Faro Mine Remediation Project
Projet d'assainissement de la mine Faro

The Faro Mine Legacy

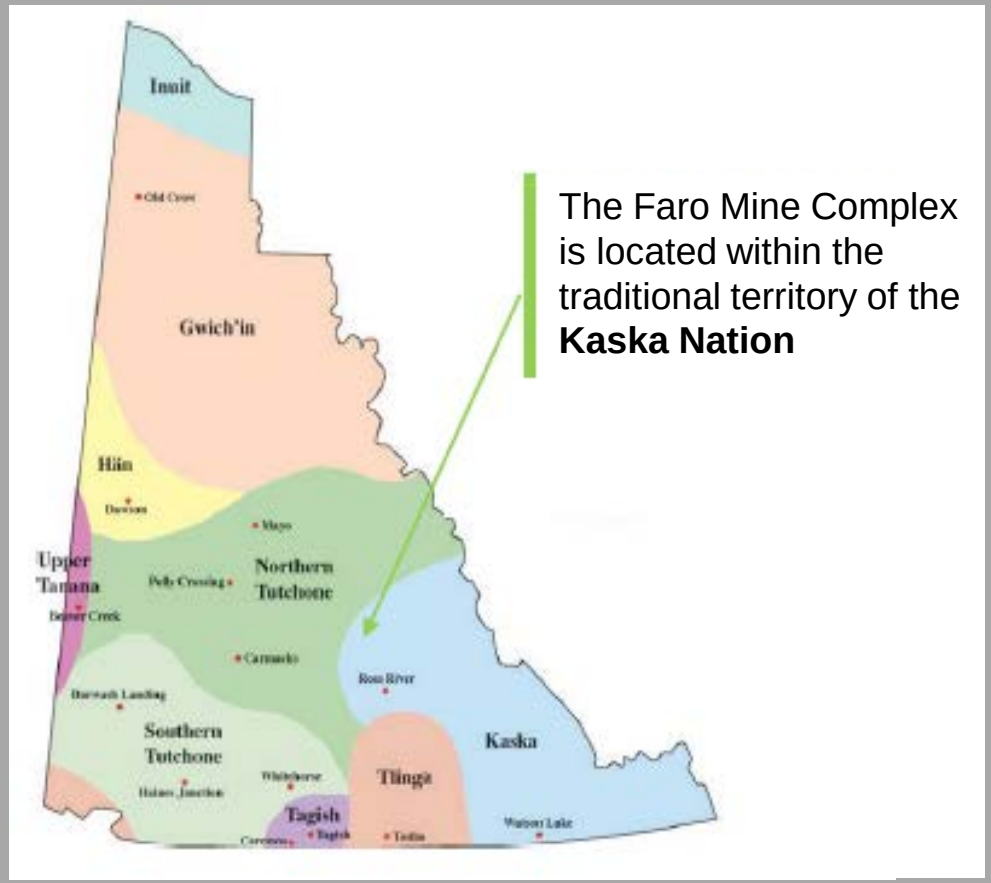
70 million tonnes of tailings and 320 million tonnes of waste rock

Presented at NLMRW - September 2018

Presentation Outline

- Site Overview
  - History
  - Layout
  - Current Conditions
- Closure Plan Concepts
  - Diversions
  - Stabilize and Vegetate Landforms
  - Water Collection and Treatment
- Post-Closure Requirements
- Questions

Faro Mine Complex History



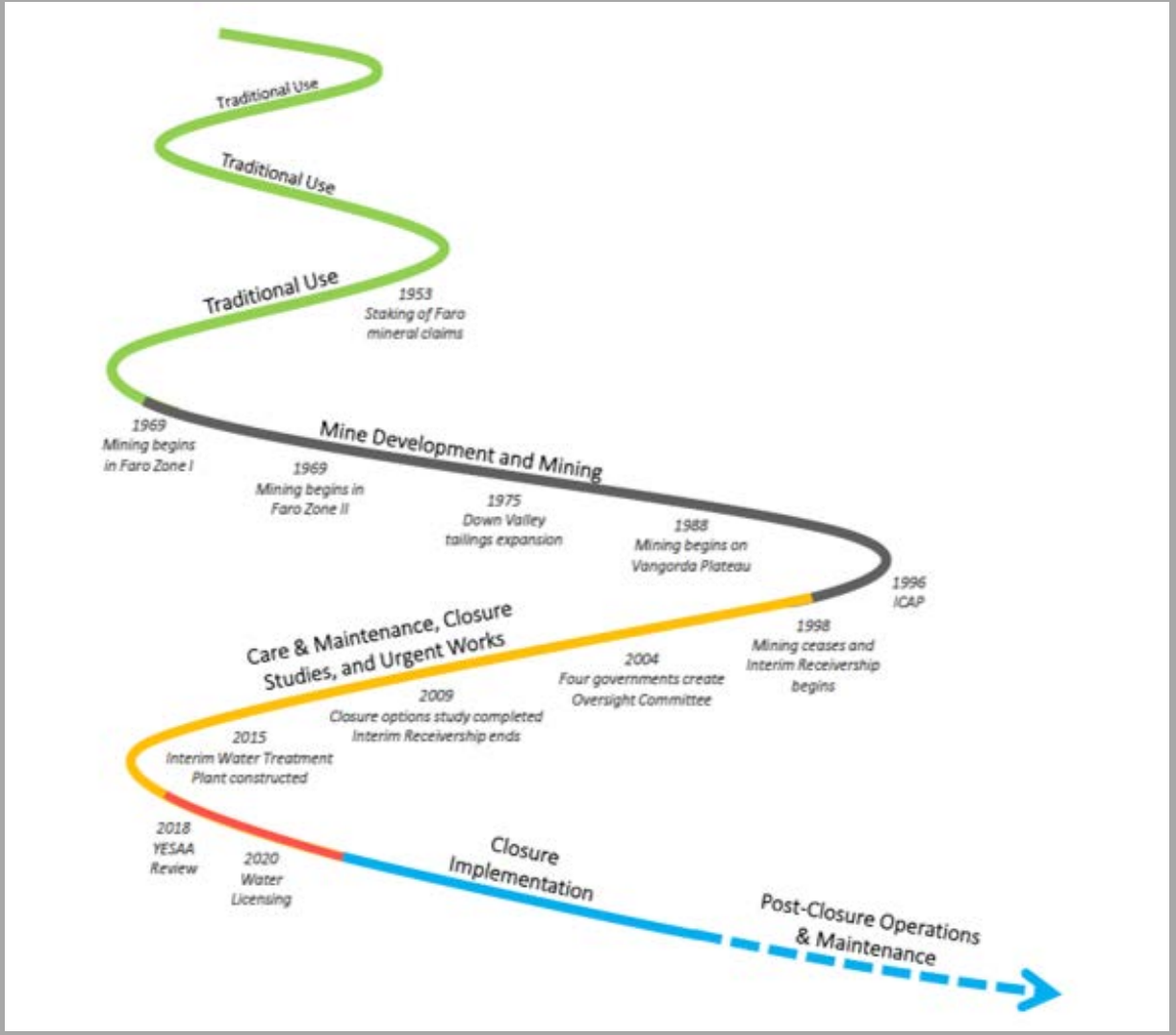
The Faro Mine Complex is located within the traditional territory of the **Kaska Nation**

Faro Mine Complex History

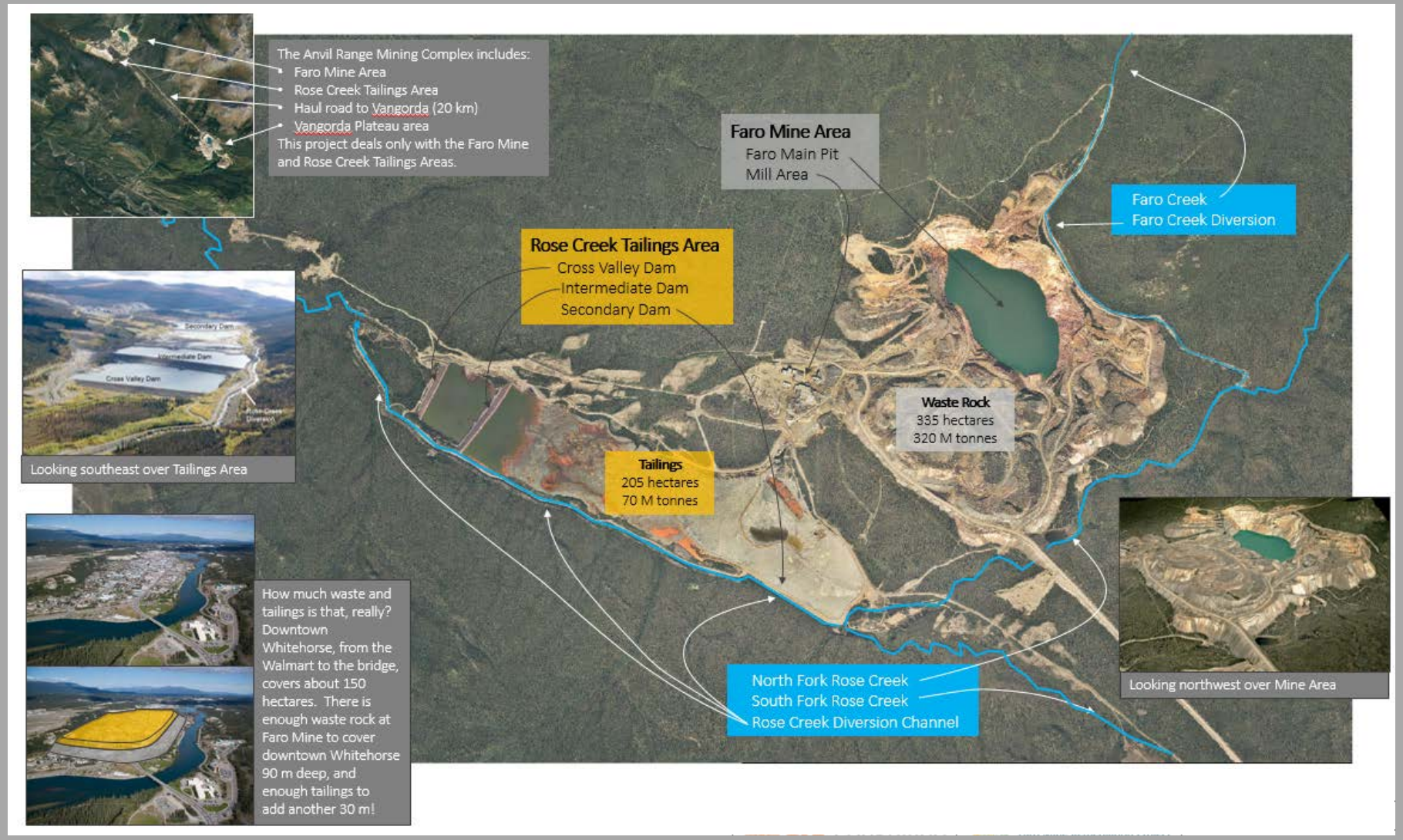
Water from the site flow to the Pelly, River, which then flows into traditional territory of the **Selkirk First Nation**

The Town of Faro, established in 1968, now has about 400 residents

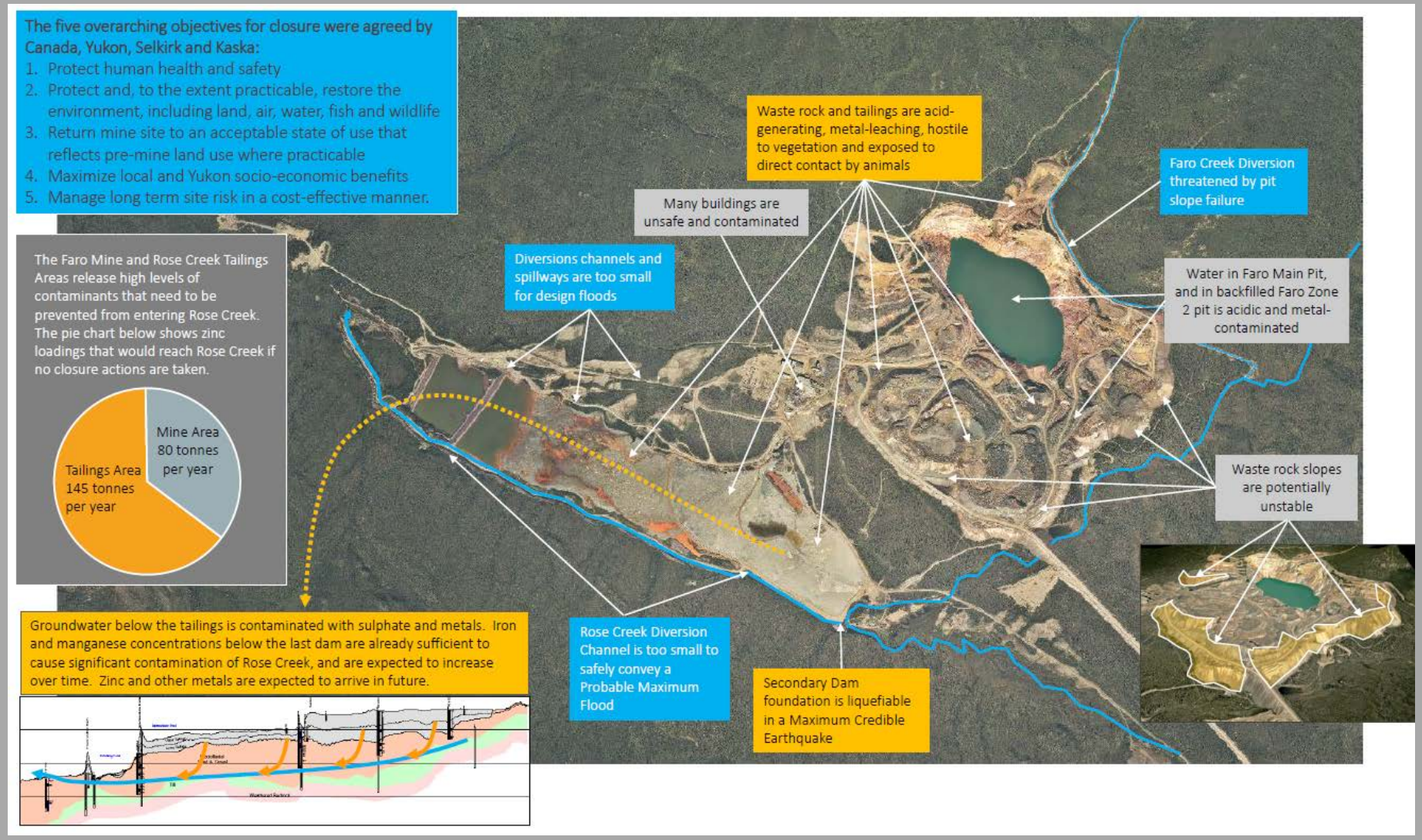
Faro Mine Complex History



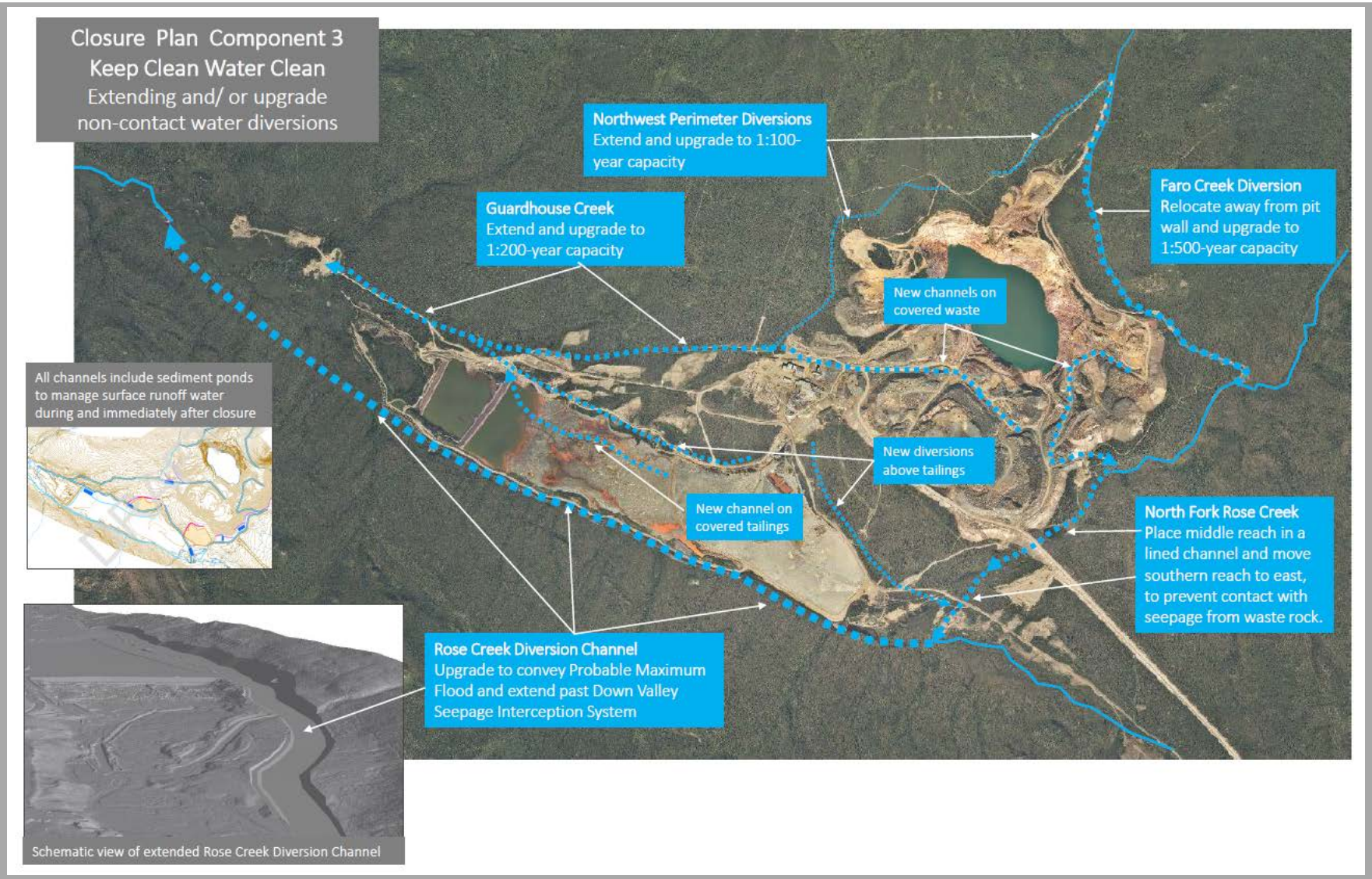
Faro Mine Complex – Site Layout



Faro Mine Complex – Current Conditions



Closure Plan – Diversions



Closure Plan – Stabilize and Revegetate Landforms

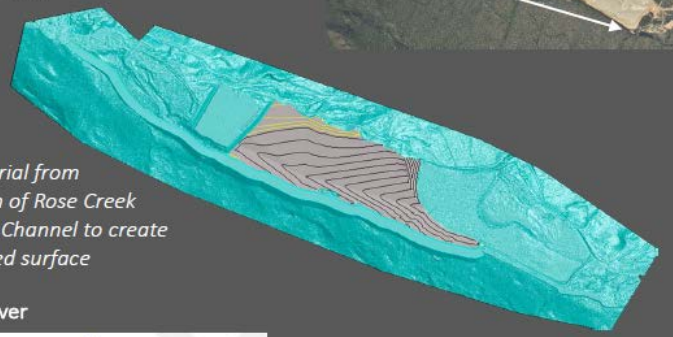
Closure Plan Component 2
Stabilize and Revegetate Landforms
Re-shape, cover, revegetate and establish surface drainage on waste rock and tailings

Rose Creek Tailings Area

1. Stabilize dams

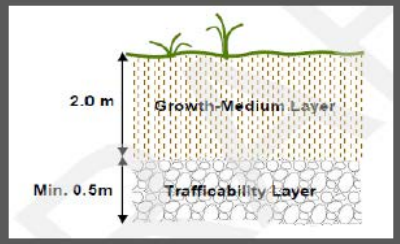
Add buttress to Intermediate Dam
Blast densify foundation of Secondary Dam

2. Landform surface



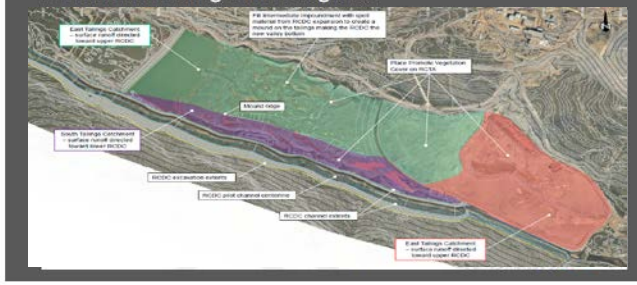
Use material from expansion of Rose Creek Diversion Channel to create a mounded surface

2. Construct cover



Cover all tailings surfaces. Profile is designed to support vegetation growth

3. Establish drainage and revegetate



Include expansion of Intermediate Dam spillway to convey local PMF

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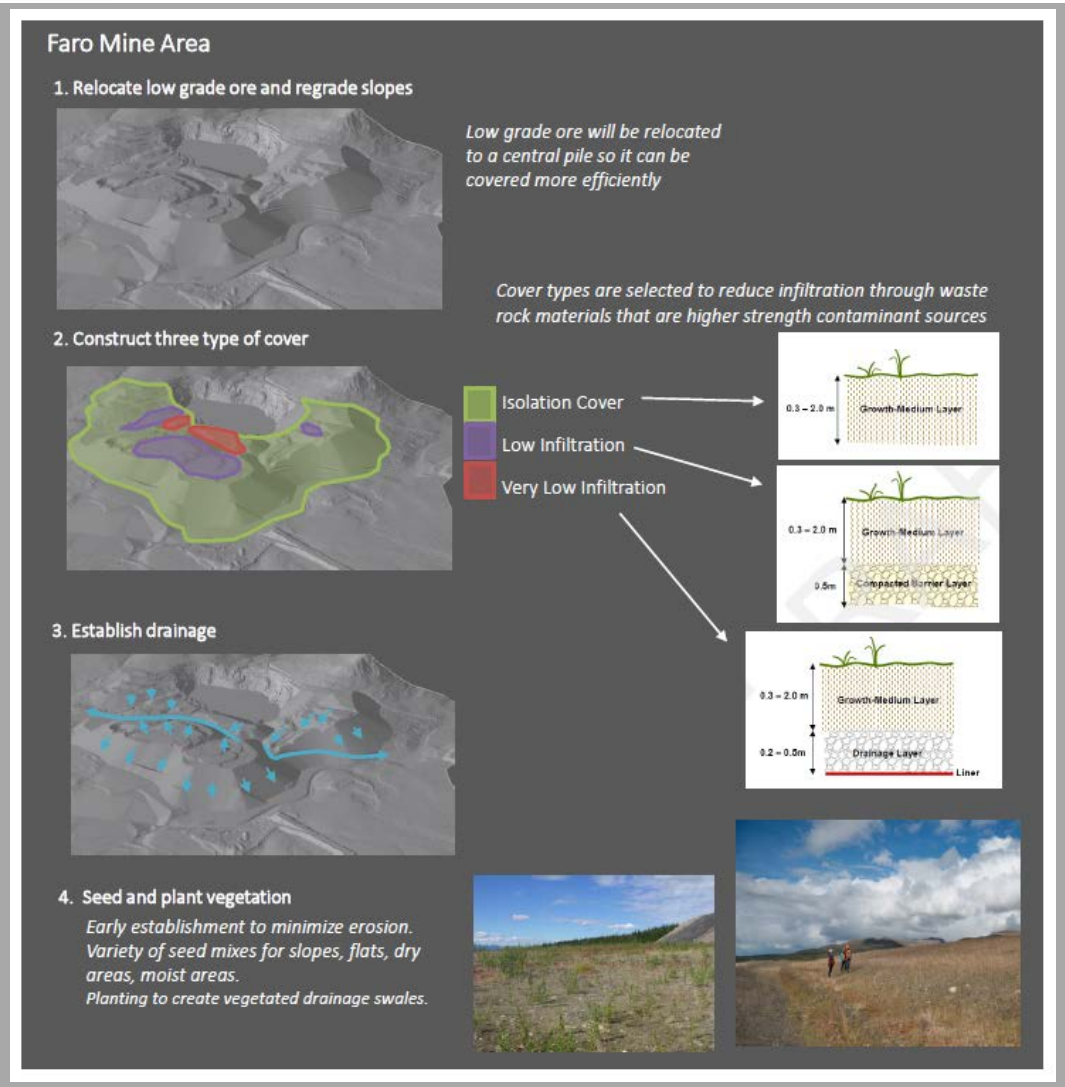
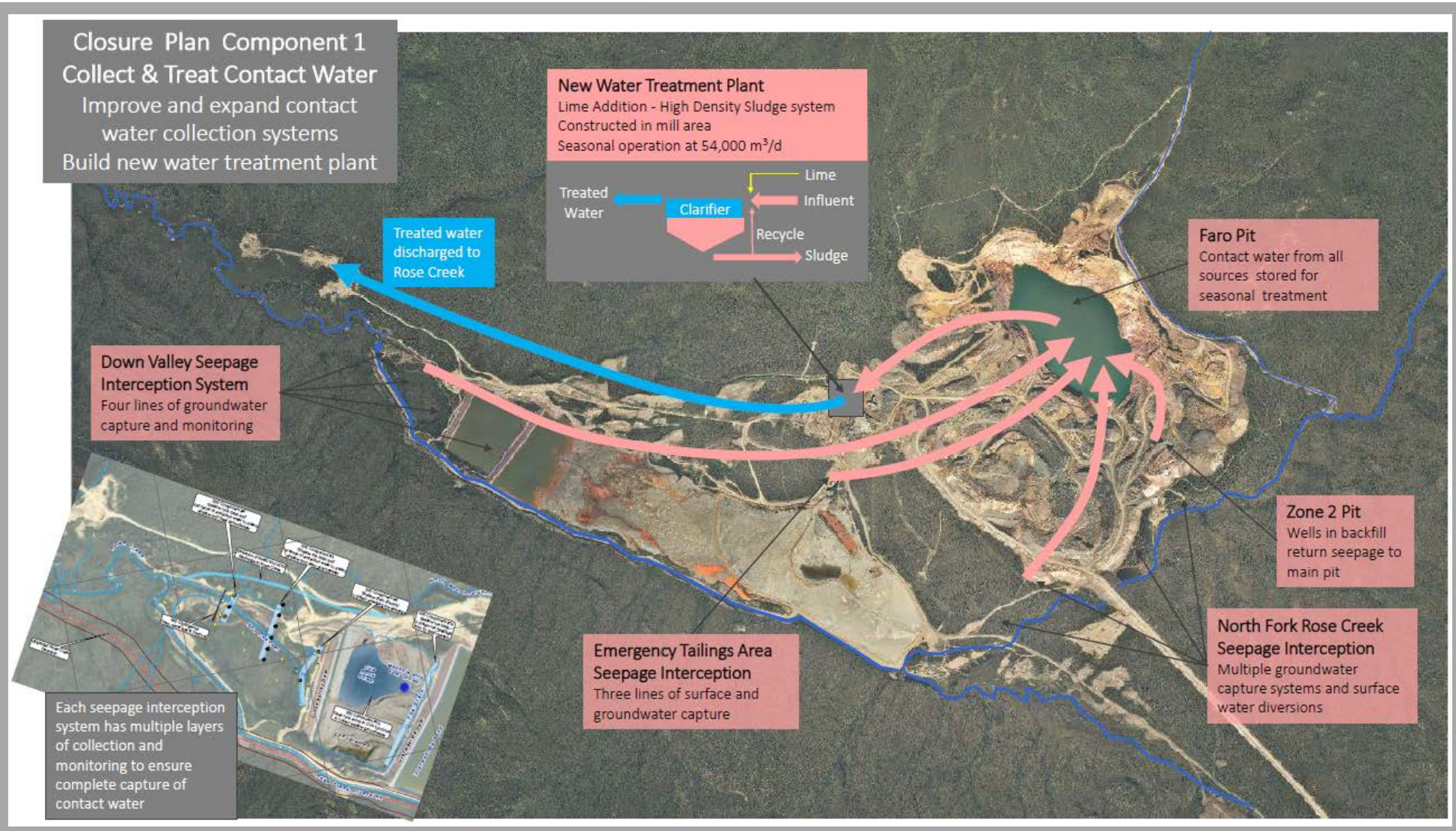
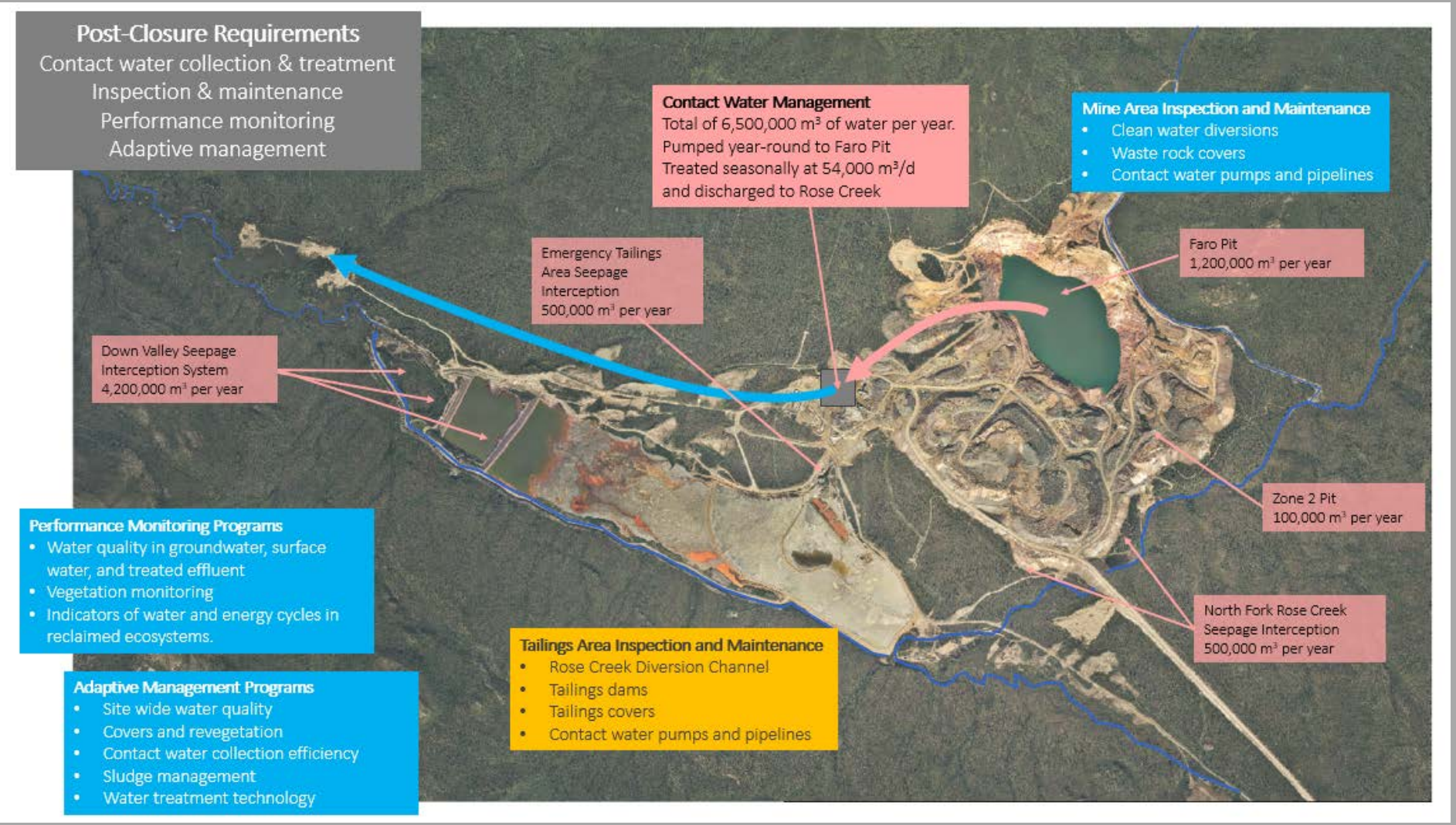


Closure Plan – Water Treatment and Collection



Post-Closure Requirements



Thank you and questions?