

Timeline to address the recommendations presented in the final report of the Independent Committee for Extraordinary Assessment (CIAEA)

August– 2020

Recommendations and timeframe



Recomendações	Recommendation Status	Actions start	Total number of actions	Number of Technical actions	Number of Governance actions	Completed by 08/28/20	Completion expected by Dec/20	Completion expected by Dec/21	Completion expected by Dec/22
1 - Assessment of possible risk of rupture of structures similar to B1	Completed	dec/19	2	2		2			
2 - Improvements in the Emergency Action Plan for Mining Dams (PAEBM)	In progress	dec/19	8	5	3	2	5	1	
3 - Adoption of consistent and risk-based stability criteria	In progress	feb/20	6	5	1		6		
4 – Review of the procedures for verification and validation of geotechnical monitoring instrument automation processes	In progress	jan/20	6	3	3	5	0	1	
5 - Review of the Operation Manuals	In progress	feb/20	4	2	2	3	1		
6 - Review of the process for obtaining Stability Declarations (DCEs)	Completed	dec/19	3		3	3			
7- Improvement of geotechnical risk assessment methodology	In progress	oct/19	5	2	3	3	1		1
8 - Review of the functions of the Independent Expert Panel	Completed	oct/19	3		3	3	0		
9 - Improvement in the contracting policy for third parties providing services related to dam safety	In progress	nov/19	3	1	2		3		
10 - Improvement in identifying dam-related expenses, costs and investment in financial and accounting management systems	Completed	feb/19	5		5	5			
11 - Review composition and resourcing of the Geotechnical team	Completed	feb/19	4		4	4			
12 - Improved segregation of duties	In progress	feb/19	6		6	4	2		
13 - Review of the career path for the Geotechnical area	In progress	feb/19	6		6	4	2		
14 - Review of the compensation and benefits policy	Completed	nov/19	4		4	4			
15 - Assessment of the applicability of the “Engineer of Record” concept for the Company	In progress	dec/19	4	3	1	3	1		
16 - Improvement of cultural aspects	Completed	jun/19	9		9	9			
17 - Improvement, fostering and expansion of safety culture	In progress	feb/19	8	3	5	4	3	1	
18 - Detailed recordation of Executive Board Meetings	Completed	feb/19	2		2	2			
19 - Development of rules and regulations for the Operational Risk Subcommittee	Completed	feb/19	2		2	2			
20 - Composition of the Board of Directors and Fiscal Council	In progress	apr/19	2		2	1	1		
21 - Improvement in the Ethics and Compliance structure	Completed	may/19	4		4	4			
22 - Improvement of the procedure for handling complaints	Completed	jun/19	2		2	2			
23 - Improvements related to internal audit	In progress	jan/20	1		1		1		
24 - Definition of procedure for the treatment to be given to the professionals involved in the rupture of B1	Completed	jan/20	4		4	4			
25 - Definition of mechanisms for follow-up of effective implementation of post-rupture measures and recommendations suggested by the CIAEA	In progress	mar/20	2		2	1			1
Total of actions			105	26	79	74	26	3	2
% Actions			100%	25%	75%	70%	25%	3%	2%

95% of the actions scheduled to be completed in 2020

Criteria for defining the timeline to address recommendations



