

TAILINGS MANAGEMENT



AngloGold Ashanti's approach to tailings management

We consider the management and governance of our Tailings Storage Facilities (TSF's) throughout their life cycle, from design to closure and post-closure. Ensuring that our TSFs are responsibly managed is crucial to maintaining our licence to operate.

Our tailings management system is designed to ensure that risks are identified, recorded and mitigated. Our management approach incorporates mechanisms for reporting risks and tracking mitigation measures with communication delivered to all levels within the business. Our board and executive members are kept informed of the status of our TSFs through regular reporting.

We manage 27 TSFs, with 20 active TSFs (eight of which are receiving filtered tailings) and seven inactive (dormant) TSFs. Detailed information relating to each of our TSFs is disclosed on our [website](#).

What are tailings?

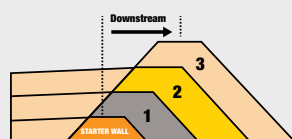
Tailings are the residue which remains after extracting minerals and metals from mined ore. The tailings can either take the form of a slurry - comprising milled ore, water, trace quantities of metals and additives used in processing - or a filtered cake, where water has been extracted from the tailings.

If not carefully managed, tailings not only pose a risk to ecosystems through the contamination of water and soil but can also endanger the lives of employees and communities. Tailings are therefore placed into engineered and actively managed facilities. Tailings can also be used as a backfill to support underground mine infrastructure.



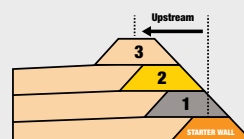
Types of tailings construction methods

TSFs follow one of three wall construction designs:



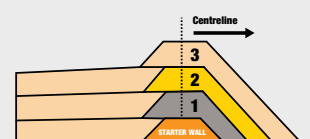
Downstream:

Crest moves further downstream as the wall is raised



Upstream:

Crest moves further upstream as the wall is raised



Centreline:

Crest remains in the same spatial location as the wall is raised

Tailings management framework

A comprehensive framework sets the principles, standards and guidelines for the construction, management and oversight of our TSFs, which:

Focuses on the sound management of all phases of the TSF lifecycle including planning, design, construction, monitoring and corrective action.

Recognises that each TSF is unique and that there is no single design or operating technique that can be adopted universally.

Allows for each TSF to have specific, detailed elements covered in site-specific operations manuals.

Our TSF review and oversight system

Our TSFs are designed and built to a rigorous set of requirements and standards and are carefully managed and monitored through a four-layered assurance system by a team of internal specialists and independent external experts

- ▶ **1. Operational management**
 - A TSF operator/superintendent manages the day-to-day operations at the TSF
 - A process or geotechnical manager is responsible for implementing requirements of the TSF operating manual
- ▶ **2. Business Unit management**
 - Provide technical guidance to operations
 - Monitor implementation of recommended actions
- ▶ **3. Corporate management**
 - Custodian of Tailings Management Framework
 - Conduct formal TSF audits annual or biennially
 - TSF review for projects and for mergers and acquisitions
- ▶ **4. Independent Review**
 - Independent tailings facility review per the Global Industry Standard on Tailings Management

We have appointed Engineers of Record and have established Independent Tailings Review Boards (ITRBs) at all our operations.

We are also developing a companywide TSF monitoring portal and have successfully initiated the use of interferometric synthetic aperture radar (InSAR) satellite technology for TSF displacement monitoring. The use of drones for survey and imaging is being implemented across all of our operations.

Working to implement the Global Industry Standard on Tailings Management

Through our membership of the International Council on Mining and Metals (ICMM), we are committed to implementing the *Global Industry Standard on Tailings Management* (GISTM).

This global standard emphasises community engagement, governance and independent review. AngloGold Ashanti has a well-developed TSF management system which places us in a strong position to conform with the GISTM.

The standard comprises six topics areas:

