Mine Tailings Disclosure Table

Overview question: Please a) Provide an overview of your tailings management system, and how you manage risk b) Confirm whether your approach to tailings management has changed or will change in light of the recent tailings disasters at Brumadinho, Mariana, Mt Polley and others. Have you, for example, reviewed all tailings storage facilities with upstream dam construction, and taken steps necessary to protect local communities and the environment e.g. buttressing, evacuation?	Overview answer) a) Please see attached document. b) Following both Brumadinho and Mariana disasters reviews of the management systems of both fresh water and tailings storage facilities took place at management and Board level. The reviews provided assurance that both the tailings and water storage facilities are managed in accordance with host country and international best practice legislation and guidelines. Please see attached supporting documentation.

The remaining questions should be answered by listing all of the tailings facilities you are responsible for or associated with, per the disclosure letter of the 5th April 2019.

1. "Tailings Dam" Name/identifier	2. Location	3. Ownership	4. Status	5. Date of initial operation	6. Is the Dam currently operated or closed as per currently approved design?	7. Raising method	8. Current Maximum Height	9. Current Tailings Storage Impoundment Volume	10. Planned Tailings Storage Impoundment Volume in 5 years time.	11.Most recent Independent Expert Review	12. Do you have full and complete relevant engineering records including design, construction, operation, maintenance and/or closure.	13. What is your hazard categorisation of this facility, based on consequence of failure?	14. What guideline do you follow for the classification system?	15. Has this facility, at any point in its history, failed to be confirmed or certified as stable, or experienced notable stability concerns, as identified by an independent engineer (even if later certified as stable by the same or a different firm).	16. Do you have internal/in house engineering specialist oversight of this facility? Or do you have external engineering support for this purpose?	17. Has a formal analysis of the downstream impact on communities, ecosystems and critical infrastructure in the event of catastrophic failure been undertaken and to reflect final conditions? If so, when did this assessment take place?	18. Is there a) a closure plan in place for this dam, and b) does it include long term monitoring?	19. Have you, or do you plan to assess your tailings facilities against the impact of more regular extreme weather events as a result of climate change, e.g. over the next two years?	20. Any other relevant information and supporting documentation. Please state if you have omitted any other exposure to tailings facilities through any joint ventures you may have.
Pottsierg TSF	28° 59' 37.5161"S 28° 52' 57.1674"E	Owned by Letseng and Operated by Contractor (CMS)	Active	Feb-08	Operational as per approved design by an appointed engineer	Centre line & downstream tipping	Pottsierg 3046mamsl	Estimated at 28mil cubes.	Coarse tailings approx: 11.3mil cubes. Fines tailings approx: 7.3mil cubes	Bulwark (independent expert) conducted Q4-2018 quarter review in February and Q1-2019 in May 2019. Knight Piesold 3rd party review in March & GCS Geophysics survey in March 2019.	Engineering design, construction records, operation and maintenance log books are available.	Hazard rating based on the potential to cause harm to life or property within the zone of influence: high.	South African Code of Practice for Mine Residue SANS 0286 (1998)	No	Weekly and quarterly internal inspections are performed by the Letseng appointed contractor (CMS) with oversight from the Independent appointed professional engineer (Bulwark). Bulwark consulting engineers also	The below studies have been completed to assess the impact: 1. Dam break analysis by Jones & Wagner (2010) 2. Major holding facilities baseline RA May (2018) 3. Environmental Impact RA in by GroundTruth (2014)	A closure plan has been developed by Etek, this plan is reviewed annually and includes long term monitoring.	An SEMP review takes place every three years. The 2019 review includes climate change related impact assessments.	Refer to the three attached reports.
Old TSF	28° 59' 26.5863"S 28° 52' 00.4223"E	Owned by Letseng and Operated by Contractor (CMS)	Active	Old TSF operated by Delbeers from 1972 - 1982 and Operated by GEM since September 2006	Operational as per approved design by an appointed engineer	Centre line & downstream tipping	Old TSF 3064mamsl	Estimated at 16mil cubes.	No coarse tailings capacity. Fines tailings approx: 48300cubes	Bulwark conducted Q4-2018 quarter review in Febraury and Q1-2019 in May 2019. Knight Piesold 3rd party review in March & GCS Geophysics survey in March 2019.	Engineering design, construction records, operation and maintenance log books are available.	Hazard rating based on the potential to cause harm to life or property within the zone of influence: high.	South African Code of Practice for Mine Residue SANS 0286 (1998)	No	Weekly and quarterly internal inspections are performed by the Letseng appointed contractor (CMS) with oversight from the Independent appointed professional engineer (Bulwark). Bulwark	The below studies have been completed to assess the impact: 1. Major holding facilities baseline RA May 2018 2. Environmental Impact RA in 2014 by GroundTruth	A closure plan has been developed by Etek, this plan is reviewed annually and includes long term monitoring.	An SEMP review takes place every three years. The 2019 review includes climate change related impact assessments.	Refer to the three attached reports.