

WESSELS MINE

TSF EMERGENCY PLANNING

Emergency Preparedness and Response Planning (GISTM Requirement 15.1 B8)

Wessels mine has provided local authorities and emergency services with relevant information and included them in emergency simulations drills as part of our emergency preparedness and response planning.

Wessels mine’s emergency management approach follows our commitment to the safe and reliable management of tailings storage facilities (TSFs). This commitment aims to prevent the TSF from becoming a source of harm by protecting our employees, surrounding communities, the environment and our physical assets, throughout the TSF lifecycle. In the occurrence of an actual or potential slope instability event, we aim to remove people that might potentially be in harm’s way and close the area.

The Operations, Maintenance and Surveillance Manual (OMS) for the TSF regulates and describes the efforts to maintain the integrity of the facility, over time.

The Wessels Emergency Response Plan (ERP) describes the Wessels emergency response to an actual or imminent loss of containment.

Emergency - Level Determination

Our TSFs operate under four operating levels described below:

Level 1 – Green Stable Operation	Level 1 Indicates stable operation. The integrity of the TSF is monitored by geotechnical instrumentation (piezometers), survey monuments, and routine visual inspections. The OMS describes these systems.
Level 2 – Yellow Operational parameters exceeded	Level 2 Indicates that the operational parameters of the TSF are exceeded. Additional efforts to maintain the integrity shall be taken. These measures are described in the OMS. The Operations Team shall inform the Responsible Tailings Facility Engineer (RTFE) and in conjunction will assess the cause, develop and implement an action plan to normalise the operational parameters.
Level 3 – Amber Potential for failure	Level 3 Indicates that the potential for failure of the TSF. Additional efforts to maintain the integrity shall be taken. These measures are described in the OMS. Following the chain of command and in consultation with the Engineer of Record (EoR) the RTFE shall notify the Accountable Executive (AE) that the TSF condition is moving from Level 2 to Level 3.
Level 4 – Red Failure likely or occurred	Level 4 Indicates that a TSF failure is likely or has occurred. Following the chain of command and in consultation with the EoR the RTFE shall notify the AE that the TSF condition is moving from Level 3 to Level 4. AE to activate the emergency response plan, if not already done, and conduct communication protocols.

Notification and Communication

Plans have been established related to internal and external communications management, including telephone numbers of personnel involved in the emergency response, both internal and external, mutual aid plans, list of available equipment, among others.

Internal and External communications will be managed by the Incident Management Team (IMT) and the Vice President Operations based on the level of emergency.