UPDATED RESPONSES TO INFORMATION REQUEST FROM THE CHURCH OF ENGLAND PENSIONS BOARD AND COUNCIL ON ETHICS SWEDISH NATIONAL PENSION FUNDS (v09.06.22)

Note: Hazard Categorisation (Q13) is with reference to ICMM's Global Industry Standard on Tailings Management (August 2020)

	Operation	Ares Mine	Arcata Mine			Selene - Pallancata Mine			Inmaculada Mine	San Jose Mine		
	Country	Peru	Peru			Peru			Peru	Argentina		
1	"Tailings facility" Name / Identifier	Presa de Relaves	Presa de Relaves 1 - 4	Presa de Relaves No. 5	Presa de Relaves No. 6	Presa de Relaves No. 1 Selene	Presa de Relaves No. 2 Selene	Presa de Relaves No. 3 Pallancata	Presa de Relaves	Presa de Relaves No. 1	Presa de Relaves No.2	Presa de Relaves No. 3
2	Location	N: 8335758	N: 8341245	N: 8340921	N: 8341164	N: 8378589	N: 8378383	N: 8375756	N: 8348116	N: 2400642	N: 2400642	N: 2402458
		E: 803954	E: 789481	E: 789358	E: 787861	E: 700076	E: 700337	E: 699731	E: 689284	E: 4831281	E: 4831281	E: 4831471
	Ownership Status	Owned and Operated Undergoing Closure	Owned and Operated Undergoing Closure	Owned and Operated Closed	Owned and Operated Care and Maintenance	Owned and Operated Undergoing Closure	Owned and Operated Undergoing Closure	Owned and Operated Active	Owned and Operated Active	Care and Maintenance	a Cruz (JV: HOC 51% / McEwen Mining 49% Active). Operated by HOC Active
	Date of Initial operation	April, 1998	1965 (Approx.)	1986 (Approx.)	July, 1995	October, 2003	December, 2008	August, 2011	June, 2015	August, 2007	August, 2007	February, 2015
-	Is the Dam currently operated or	April, 1996	1905 (Approx.)	1966 (Approx.)	July, 1995	October, 2005	December, 2008	August, 2011	Julie, 2015	August, 2007	August, 2007	reordary, 2015
6	closed as per currently approved design?	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
7	Raising method	Downstream	Downstream	Downstream	Downstream	Downstream	Downstream	Downstream	Downstream	Central berm with impoundments on both sides	Central berm with impoundments on both sides	Downstream
8	Current Maximum height (m)	25	15	28	38	71	70	46	84	14.95	14.95	6
9	Current tailings storage impoundment	4.1 million	448k	1.01 million	2.43 million	1.85 million	1.4 million	4.27 million	6.15 million	2.6 million	142k	1.26 million
9	volume (m3)	4.1 million	448K	1.01 million	2.43 million	1.85 million	1.4 million	4.27 million	6.15 million	2.6 million	142K	1.26 million
10	Planned tailing storage impoundment volume in 5 years time	Volume will not be increased	Volume will not be increased	Volume will not be increased	Volume will not be increased	2.12 million	1.58 million	4.56 million	8.14 million	It will stay the same	242 k	1.85 million
11	Most recent independent expert review	Ausenco 2021	Ausenco 2021	Ausenco 2021	Ausenco 2021	Ausenco 2021	Ausenco 2021	Anddes 2021	Anddes 2021	Anddes 2021	Anddes 2021	Anddes 2021
12	Do you have full and complete relevant engineering records including design construction, operation, maintenance, and/or closure	Yes	No (see note 12(i) below)	No (see note 12(ii) below)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
13	What is your hazard categorisation of this facility, based on the consequence of failure?	High	Very High	Very High	Very High	High	High	Very High	Very High	Significant	Significant	Significant
14	What guideline do you follow for the classification system?	ICMM (2020)										
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 different firm)	Yes (see note below)	No	No	No	No	No	No	No	No	No	No
16	Do you have internal / in house engineering specialist oversight of this facility? Or do you have external engineering support for this purpose?	Both	Both	Both	Both	Both	Both	Both	Both	Both	Both	Both
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? 4 so, when did this assessment take place?	Yes. Ausenco (2021)	Yes. Ausenco (2021)	Yes. Ausenco (2021)	Yes. Ausenco (2021)	Yes. Ausenco (2021)	Yes. Ausenco (2021)	Yes. Ausenco (2022)	Yes. Ausenco (2022)	Yes. Anddes (2021)	Yes. Anddes (2021)	Yes. Anddes (2021)
18	Is there a) a closure plan in place for this dam, and b) does it include long term monitoring?	(a) Yes for all (b) Yes for all										
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?	Yes	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
20	Any other relevant information and supporting documentation. Please state if you have omitted any other exposure to tailing facilities through any joint ventures you may have.	The Company has a policy of commissioning external inspections of operational Tailings Storage Facilities every 2 years. In addition, the Peruvian mining regulator (OSINERMIN) and environmental regulator (OEFA) inspect mining operations (including tailings storage facilities) periodically										

Notes to Responses

The Company has a policy of commissioning external inspections of operational Tailings Storage Facilities every 2 years. In addition, the Peruvian mining regulator (OSINERMIN) and environmental regulator (DEFA) inspect mining operations (including tailings storage facilities) periodically

Q12 (i) Given the dam was put in initial operation in 1965, the Group only has documentation relating to the closure of the dam. Further information will be obtained following completion of the ongoing review.

(ii) Given the dam was put in initial operation in 1986, the Group only has documentation relating to the operation and closure of the dam. Further information will be obtained following completion of the ongoing review.

Q13 This updated disclosure uses the classification ratings resulting from third party assessments using, as reference, the ICMM's Global Industry Standard for Tailings Management published in August 2020 and gives a rating (in ascending order) of Low, Significant, High, Very High and Extreme. The rating does not reflect the probability of failure but the consequences of failure.

Q15 In H2 2016, a need to reinforce the dikes of the dam was identified to ensure stability during closure. A number of remedial actions were taken, primarily the construction of a rock buttress around the entire dam.