



Operation, Maintenance, and Surveillance Manuals for Tailings Management Facilities

Eramet Comilog
Moanda, Gabon

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Project fees :
29 800 Euros

Project description

The project involves the development and implementation of operation, maintenance, and surveillance (OMS) activities for all COMILOG tailings management facilities. The OMS manuals aim to implement a tailings management plan, meeting performance objectives and managing risk for each TSF.

Key data

Bangombé mine TSF

- Stored tailings : Non-hazardous fine slimes to 15% solid
- 12 ponds : 10 ha / pond, embankment high: 12 m, storage capacity : 1 Mm³ / pond

Industrial complex TSF

- Pond :
 - Stored tailings : Non-hazardous fine slimes to 5% solid
 - Embankment high : 29 m
 - Storage capacity : 5,8 Mm³
- Dumps
 - Stored tailings : Sterile, non-hazardous fine sands
 - 4 dumps, total storage capacity : 22 Mm³

Metallurgical complex TSF

- Stored tailings: Hazardous solid waste
- 3 lined dumps : Total area : 10,4 ha, total storage capacity : 366 300 m³

Scope of work

- OMS Governance
- Tailings Facility Description
- Operation
 - Performance Objectives
 - Operating Procedures
- Maintenance
 - Description of Maintenance activities
 - Documentation associated with maintenance
- Surveillance
 - Design considerations for a surveillance program
 - Surveillance activities: site observation and inspections, and instrument monitoring
- Linkages with the emergency response plan

