

June 2019

Dear Mr Matthews and Mr Howchin

Church of England Pensions Board and Swedish Council on Ethics for the AP Public Pension Fund

On the 1st of January 2019 Barrick Gold Corporation and Randgold Resources Limited merged to form an industry leader with a focus on creating value for all our stakeholders. Ensuring that the restructured business maintained effective, accountable procedures to govern sustainability, was a key short-term priority post-merger and, with this in mind, we are providing information on both the former Barrick's and the former Randgold's Tailings Storage Facilities.

Tailings Management System and Management of Risk

All Barrick-operated or controlled tailings storage facilities (TSFs) are subject to the company's Tailings and Heap Leach Management Standard (the Standard), which requires that Barrick locates, designs, constructs, operates and closes its tailings storage facilities (TSFs) and its heap leach facilities (HLFs) using a risk-based design approach with site specific data or as otherwise specified by regional regulatory requirements, whichever is more stringent.

This Standard also outlines:

- Roles and responsibilities for our Engineers of Record (EoRs) and Responsible Persons (RPs);
- Schedules for routine inspections by our operators, EoR dam safety inspections (typically annually), dam safety reviews, independent geotechnical review committee assignments and management audits to the Standard. (Barrick has maintained a fully independent geotechnical review committee since 1998);
- Geotechnical instrumentation monitoring, data reduction, assessment and reporting obligations, including the establishment of trigger action response plans (TARPs); and
- Minimum required geotechnical, hydrological, hydrogeological and environmental design and performance standards.

For existing and closed facilities, the Standard outlines six levels of safety oversight that must be undertaken, with full documentation at each stage:

1. Monitoring technology

Our operating sites employ monitoring systems such as vibrating wire piezometers, inclinometers, drone surveys, satellite surveys and imagery, static prisms for movement detection, drainage monitoring and other technologies to monitor tailings storage facilities (TSF's), abutments, natural slopes and water levels.

2. Routine Inspection

Conducted by suitably qualified and experienced operation site personnel, in compliance with Operation, Maintenance and Surveillance (OMS) Manual requirements. Intended to ensure that the TSF is operating within prescribed parameters.

3. EoR / Dam Safety Inspection

Conducted by the Engineer of Record (EoR) responsible for the design of the current TSF phase, or by a suitably qualified and experienced geotechnical engineer outside of Barrick with a comprehensive understanding of the current TSF phase. Intended to verify that the existing or

anticipated TSF conditions follow design intent and that site-specific performance objectives are being met.

4. Dam Safety Review

Conducted by a suitably qualified and experienced geotechnical engineer outside of Barrick who is neither the EoR nor a representative of the TSF operation or closure design consulting firm and who has a comprehensive understanding of the current TSF phase. Intended to provide a detailed, independent assessment of the safety and operational stewardship of the TSF.

5. Assurance Audit

Conducted by our internal corporate technical specialists. Expected audit frequency of one to three years, based in part on compliance level and previous findings. Intended to ensure that the existing or anticipated TSF conditions and management procedures comply with Barrick's corporate Tailings Management Standard.

6. Independent Tailings Review Committee

Conducted by one or more qualified and internationally-recognized experts outside of Barrick and not involved with preparation of the TSF design. Intended to provide an expert, independent opinion as to whether or not the TSF design and current and/or anticipated performance demonstrate an acceptable level of care, from geotechnical, hydrotechnical and environmental perspectives and with reference to accepted international practice.

Tailings management approach in light of the recent tailings disasters

Barrick continues to improve its tailings management program, for example by increasing and/or improving geotechnical monitoring equipment and technologies, training site-based tailings staff and conducting regular technical and management reviews of its closed and operating TSFs. Barrick also maintains current, site-specific Emergency Preparedness and Response Plan (EPRP) documents and tests the EPRP protocols. Where issues are encountered, including insufficient understanding of embankment, tailings mass and/or foundation conditions, the company will develop and conduct the necessary programs to address knowledge gaps and, if required, improve estimated stability. We recently conducted a review of our upstream facilities to determine whether these posed any significant risks.

For additional information on the management of our TSFs including our Tailings Storage Facility Inventory, please visit the Barrick website at:

<https://www.barrick.com/English/sustainability/environment/default.aspx>

I/We certify that the information supplied is correct and true to the best of our knowledge.



Sincerely

Mark Bristow
President and CEO

1	2	1a	1b	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18a	18b	19	20
Tailings Storage Facility Name	Site Name (Location)	TSF Centroid Latitude	TSF Centroid Longitude	Ownership ^(a)	TSF Status	TSF Start-up	Design Intent Compliance? ^(b)	Raise Methodology ^(c)	Current Maximum Height ^(d)	Current Tailings Volume ^(e)	Planned Ultimate Tailings Volume ^(f)	Most Recent Independent Review ^(g)	Engineering Records Complete ^(h)	Hazard Classification	Classification Guideline ⁽ⁱ⁾	Stability ever Questioned ^(j)	Internal Oversight and/or External Support ^(k)	Most Recent Dam Breach Study ^(l)	Closure Plan in Place	Long-term Monitoring Included	Climate Change Effects Considered	Note(s)
		(Dec. Deg.)	(Dec. Deg.)			(Year)	(Yes / No)		(m)	(Mm ³)	(m ³)	(Month Year)	(Yes / No)			(Yes / No)	(Month/Year)	(Yes / No)	(Yes / No)	(Yes / No)		
Cells 1 & 2	Cortez (Nevada, USA)	40.262480	-116.702689	Barrick	Closed	1995	Yes	US	65.5	35	35	Dec 2018	Yes	Significant	DWR NV	Yes ⁹	Yes and Yes	Apr 2018	No	Yes	Yes	
Cell 4	Cortez (Nevada, USA)	40.266031	-116.686047	Barrick	Operating	2013	Yes	DS	55	27	39	Dec 2018	Yes	Low	DWR NV	No	Yes and Yes	Apr 2018	No	Yes	Yes	
TA 1-3	Cortez (Nevada, USA)	40.203921	-116.622530	Barrick	Closed	1969	Unknown	Unknown	7.5	5.6	5.6	Unknown	No	Low	DWR NV	Unknown	Yes and No	Unknown	Yes	Yes	No	
TA 4-5	Cortez (Nevada, USA)	40.213596	-116.617825	Barrick	Closed	1974	Unknown	Unknown	10	1.8	1.8	Unknown	No	Low	DWR NV	Unknown	Yes and No	Unknown	Yes	Yes	No	
TA 6	Cortez (Nevada, USA)	40.213491	-116.624058	Barrick	Closed	1984	Unknown	Unknown	16.8	5.2	5.2	Unknown	No	Low	DWR NV	Unknown	Yes and No	Unknown	Yes	Yes	No	
TA 7	Cortez (Nevada, USA)	40.208789	-116.624296	Barrick	Closed	1994	Unknown	DS	19	0.8	4.2	Unknown	No	Low	DWR NV	Unknown	Yes and No	Unknown	No	Yes	No	13
TSF 2	Golden Sunlight (Montana, USA)	45.889132	-111.990559	Barrick	Operating	1993	Yes	US, CL	71.5	34	34	Mar 2012	Yes	N/A ⁷	DEQ MT	No	Yes and Yes	In progress	In progress	Yes	Yes	
TSF 1	Golden Sunlight (Montana, USA)	45.889086	-112.003863	Barrick	Closed	1983	Yes	CL	33	19	19	Nov 2008	No	N/A ⁷	DEQ MT	Unknown	Yes and Yes	Unknown	Yes	Yes	Yes	
North Block TDF	Goldstrike (Nevada, USA)	41.003265	-116.358552	Barrick	Operating	1994	Yes	DS	129.5	147	232	May 2019	Yes	Significant	DWR NV	No	Yes and Yes	Sep 2015	No	Yes	Yes	
TSF 3	Goldstrike (Nevada, USA)	40.994527	-116.347161	Barrick	Operating	2014	Yes	DS	85.5	37	73	May 2019	Yes	Significant	DWR NV	No	Yes and Yes	Sep 2015	No	Yes	Yes	
AA TSF	Goldstrike (Nevada, USA)	40.985307	-116.342606	Barrick	Closed	1988	Yes	DS	65.5	18	18	Aug 2016	Unknown	Significant	DWR NV	Unknown	Yes and Yes	Unknown	Yes	Yes	Yes	
Mill 4 TSF	Goldstrike (Nevada, USA)	40.989607	-116.357059	Barrick	Closed	1989	Yes	DS	56.5	8.4	8.4	Aug 2016	Unknown	High	DWR NV	Unknown	Yes and Yes	Unknown	Yes	Yes	Yes	
Arturo TSF (TD-1)	Goldstrike (Nevada, USA)	41.007315	-116.432022	Barrick	Closed	1984	Yes	DS	33.5	2.6	2.6	Unknown	No	Unknown	DWR NV	Unknown	Yes and No	Unknown	Yes	Yes	No	
David Bell / Williams Basin	Hemlo (Ontario, Canada)	48.668708	-85.878245	Barrick	Operating	1985	Yes	US, DS	41	68	68	Jul 2015	Yes	Very High	CDA	No	Yes and Yes	Dec 2013	No	Yes	Yes	
CTSF 1	Kibali (Democratic Republic of Congo)	3.131053	29.598067	Barrick (AngloGold, SOK IMO)	Operating	2013	Yes	DS	45	5	33	Mar 2019	Yes	High	SANS 10286	No	Yes and Yes	In progress	Yes	Yes	No	
CTSF 2	Kibali (Democratic Republic of Congo)	3.127811	29.605878	Barrick (AngloGold, SOK IMO)	Operating	2016	Yes	DS	45	7 inc. above		Mar 2019	Yes	High	SANS 10286	No	Yes and Yes	In progress	Yes	Yes	No	
FTSF	Kibali (Democratic Republic of Congo)	3.119041	29.605928	Barrick (AngloGold, SOK IMO)	Operating	2014	Yes	DS ⁵	36	13	60	Mar 2019	Yes	High	SANS 10286	No	Yes and Yes	In progress	Yes	Yes	No	
Loulo TSF	Loulo (Mali)	13.096819	-11.343639	Barrick (Mali)	Operating	2005	Yes	US	30	35	48	None ⁶	Yes	High	SANS 10286	No	Yes and Yes	In progress	Yes	Yes	No	
Lumwana TSF	Lumwana (Zambia)	-12.234695	25.862281	Barrick	Operating	2008	Yes	CL	45	160	480	Nov 2018	Yes	Significant	ANCOLD	No	Yes and Yes	Jan 2018	Yes	Yes	Yes	
Morila TSF	Morila (Mali)	11.695650	-6.840917	Barrick (AngloGold, Reclamation Mali)	Operating	2014	Yes	N/A	N/A	N/A	N/A	N/A	Yes	Low	SANS 10286	No	Yes and Yes	N/A	Yes	Yes	No	
El Llagal TSF	Pueblo Viejo (Dominican Republic)	18.898767	-70.173460	Barrick (Newmont)	Operating	2012	Yes	DS	114	52	175	Nov 2018	Yes	Extreme	CDA	No	Yes and Yes	Feb 2018	No	Yes	Yes	14
Tongon TSF	Tongon (Ivory Coast)	9.941306	-5.763114	Barrick (Cote d'Ivoire)	Operating	2011	Yes	US	26	24	31	None ⁶	Yes	High	SANS 10286	No	Yes and Yes	In progress	Yes	Yes	No	
Turquoise Ridge TSF	Turquoise Ridge (Nevada, USA)	41.235985	-117.220018	Barrick	Closed	1989	Yes	CL, DS	52	8.7	8.7	Unknown	Yes	Low	DWR NV	No	Yes and Yes	Unknown	Yes	Yes	No	
Dry Stack TSF	Jabal Sayid (Kingdom of Saudi Arabia)	23.861374	40.942444	Barrick (Ma'aden)	Operating	2015	Yes	US	28	2.4	13.4	None	Yes	Low Risk	ANCOLD	No	Yes and Yes	N/A	No	Yes	No	
Bulyanhulu TSF	Bulyanhulu (Tanzania)	-3.234281	32.486293	Acacia ¹	Operating	2015	Yes	US	18.5	8	45	Dec 2018	Yes	High	SANS 10286	No	Yes and Yes	Nil	Yes	Yes	No	
Buzwagi TSF	Buzwagi (Tanzania)	-3.857605	32.679994	Acacia ¹	Operating	2009	Yes	DS	43.6	32.3	33.3	Apr 2019	Yes	High	ANCOLD	No	Yes and Yes	Nil	Yes	Yes	No	
North Mara TSF	North Mara (Tanzania)	-1.473721	34.499459	Acacia ¹	Operating	2002	No ⁴	DS	53	30	33	Feb 2019	Yes	Extreme	ANCOLD	No	Yes and Yes	2019	Yes	Yes	No	
Fimiston I	KCGM (Western Australia)	-30.746707	121.508969	Barrick (Newmont) ₂	Active	1988	Yes	US	60	42	50	Jul 2018	Yes	High	ANCOLD	No	Both (No and No)	Dec 2016	Yes	Yes	Yes	
Fimiston II	KCGM (Western Australia)	-30.751359	121.546371	Barrick (Newmont) ₂	Active	1991	Yes	US	60	119	135	Jul 2018	Yes	High	ANCOLD	No	Both (No and No)	Feb 2014	Yes	Yes	Yes	
Kaltails	KCGM (Western Australia)	-30.798458	121.563501	Barrick (Newmont) ₂	Active	2011	Yes	US	60	82	98	Jul 2018	Yes	High	ANCOLD	No	Both (No and No)	Sep 2018	Yes	Yes	Yes	
Gidji I	KCGM (Western Australia)	-30.583170	121.453803	Barrick (Newmont) ₂	Inactive / C&M	1989	Yes	US	30	3	3	Jul 2018	Yes	Low	ANCOLD	No	Both (No and No)	Nov 2010	Yes	Yes	Yes	
Gidji II	KCGM (Western Australia)	-30.583170	121.453803	Barrick (Newmont) ₂	Active	2012	Yes	DS	25	1	2	Jul 2018	Yes	Low	ANCOLD	No	Both (No and No)	Mar 2011	Yes	Yes	Yes	
Mullingar	KCGM (Western Australia)	-30.729694	121.471046	Barrick (Newmont) ₂	Inactive / C&M	unknown	No	Unknown	5	0.0816	N/A	-	No	Unknown	Not classified	Uncertain	No	Unknown	Yes	No	No	
Mt. Percy	KCGM (Western Australia)	-30.718556	121.487728	Barrick (Newmont) ₂	Inactive / C&M	1985	No	US	23	8.4	N/A	Jul 2018	No	Unknown	Not classified	Uncertain	No	Unknown	Yes	No	No	15
Paringa	KCGM (Western Australia)	-30.757052	121.523793	Barrick (Newmont) ₂	Inactive / C&M	1982	No	Unknown	5	0.836	N/A	-	No	Unknown	Not classified	Uncertain	No	Unknown	Yes	No	No	
Croesus	KCGM (Western Australia)	-30.752291	121.499765	Barrick (Newmont) ₂	Inactive / C&M	< 1973	No	Unknown	20	4.25	N/A	2012	Yes	Unknown	Not classified	Uncertain	No	Unknown	Yes	No	No	16
Old Croesus	KCGM (Western Australia)	-30.759984	121.497266	Barrick (Newmont) ₂	Inactive / C&M	1960s	No	Unknown	23	2.12	N/A	-	No	Unknown	Not classified	Uncertain	No	Unknown	Yes	No	No	17
Zaldivar TSF	Zaldivar (Chile)	-24.415046	-69.130110	Barrick (Antafogasta)	Operating	1995	Yes	DS	39.0	9.3	17.0	Feb 2019	Yes	Medium	Antafogasta	No	Yes and Yes	Feb 2015	Yes	Yes	Yes	

Tailings Storage Facility Inventory continued...

1	2	1a	1b	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18a	18b	19	20
Tailings Storage Facility Name	Site Name (Location)	TSF Centroid Latitude	TSF Centroid Longitude	Ownership ^(a)	TSF Status	TSF Start-up	Design Intent Compliance? ^(b)	Raise Methodology ^(c)	Current Maximum Height ^(d)	Current Tailings Volume ^(e)	Planned Ultimate Tailings Volume ^(f)	Most Recent Independent Review ^(g)	Engineering Records Complete ^(h)	Hazard Classification	Classification Guideline ⁽ⁱ⁾	Stability ever Questioned ^(j)	Internal Oversight and/or External Support ^(k)	Most Recent Dam Breach Study ^(l)	Closure Plan in Place	Long-term Monitoring Included	Climate Change Effects Considered	Note(s)
		(Dec. Deg.)	(Dec. Deg.)			(Year)	(Yes / No)	(m)	(Mm ³)	(m ³)	(Month Year)	(Yes / No)	(Yes / No)		(Yes / No)	(Month/Year)	(Yes / No)	(Yes / No)	(Yes / No)	(Yes / No)		
North Tailings Basin	Bicroft (Ontario, Canada)	44.995564	-78.044357	Barrick	Closed	1956	Yes	US	8.5	1.5	1.5	Jun 2018	Yes	High	CDA	Yes ¹⁰	Yes and Yes	Unknown	Yes	Yes	No	
South Tailings Basin	Bicroft (Ontario, Canada)	44.987684	-78.038638	Barrick	Closed	1956	Yes	US	7.5	0.2	0.2	Jun 2018	Yes	Significant	CDA	No	Yes and Yes	Unknown	Yes	Yes	No	
Bousquet LTA	Bousquet - LTA (Quebec, Canada)	48.106408	-78.000949	Barrick	Closed	1938	Unknown	US	15	14	14	May 2002	No	Significant	CDA	No	Yes and No	Unknown	Yes	No	No	
Tailings Stack	Cadillac Molybdenite (Quebec, Canada)	48.315221	-78.382253	Barrick	Closed	1965	Unknown	US	20	1.3	1.3	Sep 1998	No	Significant	CDA	No	Yes and Yes	Unknown	Yes	No	No	
Tailings Pond 1	Cullaton Lake (Nunuvut, Canada)	61.265859	-98.492138	Barrick	Closed	1981	Yes	DS	5	0.3	0.3	Sep 2015	No	Low	CDA	No	Yes and Yes	Unknown	Yes	Yes	Yes	
Tailings Pond 2	Cullaton Lake (Nunuvut, Canada)	61.264636	-98.479900	Barrick	Closed	1981	Yes	DS	0.0	0.0	0.0	Sep 2015	No	Not rated	Not defined	No	Yes and Yes	N/A	Yes	Yes	Yes	18
Albino Lake TSF	Eskay (British Columbia, Canada)	56.650496	-130.496457	Barrick	Closed	1997	Yes	N/A	N/A	0.2	0.2	Jun 2018	Yes	Not rated	Not defined	No	Yes and Yes	N/A	Yes	N/A	N/A	19
Tom McKay TSF	Eskay (British Columbia, Canada)	56.619746	-130.520252	Barrick	Closed	2001	Yes	N/A	N/A	0.5	0.5	Jun 2018	Yes	Not rated	Not defined	No	Yes and Yes	N/A	Yes	N/A	N/A	19
Upper TSF	Giant Nickel (British Columbia, Canada)	49.482295	-121.461631	Barrick	Closed	1958	Yes	US	17	3.6	3.6	Sep 2017	No	Not rated	Not defined	No	Yes and Yes	Unknown	Yes	Yes	No	
Lower TSF	Giant Nickel (British Columbia, Canada)	49.483430	-121.457824	Barrick	Closed	1971	Yes	DS	22	inc. above	inc. above	Sep 2017	Yes	Very High	CDA	No	Yes and Yes	Nov 2014	Yes	Yes	No	
Golden Patricia TSF	Golden Patricia (Ontario, Canada)	51.369843	-91.131883	Barrick	Closed	1988	Unknown	US, CL	5	0.8	0.8	Unknown	No	Low	CDA	Unknown	Yes and No	Unknown	Yes	No	No	20
Nickel Plate TSF	Nickel Plate (British Columbia, Canada)	49.355330	-120.024094	Barrick	Closed	1987	Yes	US, CL	49	7.6	8.2	Sep 2018	Yes	Very High	CDA	Yes ¹¹	Yes and Yes	Dec 2013	Yes	Yes	No	
Parc A Residus	Powell Rouyn (Quebec, Canada)	48.258235	-79.050362	Barrick	Closed	1937	Unknown	US	6	0.3	0.3	Jun 2001	No	Significant	CDA	Unknown	Yes and No	Unknown	Yes	No	No	
Renabie TSFs	Renabie (Ontario, Canada)	48.372015	-83.863747	Barrick	Closed	1947	Unknown	US	13	3.9	3.9	Unknown	No	Low	CDA	Unknown	Yes and Yes	Unknown	Yes	No	No	
Uchi TSFs	Uchi (Ontario, Canada)	51.070900	-92.593600	Barrick	Closed	1938	Yes	N/A	N/A	0.5	0.5	Unknown	No	Low	CDA	No	Yes and No	N/A	Yes	N/A	N/A	21
Impoundment 1	Bullfrog (Nevada, USA)	36.870915	-116.814836	Barrick	Closed	1989	Yes	US	14	12	12	Mar 1998	Yes	Low	DWR NV	No	Yes and Yes	Unknown	Yes	Yes	No	
Impoundment 2	Bullfrog (Nevada, USA)	36.874481	-116.810404	Barrick	Closed	1991	Yes	DS	21	inc. above	inc. above	Mar 1998	Yes	Low	DWR NV	No	Yes and Yes	Unknown	Yes	Yes	No	
Impoundment 3	Bullfrog (Nevada, USA)	36.878424	-116.814814	Barrick	Closed	1995	Yes	US, CL	16	10	10	Mar 1998	Yes	Low	DWR NV	No	Yes and Yes	Unknown	Yes	Yes	No	
Impoundment 4	Bullfrog (Nevada, USA)	36.874791	-116.819066	Barrick	Closed	1997	Yes	DS	22.5	inc. above	inc. above	Mar 1998	Yes	Low	DWR NV	No	Yes and Yes	Unknown	Yes	Yes	No	
Colosseum TSF	Colosseum (California, USA)	35.557803	-115.570102	Barrick	Closed	1988	Yes	DS	41	4.2	4.2	Unknown	No	Low	DSOD CA	No	Yes and No	Unknown	Yes	No	No	
Large TSF	Grants (New Mexico, USA)	35.243592	-107.863400	Barrick	Closed	1958	Yes	US	30.5	15	15	Unknown	Yes	Low	OSE NM	No	Yes and Yes	None	Yes	Yes	No	
Small TSF	Grants (New Mexico, USA)	35.237594	-107.862084	Barrick	Closed	1958	Yes	US	7.5	0.9	0.9	Unknown	Yes	Significant	OSE NM	No	Yes and Yes	Jan 2019	Yes	Yes	No	
Grizzly Gulch TSF	Homestake (South Dakota, USA)	44.329214	-103.737900	Barrick	Closed	1977	Yes	US, DS	122	29	29	Jul 2010	Yes	Category 1	DENR SD	No	Yes and Yes	In progress	Yes	Yes	Yes	
McDermitt TSFs	McDermitt (Nevada, USA)	41.931197	-117.799907	Barrick	Closed	1975	Unknown	US	5	0.4	0.4	Unknown	No	Low	DWR NV	Unknown	Yes and No	Unknown	Yes	No	No	
McLaughlin TSF	McLaughlin (California, USA)	38.866172	-122.438928	Barrick	Closed	1985	Yes	DS	50.5	27	27	Mar 2010	Yes	High	DSOD CA	No	Yes and Yes	May 2019	Yes	Yes	No	
Reservation Canyon TSF	Mercur (Utah, USA)	40.331531	-112.196932	Barrick	Closed	1983	Yes	US, DS	113	15.6	15.6	Mar 1998	Yes	Low	DNR UT	Yes ¹²	Yes and Yes	In progress	Yes	Yes	No	
Dry Stack TSFs 1, 2 and 3	El Indio (Region IV, Chile)	-29.766708	-69.976503	Barrick	Closed	1992	Yes	US	215	2.8	5.1	Nov 2004	Yes	Not rated	Not defined	No	Yes and Yes	N/A	Yes	Yes	No	22, 23
El Indio TSF	El Indio (Region IV, Chile)	-29.783744	-69.986455	Barrick	Closed	1981	Yes	US, DS	78	4	4	Nov 2004	Yes	Significant ⁸	CDA	No	Yes and Yes	Unknown	Yes	Yes	No	
Pastos Largos SP	El Indio (Region IV, Chile)	-29.794565	-70.000524	Barrick	Closed	1997	Yes	DS	49.0	0.7	3.2	Nov 2004	Yes	Significant	CDA	No	Yes and Yes	Dec 2016	Yes	Yes	Yes	24
Upstream TSF	Tambo (Region IV, Chile)	-29.800932	-69.939912	Barrick	Closed	1995	Yes	DS	68.0	3.8	3.8	Nov 2004	Yes	Low ⁸	CDA	No	Yes and Yes	Unknown	Yes	Yes	No	
Downstream TSF	Tambo (Region IV, Chile)	-29.807611	-69.940018	Barrick	Closed	1998	Yes	DS	85.0	5.5	5.5	Nov 2004	Yes	Low ⁸	CDA	No	Yes and Yes	Unknown	Yes	Yes	No	

Footnotes:

1. Tailings Dam¹ Name/identifier
2. Location
 - 1a, 1b. Latitude and Longitude in decimal degrees of the approximate TSF centroid, as obtained from Google Earth Pro
3. Ownership (a) As of March 2019; JV Partner(s) indicated in parentheses
 - ¹ Barrick Gold Corporation is the majority owner of Acacia Mining plc and periodically audits Acacia's TSFs and engages with Acacia on the management of its TSFs
 - ² KCGM is a 50:50 JV of Barrick Gold Corporation and Newmont Goldcorp Corporation; as Newmont Goldcorp is the operating partner, and Barrick will continue to engage with Newmont on their facilities. The information provided for the KCGM TSFs reflects that presented on the Newmont Goldcorp website
4. Status
 - ³ Tailings from the Morila operation are in the final stages of being relocated to a completed (mined-out) open pit for permanent disposal; hence, the new permanent (former open pit) TSF is considered to be in Reclamation status
5. Date of initial operation
6. Is the Dam currently operated or closed as per currently approved design?
 - (b) Unknown is indicated for legacy closed TSFs that were acquired by Barrick and for which Engineering Records are not complete and the original design, operation and/or closure intent is not fully known
- ⁴ The North Mara TSF current operation does not satisfy design minimum tailings beach width requirements
7. Raise Methodology
 - (c) Upstream (US), centreline (CL) and/or downstream (DS) methodologies may have been used at any given facility; modified centreline raises considered to be upstream; Unknown is indicated for legacy closed TSFs that were acquired by Barrick and for which the crest raise methodology is not fully known
- ⁵ A trial on CL self-raise is in process as per the approved revised design
8. Current Maximum Height
 - (d) Maximum height around Q4 2018 to Q1 2019 for tallest embankment structure within the TSF, reported to nearest 0.5 m.
9. Current Tailings Storage Impoundment Volume
 - (e) Estimated volume of stored tailings around Q4 2018 to Q1 2019; converted (as required) from stored tailings mass using representative mean bulk density of 1.3 Mg/m³
10. Planned Tailings Storage Impoundment Volume in 5 years time
 - (f) Corresponding to the current (around February 2019) Life of Mine Plan for the TSF
11. Most recent Independent Expert Review
 - (g) Most recent Dam Safety Review (DSR) or Independent Geotechnical Review Board (IGRB) assignment; Unknown indicates that no records were found to confirm that an independent review has been conducted
 - ⁶ Until Q4 2019, quarterly inspections have been / will be performed by the external design and construction-supervision consultant; independent reviews will be scheduled for completion in 2020
12. Do you have full and complete relevant engineering records including design, construction, operation, maintenance and/or closure
 - (h) Unknown and No indicated for legacy closed TSFs that were acquired by Barrick and for which full Engineering Records may not have been provided during acquisition, or were transferred to off-site storage; Barrick intends to continue searching for the information
13. What is your hazard categorisation of this facility, based on consequence of failure?
 - ⁷ Tailings dams are exempt from hazard classification under DEQ MT
 - ⁸ Provisional hazard classification under CDA framework
14. What guideline do you follow for the classification system?
 - (i) ANCOLD = Australian National Committee on Large Dams CDA = Canadian Dam Association DENR SD = South Dakota Department of Energy and Natural Resources DEQ MT = Montana Department of Environmental Quality DNR UT = Utah Department of Natural Resources
 - DSOD CA = California Department of Safety of Dams DWR NV = Nevada Department of Water Resources OSE NM = New Mexico Office of the State Engineer SANS 10286 = South Africa Code of Practice for Mine Residue Deposits
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).
 - (j) Not being certified/confirmed as stable is assumed to be where a noted deficiency is deemed sufficiently significant to trigger a catastrophic failure – the term deficiency is used in that context herein; for operating facilities, this refers to any identified deficiency for the current life/stage and for a previous life/stage, any deficiency that was not addressed as vetted by independent review; for closed/legacy facilities, this refers to any deficiency identified that reflects the current state of the facility versus a previous issue that has been addressed through confirmed changed condition via the closure process
 - Unknown indicates that no records were found to confirm that an independent review has highlighted any stability risk with the facility
 - ⁹ Questions regarding the estimated geotechnical stability of the Cortez Cells 1/2 TSF after design earthquake loading were raised during a recent independent review; geotechnical site investigation and laboratory testing programs are underway to support a revised stability evaluation, expected to be completed shortly; remedial options will be designed and completed as required thereafter
 - ¹⁰ An inadequate factor of safety against liquefaction was recognized during recent independent review of the Bicroft North Tailings Basin Dam H; a stability buttress will be constructed after the detailed buttress design (currently in progress) has been completed and an earthworks contractor identified
 - ¹¹ The controlling strength and porewater pressure parameters, and thus estimated factors of safety, were questioned during a recent independent review of the Nickel Plate TSF dam; geotechnical site investigation, additional instrumentation installations and advanced laboratory testing has been completed and revised slope stability and deformation evaluations are in progress; remedial options will be identified, designed and completed as required thereafter
 - ¹² Questions regarding the estimated geotechnical stability of the Mercur Reservation Canyon TSF after design earthquake loading were raised during a recent geotechnical review by the newly-appointed Engineer of Record for the closed facility; site investigation, additional instrumentation installations and advanced laboratory testing programs have been completed and revised slope stability and deformation evaluations are in progress; remedial options will be identified, designed and completed as required thereafter
16. Do you have internal/in house engineering specialist oversight of this facility? Or do you have external engineering support for this purpose?
 - (k) Where No indicated for external support, long-term closed facility considered to be provided with adequate corporate geotechnical oversight and external engineering support not required
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?
 - (l) Unknown and No indicated for legacy closed TSFs, for which dam breach studies may not have been or were not completed, based on Barrick's understanding of the available Engineering Records
 - N/A indicated for in-pit, dry stack and lacustrine TSFs and for breached embankments in closure for which no plausible mechanism for uncontrolled, off-site tailings release exists
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?
 - The former (pre merger) operational Barrick sites considered the effects of Climate Change particularly with regard to extreme precipitation events. Climate change effects for the remaining sites will be considered in 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.
 - ¹³ Two phases of the Cortez TA 7 TSF were built and operated; three additional expansion phases remain permitted but were never constructed
 - ¹⁴ For the Llagal TSF at the Pueblo Viejo Mine, the estimated current and planned ultimate tailings volume do not include waste rock that is also stored within the facility; the planned ultimate capacity of tailings plus waste rock plus operating pond is 225 Mm³
 - ¹⁵ As reported by Newmont Goldcorp: Q9. 42 ha and 20 to 23 m high; Q11. Informal; Q16 Informal only
 - ¹⁶ As reported by Newmont Goldcorp: Q9. Estimate of portion no associated with Fim I TSF, partially encapsulated with waste rock; Q12. Fimiston I is built on top of a portion of the facility
 - ¹⁷ As reported by Newmont Goldcorp: Q9. Located in pit
 - ¹⁸ The Cullaton Lake Tailings Pond 2 served as a polishing pond for Tailings Pond 1; as part of the site closure plan, the Tailings Pond 2 dam was completely removed and the pond eliminated
 - ¹⁹ At the closed Eskay Creek site, the Albino Lake and Tom MacKay Lake TSFs are lacustrine facilities and have no perimeter embankments
 - ²⁰ The Golden Patricia tailings dams were partially breached as part of site closure works
 - ²¹ The Uchi tailings were deposited in two low-lying areas and have no perimeter embankments
 - ²² The 215 m maximum height is the difference in elevation between El Indio Dry Stack TSF 1 and Dry Stack TSF 2, with an average slope of 10.9° in the filtered and stacked tailings surface between the two modules
 - ²³ The design ultimate tailings storage capacities of the El Indio Dry Stack TSF 1 and 2 sites had not been fully utilized and the Dry Stack TSF 3 site was not used, when the filtration plant was closed in 1997
 - ²⁴ The Pastos Largos TSF was converted to a sedimentation pond (SP) as part of the El Indio mine closure, prior to its design ultimate tailings storage capacity being reached