

F3 Quarry Emergency Response TRIGGER ACTION RESPONSE PLAN (TARP)

High Level Operating Strategy

F3 quarry is an inactive quarry - maximum operating level is 8.6mRL which allows it to manage 2430ML before overflow.

Water Balance Priorities [Ranked highest to lowest priority]

1. No uncontrolled overflow of quarry water to receiving environment.
2. Supply of water to the concentrator.
3. Supply of water to the concentrator, receipt of pumped water from active quarries.
4. Supply of water to the concentrator, receipt of pumped water from active quarries, receipt of pumped water from inactive quarries.

Parameter	Target (mRL)	Trigger (mRL)	Note
Overflow Level	8.6	-	Facility will overtop and discharge to the west.
High Level	-	≥5.0	Refer to Response Plan below
Target Operations Level	-1.0 to 2.0	-	Actively manage facility and water balance requirements accordingly (normal operations).
Low Level	-	≤-1.0	Refer to Response Plan below

"Operations Level" modelled on accommodating a 2 x 1:10 Annual Exceedance Probability (AEP) @72hrs Intensity Frequency Duration (IFD) (2 x 262mm) rainfall events in a given wet season period.

Response Plan

Parameter	Action Required [in order of execution until Target Operations Level re-achieved]
High Level (≥5.0mRL)	1. Pump to bush discharge, using approved controlled pathways. 2. Direct clean active quarry dewatering volumes directly to bush discharge area via drains. 3. Shut off pumped inflows from inactive other quarries. 4. Shut off pumped inflows from active other quarries.
Low Level (≤-1.0mRL)	1. Pump nearby active quarries to F3. 2. Limit or stop bush discharge via controlled pathways.