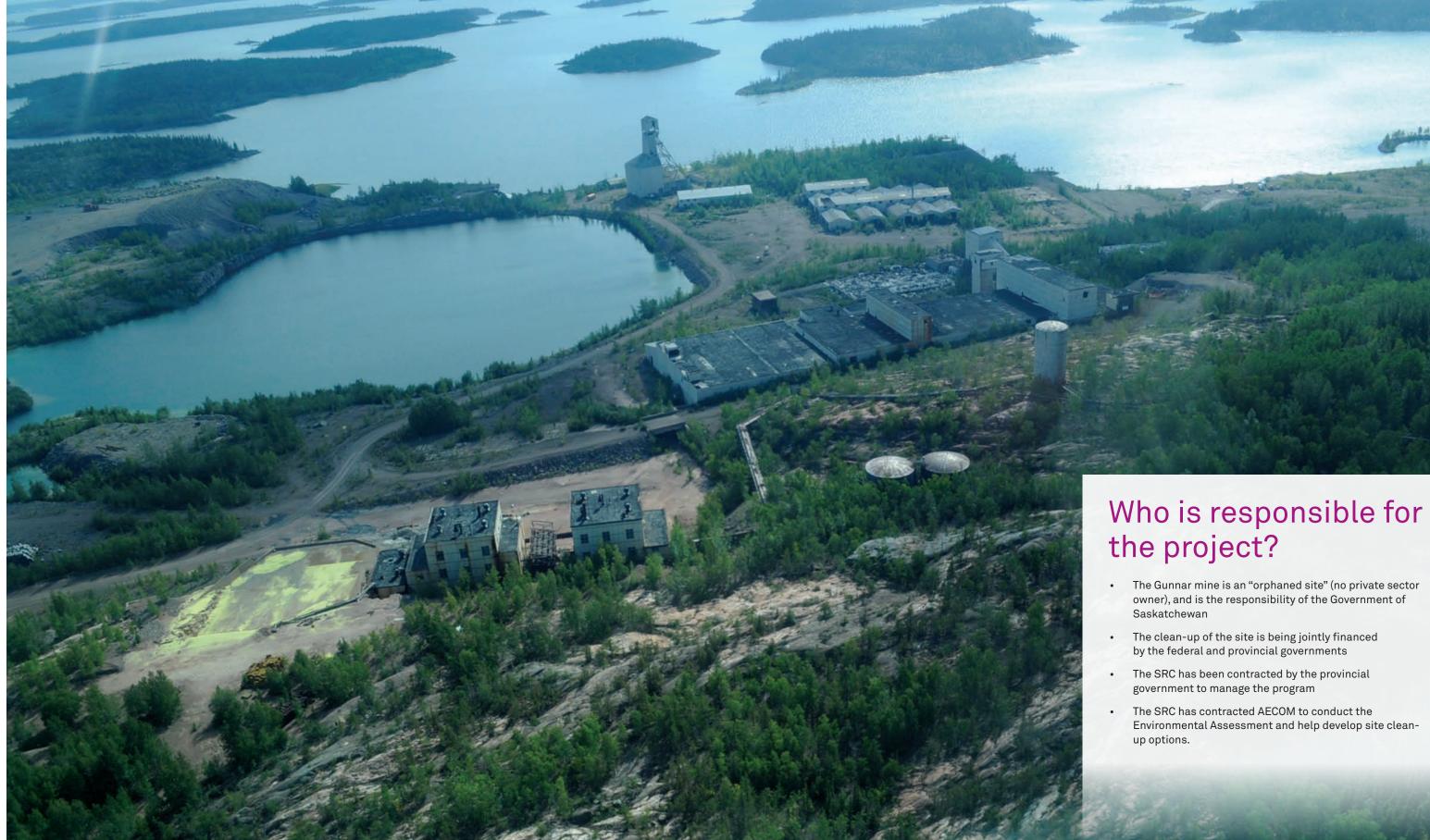




What is the Gunnar Remediation Project?

- The Gunnar Mine and Mill was closed in 1964 with very little clean-up the pit was flooded, shaft covered with concrete, and mine site abandoned.
- There are a number of safety and environmental issues that need to be addressed.
- Project goal is to reduce the potential for public health and safety issues and reduce risk to the environment.
- The SRC and AECOM are developing a clean-up and closure plan, which must be accepted by government regulators and local communities prior to implementation.

















Gunnar Mine Site Industrial History

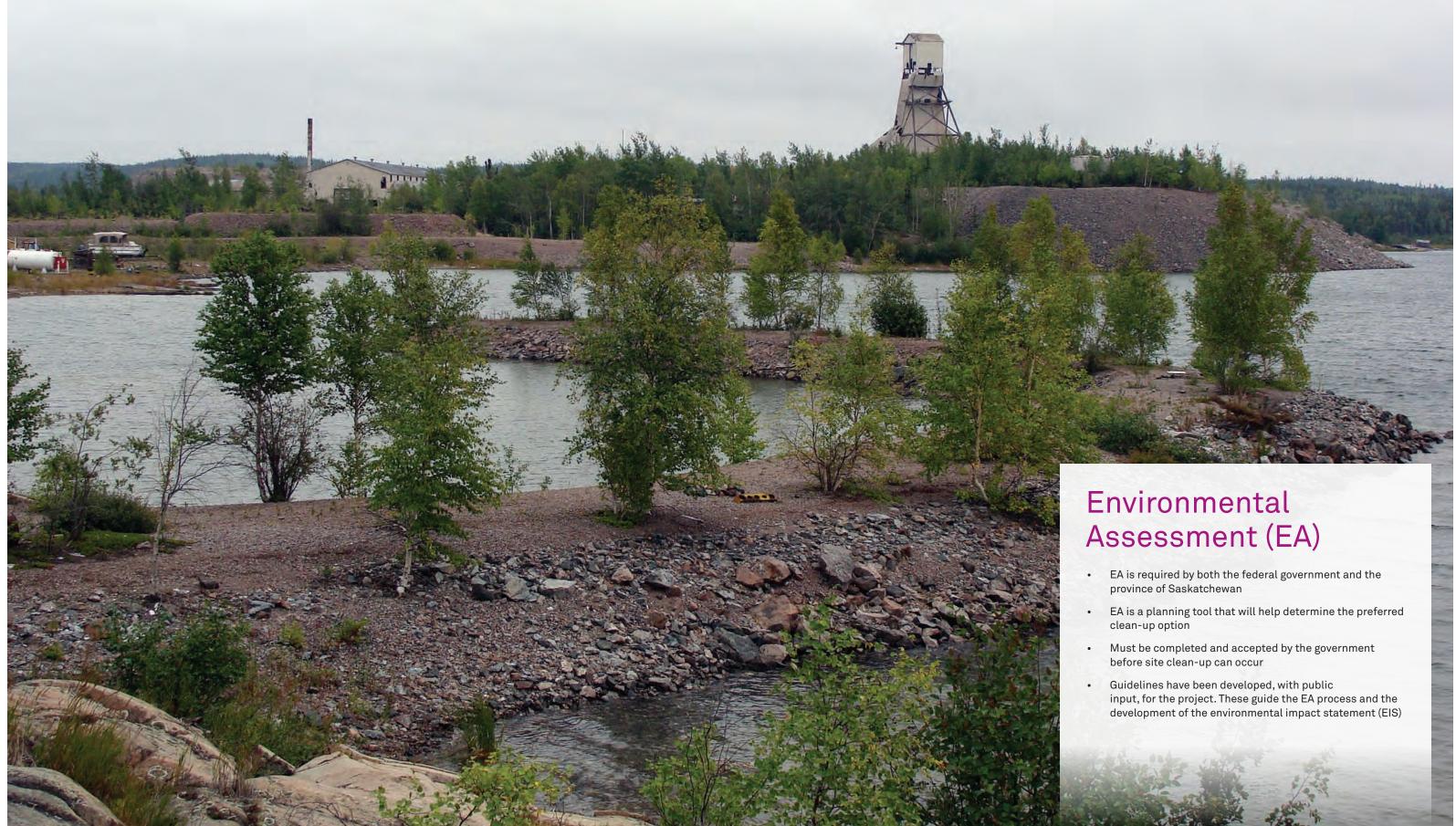
Mining History

- The former Gunnar uranium mine operated from 1953 to 1964
- A total of 8.3 million tons of rock were mined
- Initially started as open pit mine
- A 600 m deep vertical shaft was sunk
- Underground mining started in 1957
- Underground operations were connected to open pit through large hole in side of pit wall

Post-Mining History

- Site abandoned, materials taken from site
- Commercial fish plant operated at site
- Recognized as a contaminated site
- Many environmental studies have been conducted at the site













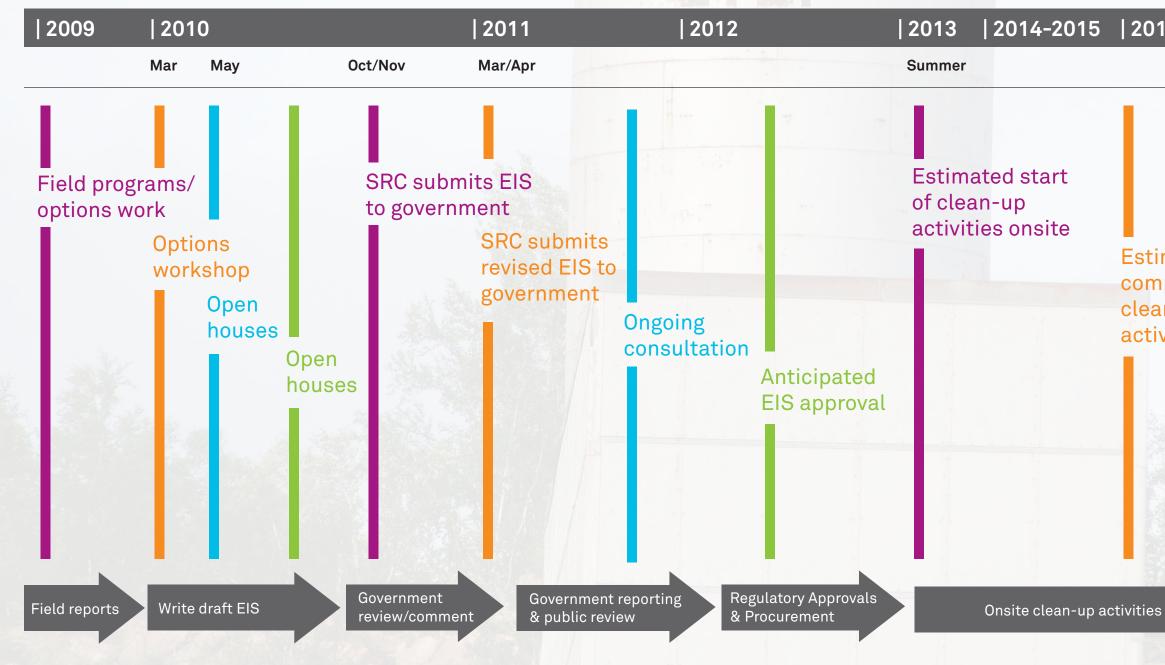




lumans	human health and socio-economic studies
hysical Land	gamma radiation, radon gas soils, vegetation, wildlife
Air	wind-blown tailings, dust
Water	fish, surface water, and groundwater
TK	Traditional Knowledge
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Project Schedule



GUNNAR





2016

Beyond 2016

Estimated completion of clean-up activities

Ongoing monitoring and adaptive management

Monitoring and adaptive management

















What jobs and training are and will be available?

SRC will liaise with the Northern Labour Market Committee, to identify employment and training opportunities related to the CLEANS Project

Contracts will emphasize the need to include employees from Athabasca Basin.

Activities include:

Pre Clean-up (2010-2011)

Radiation monitoring Environmental assessment Radon monitoring Water sampling

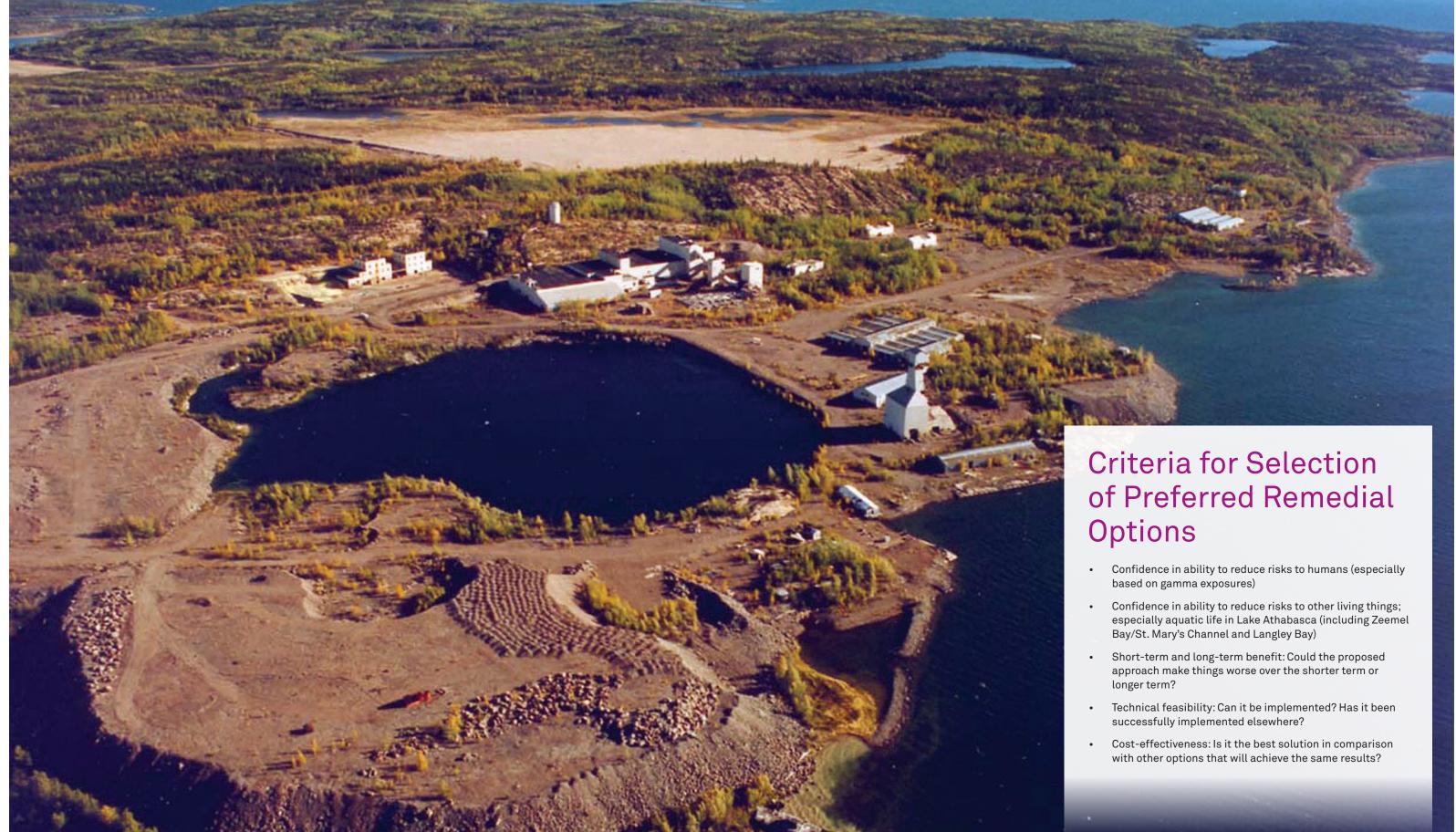
Clean-up (2013- 2015)

Excavation/earth moving
Building demolition
Asbestos removal/disposal
Field camp support
Transportation services (air, water, land)

Post Clean-up (2016 - ongoing)

Water sampling Radon monitoring Ongoing site inspections

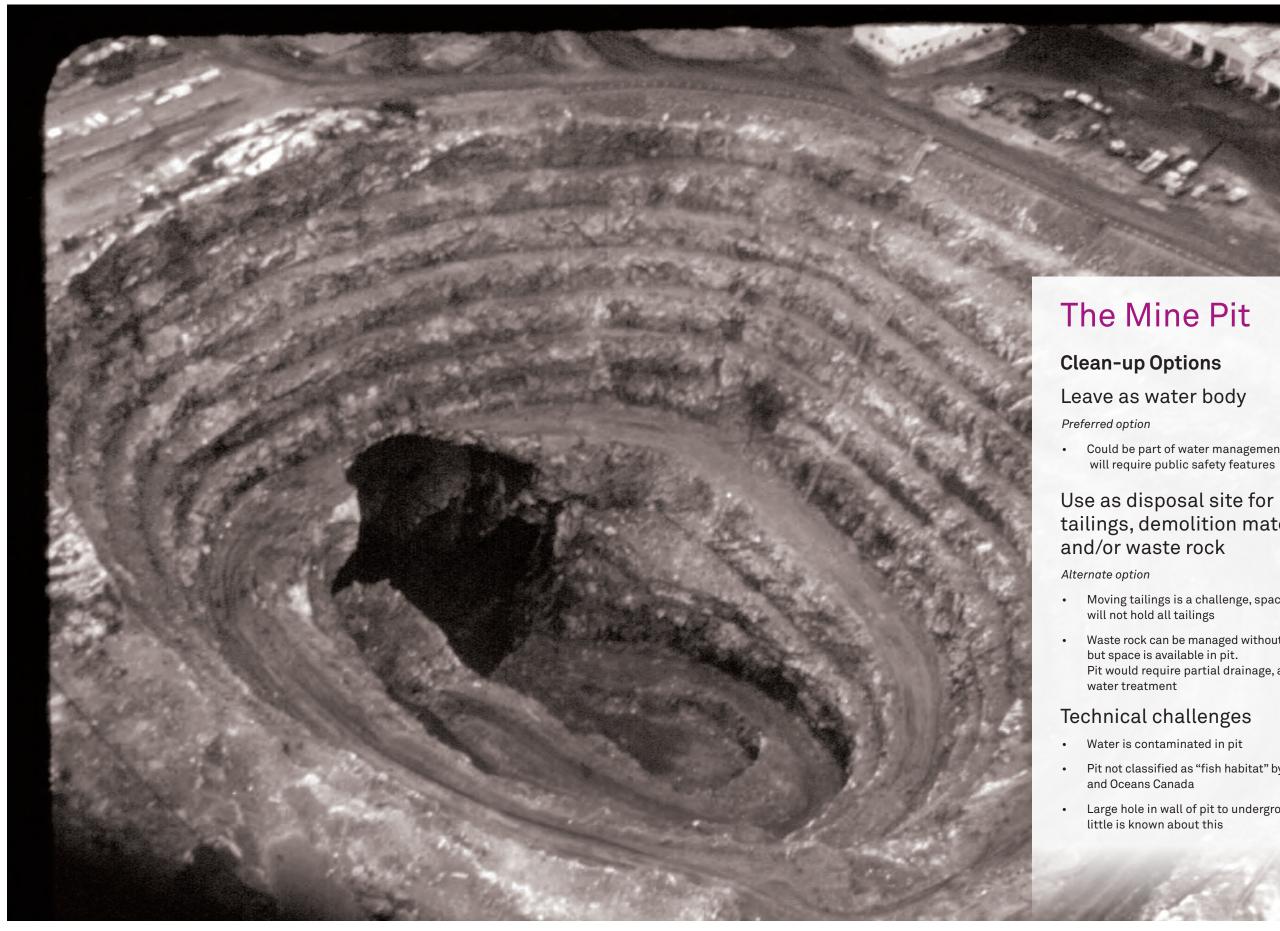
AECOM

















Could be part of water management program,

tailings, demolition materials,

Moving tailings is a challenge, space in pit will not hold all tailings

Waste rock can be managed without moving, Pit would require partial drainage, and

Pit not classified as "fish habitat" by Fisheries

• Large hole in wall of pit to underground mine,



