



JULY 2025

KELIBER TAILINGS STORAGE FACILITY

DETAILS OF TAILINGS STORAGE FACILITY

Tailings Storage Facility (TSF) Name

Keliber TSF Complex including:

- Flotation TSF
- Arsenic Pre-float TSF
- Magnetism Pre-Float TSF
- Recirculation Water Pond

Operation

Keliber

Operational Status

Undergoing construction, planned completion Q4 2025

Operating region

Europe

Location

Finland

Latitude, Longitude

63.6389°, 23.8502°

Ore Source

Lithium

Type of Storage Facility

Downstream engineered embankment

Deposition Methodology

Spigot

Year of Commissioning

Scheduled Q3 2026

Consequence Classification (GISTM, 2020)

High (First embankment raise)

Operating Contractor

Internal team with appropriate level of experience

Design Engineer of Record

Afry

Engineer of Record (EoR)

To be confirmed prior to commissioning

Current Maximum Height (m)

Between +82.5m and +89m (TSF base structure above sea level)

Final Maximum Height (m)

+98,8m (final embankment raise above sea level)

Deposition rate (tons/month)

60 000

Life of TSF (years)

18



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ACCOUNTABILITY



RESPECT



ENABLING



SAFETY

TECHNICAL ASPECTS:

Adopted Factor of Safety (FoS)	International Council on Large Dams (ICOLD) Bulletin 194 (September 2022), Australian National Committee on Large Dams (ANCOLD, July 2019)
Stability Assessment and Mitigation Measures (if applicable)	Stability assessments undertaken by Afry, as part of the design and permitting
Dam Breach Assessment	Preliminary Afry, TBC H2/2026
Area of Inundation	Preliminary 125-150 m from the TSF
Summary of Human Exposure	The inundation of the tailings first stage does not extend to the concentrator. Tailings risk assessment for the final raise is to be undertaken H2/2026.

DOCUMENTATION:

OMS Manual	Work in progress
Dam Safety Review (DSR)	N/A
Design Basis Report (DBR)	Work in progress
Environmental Management Programme (EMPr)	Keliber environmental guidelines 1/2024, Environmental reporting guidelines in progress

SURVEILLANCE

Surveillance Frequency

To be specified in the OMS Manual

Surveillance Technology

To be confirmed

Phreatic Surface Levels & Pore Pressure Measurements

TSF is still under construction

RISK MANAGEMENT / EMERGENCY PREPAREDNESS:

Risk Assessment

Failure Mode Analysis

Risk Management

Site specific OMS

Site Specific Emergency Preparedness & Response Plans (EPRP)

Work in progress

CLOSURE & POST CLOSURE

Closure Planning

Detailed closure design to be undertaken

INDEPENDENT REVIEWS

Senior Technical Independent Reviewer

To be confirmed



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Figure 1: Rapasaari Mining Lease Area



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