

Mine Tailings Disclosure Table

<p>Overview question:</p> <p>Please</p> <p>a) Provide an overview of your tailings management system, and how you manage risk</p> <p>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?</p>	<p>Overview answer)</p> <p>a) The tailings management system has a process map, monthly and annual operation/instructives and schedule related to discharge points; daily, monthly and annual reports operation parameters base on legal requirements from the bolivian regulation, regarding volume of the tailings; flow rate, % solids, % water recovery rate, geotechnical and geodam contention berms and central discharge platform; , KPIs and performance indicators; etc. others.</p> <p>b) Operation change was introduced in 2017, by building a central platform for discharging</p>
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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
WILA KHARA TAILINGS STORAGE FACILITY With perimeter contention berms. There is no a dam, due to the original topography and geotecnical features of the site, which comply regulations. It was built into a closed micro basin, over a low permeability rock basement.	Lipez Province Potosí Department Bolivia Longitude: 67°14'57.53" Oeste Latitude: 21°12'44.88" Sur Coordinates in PSAD56 Norte: 7,653,303.178 Este: 681,716.631	The owner is: Minera San Cristobal S.A. Subsidiary of Sumitomo Corporation (100%)	Specify: Active, Inactive/Care and Maintenance, Closed etc.	Operation started on August 2007	Yes Aproved by Goverment Competent Authority.	Downstream 2007 - 2016 Discharge and distribucion line located over East and North berms. From 2017 a new central causeway was built for relocation of discharge and distribution line. Raising is in 4 m lifts stepwise north and south. When discharging to North, the construction is in the south and vice versa.	Original natural clay and rock layer level: 3752 masl Tailing level until 2016: 3761 masl Actual causeway level: 3770 masl with 9 m hight Noth berm 12 m height South berm 8 m hight East berm 7 m hight West: none	Note: (m3 as of March 2019) 98,628,319.0 m3

maintenance program;
 ; a tailings control book with
 ng the characteristics and
 hemical conditions in the
 ergency control system and
 e and distribution, both sides

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?
Projected for 5 years time from April 2019 until March 2024 54,973511 m3	Knight Piésold Consulting proposed on 2017 a new discharging method and submitted a Geotechnical Assessment Report of stability on 2019. No observations were found. This year a Bolivian consultant was hired to verify the stability status on Causeway and lateral berms around the basin.	Yes Enginnering Deparment is in charge of technical support, and Water Resources & Tailings deparment is in charge of operation records.	Base on operation risk evalutaion: Physical Stability risk is low sacale. Risk for catastrophic conditions is medim scale and more associated to hydrogeological and geochemical aspects rather than dam stability issues.	The Bolivian Environmental Guide for design, cooperation, maintenance and closure of taliling dams. GRI and ICMM guide lines are also applied.	This facility never failed until this date. All the reports submmitted have recommendations that we follow for the future designs., The most important actual concern is to maintain the tails inside the limit boundary as the causeway and tails keep on raising up; in that direction we are actually doing geotechnical and hydrological tests in order to define the future designs of the berms around the tails.	Both: External International Support: - Knight Piesold - Amec External National Support: - Belmonte Ingenieros - Essing SRL In house Civil Engineers designated to the tails projects: - 2 Supervisors In house Mechanical Engineers appointed for Maintenance of the facility: - 2 Supervisors

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.
Note: Please answer 'yes' or 'no', and if 'yes', provide a date. Yes. A new evaluation is in progress with Knight Piesold and other external consultants.	a) Yes, there is a Closure Plan for the entire tailings deposit (TSF), which is in a continuous improving process year by year. b) Yes, there is a long term monitoring plan. The final Closure and Monitoring Plan will be approved by authorities before the final closure (Not defined)	Yes, A new evaluation is in progress as a part of Closure Plan review and update; with the support of Knight Piesold and other consultants, and this is one of the strategic objectives of the company.	From the social and environmental point of view, the hydrological condition in the East side of the tailings deposit is more relevant, and currently a series of studies are in progress, to get more precise information to design mitigation and remediation measures, for long term stability. The Feasibility and basic design of the actual discharge disposal was in charge of Knight Piesold Consultant Company. Support Documents: "Tailings Deposition Plan - Storyboard.pdf" "Causeway Geotechnical Assessment Report Rev 0.pdf" "P-TDE-430-G-SK-014_A Sección Transversal.pdf" "Wila Khara 2019-02.pdf"