

TAILINGS STORAGE FACILITY POLICY

Predictive Discovery Ltd (ACN 127 171 877)

1. Introduction

Predictive Discovery Limited (“**Predictive**” or the “**Company**”) is committed to the safe, responsible, and sustainable management of mining-related waste, including tailings and waste rock, across all of its operations. Tailings Storage Facilities (“**TSFs**”) are critical infrastructure, and their integrity is essential to protecting people, the environment, and the long-term viability of the Company’s operations.

The Company adopts a zero-harm objective for tailings management, with zero tolerance for human fatality.

1.1 Risk Awareness

The Company recognises that TSF failure can result in severe consequences, including environmental damage, impacts to communities and infrastructure, and, in extreme cases, catastrophic loss of life. Accordingly, TSF safety is treated as a material risk requiring the highest levels of technical rigor, governance, and oversight throughout the full life cycle of each facility.

1.2 Accountability and Oversight

Primary accountability for the day-to-day management of TSFs rests with site operations teams, while the Company’s Executive team maintains overarching oversight. Ultimate governance responsibility for tailings management resides with the Board of Directors.

1.3 Standards and Commitments

Predictive aligns its TSF governance and management practices with leading international standards and industry guidance, including the Global Industry Standard on Tailings Management (GISTM) and guidance issued by the Australian National Committee on Large Dams (ANCOLD). The Company is committed to implementing these principles in a manner appropriate to site-specific conditions and risk profiles.

2. Operational Management

Predictive adopts a risk-informed approach to tailings management, supported by comprehensive surveillance and monitoring programs across all TSFs. Tailings are a by-product of mining, consisting of fine-grained material remaining after the extraction of valuable minerals. Effective tailings management throughout the full mine life cycle is essential to minimizing environmental, operational, and safety risks.

Active TSFs are subject to routine inspections, annual audits, and independent external design reviews. Surveillance programs collect critical geological, geotechnical, hydrological, and structural information to enable early identification of potential deterioration or instability.

Safety considerations are prioritized throughout all phases of the TSF life cycle, including project conception, planning, design, construction, operation, closure, and post-closure. This includes careful consideration of proximity to employees, local communities, infrastructure, and site-specific geological and environmental conditions.

All TSF-related matters, including design parameters, technical data, analyses, construction methodologies, quality assurance and quality control processes, and operational procedures, must comply with applicable laws, regulations, and safety codes of practice, as well as ANCOLD guidance and other relevant regulatory or industry requirements.

TSF management is integrated within the Company's broader site management and governance systems. External design engineers are engaged for each TSF, and independent reviews are conducted by appropriately qualified experts. Additional technical assurance is provided through internal specialists, supported where necessary by external consultants.

The Company's risk-informed approach to sustainable tailings management includes the following operating practices:

- Site-specific operational controls, surveillance, and monitoring programs
- Technical and operational support from internal subject matter experts
- Design oversight, operational support, and risk review by an external Engineer of Record
- Regular inspection, independent review, and reporting by qualified third-party experts
- Board-level oversight of tailings-related risks

The Company is committed to the continual review of its TSFs and associated procedures to maintain the highest practicable safety standards. By incorporating industry lessons learned and peer experience, the Company promotes continuous improvement and adopts the most appropriate approaches to performance and risk management.

2. Purpose

This Policy sets out Predictive's commitment to the safe, sustainable, and responsible design, operation, and management of Tailings Storage Facilities throughout the life cycle of its mining operations.

3. Scope

This Policy applies to all Company employees, directors, officers, contractors, and business partners working at Predictive-owned and managed sites that operate TSFs (collectively, Company Stakeholders). The Company strongly encourages all entities in which it holds an interest to act in a manner consistent with the intent and principles of this Policy.

4. Governance, Accountability and Oversight

4.1 Governance Responsibility

Ultimate responsibility for TSF governance and oversight rests with the Board of Directors. The Board delegates specific oversight responsibilities to the Sustainability Committee and the Audit & Risk Committee.

4.2 Management Accountability

Primary accountability for the day-to-day management of TSFs rests with site operations teams. The Company's Executive team maintains overarching oversight to ensure alignment with this Policy, applicable standards, and risk management expectations.

4.3 Leadership Responsibilities

Leaders at all levels are responsible for communicating this Policy, ensuring its implementation, and fostering a culture of continuous improvement, learning, and risk awareness in relation to tailings management.

5. Tailings management framework

5.1 Lifecycle-Based Management

The Company manages TSFs across their full life cycle, including project conception, planning, design, construction, operation, closure, and post-closure. Safety considerations are prioritized at each stage, taking into account proximity to employees, communities, infrastructure, and site-specific geological and environmental conditions.

5.2 Operational Management

The Company adopts a risk-informed approach to tailings management, supported by comprehensive surveillance and monitoring programs across all TSFs. Tailings are a by-product of mining, consisting of fine-grained material remaining after the extraction of valuable minerals, and require disciplined management to minimize environmental, operational, and safety risks.

Active TSFs are subject to routine inspections, annual audits, and independent external design reviews. Surveillance programs collect critical geological, geotechnical, hydrological, and structural information to enable early identification of potential deterioration or instability.

All TSF-related activities, including design parameters, technical data, analyses, construction methodologies, quality assurance and quality control processes, and operational procedures must comply with applicable laws, regulations, and safety codes of practice, as well as ANCOLD guidance and other relevant regulatory or industry requirements.

5.3 Technical Assurance

External design engineers are engaged for each TSF, and independent reviews are conducted by appropriately qualified experts. An external Engineer of Record provides design oversight, operational support, and risk review. Additional technical assurance is provided through internal specialists, supported where necessary by external consultants.

5.4 Risk Management and Continuous Improvement

The Company's risk-informed approach to sustainable tailings management includes:

- Site-specific operational controls, surveillance, and monitoring
- Internal technical and operational expertise
- Independent review and reporting by qualified third parties
- Board-level oversight of tailings-related risks

The Company continually reviews its TSFs and management practices, incorporating industry

6. Our Commitment

The Company recognises that effective TSF management requires a holistic, multidisciplinary approach supported by strong technical oversight, robust governance, stakeholder engagement, transparency, and continuous improvement. To this end, the Company will:

- Respect stakeholder rights, assess potential impacts and risks, and engage meaningfully with communities, regulators, and emergency services regarding TSF management
- Maintain alignment with leading industry standards and practices, including the Global Industry Standard on Tailings Management
- Develop and maintain an integrated, interdisciplinary knowledge base to support safe TSF management, consistent with international best practice
- Design, construct, operate, close, and monitor TSFs using risk-based criteria that reflect site-specific conditions and tailings characteristics

- Prioritize tailings segregation and dewatering to minimize water use and enhance TSF safety
- Monitor and inspect TSFs through structured internal and external review and audit processes
- Clearly define and assign accountabilities and responsibilities for tailings management at all organizational levels
- Empower the Engineer of Record to develop critical designs, provide operational support, and conduct risk assessments and reviews
- Provide appropriate training and assess the competency of personnel involved in tailings management activities
- Collaborate with industry peers and incorporate lessons learned into TSF governance and management processes
- Ensure adequate human, technical, and financial resources are available to meet operational obligations, including TSF closure and decommissioning
- Develop, maintain, and implement site-specific emergency preparedness and response plans informed by best practice and expert advice
- In the unlikely event of a TSF failure, deploy site-based emergency response teams and obtain external assistance as required to minimize impacts on people and the environment
- Publicly disclose and report on TSF performance and management in a transparent and regular manner

7. Responsibilities and compliance

All Company Stakeholders are expected to report any suspected breach of this Policy to their supervisor, manager, or through the Company's confidential Whistleblower service. Breaches of this Policy or related policies may result in disciplinary action, up to and including termination of employment or contract.

8. Related Documents

This Policy forms part of Predictive's broader governance framework and should be read in conjunction with other relevant Company policies, including:

- Enterprise Risk Management Policy
- Environmental Policy
- Community Policy
- Health and Safety Policy
- Human Rights Policy
- Whistleblower Policy

9. Review of Policy

This Policy will be reviewed periodically to ensure its continued relevance to Company activities and its alignment with applicable laws, regulations, standards, and evolving industry best practices.

The Company Secretary is authorised to make administrative and non-material amendments to this Policy. Recommendations arising from reviews will be considered by the Board for continuous improvement.

Questions regarding this policy or other governance documents should be directed to cosec@pdigold.com, specifying the policy or charter in question and detailing your request. Please mark communications “attention Company Secretary.” You will receive a response indicating who will handle your matter and an expected timeline for further communication.

Date Approved	2026-05-27
Owner	Board of Directors