

2. Tailings facilities

No.	Company Name	Managing Company	Business Unit	Shareholders	Country	LC Operation	T-Tailings Facility Name/Identifier	Location	Ownership	Status	Date of initial operation	Is the Dam currently operating or closed as per currently approved design?	Reason for method	Current Maximum Height (m)	Current Tailings Storage Impoundment Volume (m ³)	Planned Tailings Storage Impoundment Volume in 5 years time (m ³)	Is most recent independent expert review	Do you have full and complete relevant engineering records including design, construction, operation, maintenance and/or history, listed to be confirmed as verified as stable, or improved stability measures, as identified by an independent engineer (even if they certified as stable by the company)?	What is your hazard categorization of this facility, based on consequence of failure?	What guidance do you follow for the classification system?	Do you have internal or house engineering specialist oversight of this facility? Do you have external engineering support for this purpose?	Do you have internal or house engineering specialist oversight of this facility? Do you have external engineering support for this purpose?	Is there a closure plan in place for this dam, and if so, when is it due to be implemented?	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 few years?	Are there any other relevant information and supporting documentation.		
1	Anglo American	De Beers Group of Companies	De Beers	Mountain Province Joint Venture partners	Canada	Active	Safeco Kull Area 2 FMS PNC	lat 63°27'48.038"N, long 107°42'30.7"E	Owned and De Beers Operated	Active	2016	Yes	Downstream, See Q20 for more information	11.5	1.5M	0.88M	2018	Yes	Major	Anglo American Technical Standard (AA TS 602 001)	Yes	Both	Yes, 2016	Yes, Yes	Yes, See Q20 for more information	Q20: Contains three saddle dams or dikes. Q21: Water retaining Q22: Closure Plan currently filed with regulator Q23: Plan in place in line with Anglo American's Long-term Sustainable Mining Plan	
2	Anglo American	De Beers Group of Companies	De Beers	Mountain Province Joint Venture partners	Canada	Active	Safeco Kull Course PNC File	lat 63°26'35.5848"N, long 107°38'42.7"E	Owned and De Beers Operated	Active	2016	Yes	Dry stack	10	2.8M	1.93M	2018	Yes	High	Anglo American Technical Standard (AA TS 602 001)	Yes	Both	Yes, 2016	Yes, Yes	Yes, See Q20 for more information	Q20: Interim Closure Plan currently filed with regulator Q23: Plan in place in line with Anglo American's Long-term Sustainable Mining Plan	
3	Anglo American	De Beers Group of Companies	De Beers	De Beers	Canada	Active	Victor Fines PK storage facility	lat 52°07'23.04"N, long 83°50'15.32"W	Owned and Operated	Active	2008	Yes	Downstream	8	1.4M	1.4M	2018	Yes	Minor	Anglo American Technical Standard (AA TS 602 001)	Yes	Both	Yes, 2004	Yes, Yes	Yes, See Q20 for more information	Q20: Contains 2 contiguous tailings dams C604 and C605 Q21: Done as part of the original environmental impact studies prior to mining. Dam closure cover design for Final Rehabilitation has been reviewed and cover to be placed over next 2 years and regraded. Q22: 2018/2019 Closure design down externally. Report status: 1,000 year return periods AND Extreme Value 1 (EV1) frequency distribution from Environment Canada. Plan in place in line with Anglo American's Long-term Sustainable Mining Plan	
4	Anglo American	De Beers Group of Companies	De Beers	De Beers	Canada	Active	Victor Course PK & Low Grads One Stockpile	lat 52°04'36.09"N, long 83°54'23.42"W	Owned and Operated	Active	2008	Yes	Dry stack	12	5.96M	5.96M	2018	Yes	Minor	Anglo American Technical Standard (AA TS 602 001)	Yes	Both	Yes, 2004	Yes, Yes	Yes, See Q20 for more information	Q21: Done as part of the original environmental impact studies prior to mining. Q22: 2018/2019 Closure design down externally. Report status: 1,000 year return periods AND Extreme Value 1 (EV1) frequency distribution from Environment Canada. Plan in place in line with Anglo American's Long-term Sustainable Mining Plan	
5	Anglo American	De Beers Group of Companies	De Beers	De Beers	Canada	Active	Victor Course PK & Overburden Stockpile	lat 52°04'36.09"N, long 83°54'23.42"W	Owned and Operated	Active	2008	Yes	Dry stack	14	5.40M	5.40M	2018	Yes	Minor	Anglo American Technical Standard (AA TS 602 001)	Yes	Both	Yes, 2004	Yes, Yes	Yes, See Q20 for more information	Q21: Done as part of the original environmental impact studies prior to mining. Q22: 2018/2019 Closure design down externally. Report status: 1,000 year return periods AND Extreme Value 1 (EV1) frequency distribution from Environment Canada. Plan in place in line with Anglo American's Long-term Sustainable Mining Plan	
6	Anglo American	De Beers Group of Companies	De Beers	De Beers	Canada	Inoperative	Snag Lake North Pit	lat 63°38'19"N, long 107°52'30"W	Owned and Operated	Inoperative	2008	Yes	Other, See Q20 for more information	22.0m	3.94M	3.94M	2018	Yes	Minor	Anglo American Technical Standard (AA TS 602 001)	Yes	Both	Yes, 2014, updated 2018	Yes, 2019	Yes, See Q20 for more information	Q20: Three contiguous Tailings dams, Facility Starter Cell, East Cell and undivided West Cell Q21: Material covered from upstream to modified central/450m, 1440/200m/200m, 80% by constructing a waste rock impoundment wall and upstream embankment Q22: Plan in place in line with Anglo American's Long-term Sustainable Mining Plan	
7	Anglo American	De Beers Group of Companies	De Beers	De Beers Consolidated Mines and Parabatlo	South Africa	Inactive	Ventria FROs	lat 27°25'43.07"S, long 29°17'54.03"E	Owned and operated	Active	1993	Yes	Other, See Q20 for more information	42.5	55.8M	14.8M	2018	Yes	Major	Anglo American Technical Standard (AA TS 602 001)	Yes, See Q20 for more information	Both	Yes, See Q20 for more information	Yes, Yes	Yes, See Q20 for more information	Q20: Two contiguous Tailings dams, FROs and FRO2 Q21: Material covered from upstream to modified central/450m, 1440/200m/200m, 80% by constructing a waste rock impoundment wall around entire facility. Q22: Done as part of the original environmental impact studies prior to mining. Q23: Plan in place in line with Anglo American's Long-term Sustainable Mining Plan	
8	Anglo American	De Beers Group of Companies	De Beers	De Beers Consolidated Mines and Parabatlo	South Africa	Inoperative	Ventria CRD	lat 27°25'48.54"S, long 29°17'54.48"E	Owned and operated	Active	1993	Yes	Dry stack	42	16.4M	2M	2018	Yes	Major	Anglo American Technical Standard (AA TS 602 001)	Yes	Both	Yes, See Q20 for more information	Yes, Yes	Yes, See Q20 for more information	Q21: Done as part of the original environmental impact studies prior to mining. Q22: 2018/2019 Closure design down externally. Report status: 1,000 year return periods AND Extreme Value 1 (EV1) frequency distribution from Environment Canada. Plan in place in line with Anglo American's Long-term Sustainable Mining Plan	
9	Anglo American	De Beers Group of Companies	De Beers	De Beers Consolidated Mines and Parabatlo	South Africa	Inoperative	Voorpoort FROs	lat 27°27'33.73"S, long 29°17'12.16"E	Owned and operated	Inoperative	2008	Yes	Downstream	18	5.8M	5.8M	2018	Yes	Moderate	Anglo American Technical Standard (AA TS 602 001)	Yes, See Q20 for more information	Both	Yes, See Q20 for more information	Yes, Yes	Yes, See Q20 for more information	Q20: Three contiguous tailings dams Phasika, 18 and 2 Q21: The Unregraded production ceased in December 2018 and the mine is currently busy with rehabilitation of the facility, aligned with its closure plans. Q22: Substantial seepage concerns were noted in the past. The waste rock impoundment wall was subsequently constructed to address these concerns. Q23: Plan in place in line with Anglo American's Long-term Sustainable Mining Plan	
10	Anglo American	De Beers Group of Companies	De Beers	De Beers Consolidated Mines and Parabatlo	South Africa	Inoperative	Voorpoort CRD	lat 27°27'05.14"S, long 29°17'01.03"E	Owned and operated	Inoperative	2008	Yes	Dry stack	40	8.0M	0.2M	2018	Yes	Low	Safety Classification (SANS 10386)	Yes	Both	Yes, See Q20 for more information	Yes, Yes	Yes, See Q20 for more information	Q21: Done as part of the original environmental impact studies prior to mining. Q22: 2018/2019 Closure design down externally. Report status: 1,000 year return periods AND Extreme Value 1 (EV1) frequency distribution from Environment Canada. Plan in place in line with Anglo American's Long-term Sustainable Mining Plan	
11	Anglo American	De Beers Group of Companies	De Beers	De Beers Consolidated Mines and Parabatlo	South Africa	Homequipped	Homequipped AK3 FRO	lat 27°38'31.98"S, long 17°22'23.1"E	Owned and operated	Inoperative, See Q20 for more information	1972	No, See Q20 for more information	Downstream	27	20M	20M	2011	No, See Q20 for more information	Major	Anglo American Technical Standard (AA TS 602 001)	Yes, See Q20 for more information	Internal engineering specialist	Yes, See Q20 for more information	Yes, Yes	Yes, See Q20 for more information	Q20: Tailings to decommission Q21: Only some documents are available Q22: Safety classification was determined as per SANS 10386 in 2004. Environmental impact assessment to follow to include catastrophic failure impact. Q23: Substantial seepage concerns were identified. A barrier was constructed to address the concern. Q24: Plan in place in line with Anglo American's Long-term Sustainable Mining Plan	
12	Anglo American	De Beers Group of Companies	De Beers	De Beers Consolidated Mines and Parabatlo	South Africa	Homequipped	Homequipped AK3 CRD	lat 27°38'49.47"S, long 17°22'48.47"E	Owned and operated	Inoperative, See Q20 for more information	1972	No, See Q20 for more information	Dry stack	11	11.1M	11.1M	2011	No, See Q20 for more information	Low	Safety Classification (SANS 10386)	Yes	Internal engineering specialist	Yes, See Q20 for more information	Yes, Yes	Yes, See Q20 for more information	Q20: Tailings to decommission Q21: Only some documents are available Q22: Safety classification was determined as per SANS 10386 in 2004. Environmental impact assessment to follow to include catastrophic failure impact. Q23: Substantial seepage concerns were identified. A barrier was constructed to address the concern. Q24: Plan in place in line with Anglo American's Long-term Sustainable Mining Plan	
13	Anglo American	De Beers Group of Companies	De Beers	De Beers Consolidated Mines and Parabatlo	South Africa	Homequipped	Homequipped Bulk Storage Plant FRO	lat 28°15'23.22"S, long 17°05'03.08"E	Owned and operated	Inoperative, See Q20 for more information	1975	No, See Q20 for more information	Other, See Q20 for more information	N/A	No information contained in natural depression	0.01	0.01	2011	No, See Q20 for more information	Minor	Anglo American Technical Standard (AA TS 602 001)	Yes	Internal engineering specialist	Yes, See Q20 for more information	Yes, Yes	Yes, See Q20 for more information	Q20: The facility is decommissioned Q21: Natural depression similar in size to that in the pit storage, no outer wall Q22: Substantial seepage concerns were noted in the past. The waste rock impoundment wall was subsequently constructed to address these concerns. Q23: Plan in place in line with Anglo American's Long-term Sustainable Mining Plan
14	Anglo American	De Beers Group of Companies	De Beers	De Beers Consolidated Mines and Parabatlo	South Africa	Homequipped	Homequipped Bulk Storage CRD	lat 28°15'11.79"S, long 17°05'29.31"E	Owned and operated	Inoperative, See Q20 for more information	1975	No, See Q20 for more information	Dry stack	14	2.8M	2.8M	2011	No, See Q20 for more information	Low	Safety Classification (SANS 10386)	Yes	Internal engineering specialist	Yes, See Q20 for more information	Yes, Yes	Yes, See Q20 for more information	Q20: Rehabilitation ongoing in progress Q21: Safety classification was determined as per SANS 10386 in 2004. Environmental impact assessment to follow to include catastrophic failure impact. Q22: Plan in place in line with Anglo American's Long-term Sustainable Mining Plan	
15	Anglo American	De Beers Group of Companies	De Beers	De Beers Consolidated Mines and Parabatlo	South Africa	Homequipped	Homequipped Tailings CRD	lat 28°17'33.24"S, long 17°05'05.14"E	Owned and operated	Inoperative, See Q20 for more information	1980	No, See Q20 for more information	Downstream	16.5	23M	23M	2011	No, See Q20 for more information	Moderate	Anglo American Technical Standard (AA TS 602 001)	Yes, See Q20 for more information	Internal engineering specialist	Yes, See Q20 for more information	Yes, Yes	Yes, See Q20 for more information	Q20: The facility is decommissioned Q21: Only some documents are available Q22: Substantial seepage concerns were noted in the past. The waste rock impoundment wall was subsequently constructed to address these concerns. Q23: Plan in place in line with Anglo American's Long-term Sustainable Mining Plan	
16	Anglo American	De Beers Group of Companies	De Beers	De Beers Consolidated Mines and Parabatlo	South Africa	Homequipped	Homequipped Tailings CRD	lat 28°17'05.14"S, long 17°05'18.44"E	Owned and operated	Inoperative, See Q20 for more information	1980	No, See Q20 for more information	Dry stack	16	16.0M	16.0M	2011	No, See Q20 for more information	Low	Safety Classification (SANS 10386)	Yes	Internal engineering specialist	Yes, See Q20 for more information	Yes, Yes	Yes, See Q20 for more information	Q20: Rehabilitation ongoing in progress Q21: Safety classification was determined as per SANS 10386 in 2004. Environmental impact assessment to follow to include catastrophic failure impact. Q22: Plan in place in line with Anglo American's Long-term Sustainable Mining Plan	
17	Anglo American	De Beers Group of Companies	De Beers	De Beers Consolidated Mines and Parabatlo	South Africa	Dike	The Dikes Paste Backfills	lat 28°15'23.22"S, long 17°05'03.08"E	Owned and operated	Closed, See Q20 for more information	1998	Yes	Downstream	10	3.5M	3.5M	2011	No, See Q20 for more information	Low	Safety Classification (SANS 10386)	Yes	Yes	Yes, See Q20 for more information	Yes, Yes	Yes, See Q20 for more information	Q20: Rehabilitation ongoing in progress Q21: Safety classification was determined as per SANS 10386 in 2004. Environmental impact assessment to follow to include catastrophic failure impact. Q22: Plan in place in line with Anglo American's Long-term Sustainable Mining Plan	
18	Anglo American	De Beers Group of Companies	De Beers	De Beers Consolidated Mines and Parabatlo	South Africa	Dike	The Dikes Paste & Tailings (Closed) Co-located Pastal Backfills	lat 28°15'23.22"S, long 17°05'03.08"E	Owned and operated	Closed, See Q20 for more information	1998	Yes	Downstream	10	3.04M	3.04M	2011	No, See Q20 for more information	Low	Safety Classification (SANS 10386)	Yes	Yes	Yes, See Q20 for more information	Yes, Yes	Yes, See Q20 for more information	Q20: Rehabilitation ongoing in progress Q21: Safety classification was determined as per SANS 10386 in 2004. Environmental impact assessment to follow to include catastrophic failure impact. Q22: Plan in place in line with Anglo American's Long-term Sustainable Mining Plan	
19	Anglo American / Metallurgical Coal	Anglo Coal (Metallurgical Coal Management) Pty Ltd	Coal Aus	Marathon North Coal Pty Ltd Marathon North Coal Pty Ltd Marathon North Coal Pty Ltd Marathon North Coal Pty Ltd Marathon North Coal Pty Ltd Marathon North Coal Pty Ltd	Australia	Active	Marathon North Metallurgical Coal CDA	lat 31°47.5, 147°48.6 E	Operated by Anglo American, for JV partners	Active	First construction 1998	Yes	Upstream	14	11,500	31,400/2018	2018	Yes, and a preliminary rehabilitation closure plan is available.	Significant / High	Quadrant - Dept. of Env. & Science/ Anglo American Technical Standard (AA TS 602 001)	Yes, See Q20 for additional information	Both	Yes, 2019	Yes	Yes, See Q20 for additional information	Re: Annual Inspections for this facility are carried out by E&S each year. Q20: At present, the rehabilitation plan is in the final stages of development. It is outlined in the document "2018/2019 Rehabilitation Plan - Final Design and Construction". Q21: The current design of the tailings dam is based on the design parameters outlined in the document "2018/2019 Rehabilitation Plan - Final Design and Construction". Q22: The current design of the tailings dam is based on the design parameters outlined in the document "2018/2019 Rehabilitation Plan - Final Design and Construction". Q23: The current design of the tailings dam is based on the design parameters outlined in the document "2018/2019 Rehabilitation Plan - Final Design and Construction". Q24: The current design of the tailings dam is based on the design parameters outlined in the document "2018/2019 Rehabilitation Plan - Final Design and Construction". Q25: The current design of the tailings dam is based on the design parameters outlined in the document "2018/2019 Rehabilitation Plan - Final Design and Construction". 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29	Anglo American/ Metallurgical Coal	Anglo Coal (Downstream Management) Pty Ltd	Coal Ash	Anglo Coal (Downstream) Pty Ltd Mtisa Maura Investment Pty Ltd	Australia	Downstream	24 150.5, 150 238 E	Operated by Anglo American for JV partners	Inactive	2003	No	Other, See Q20 for more information	NA	211	Nil increase	2018	No design (see comments in Q30)	Low / Moderate	Quadrant - Dept. of Env. & Science/ Anglo American Technical Standard (AA TS 602 001)	No	Bath	Yes, REMP 2018/2019, CCA as well as CCS completed	Yes, Yes	No, Because the facility is situated and will be capped in next few years	26. Inactive in that no tailings have been deposited in this pit storage since late 2003. 27. It is planned to cap and rehabilitate the facility in accordance with "Mineral Residue Guidelines" Doc #1085_Cat 7 8 Form. 28. In the event of a spill, relevant operational information, like water balance model, and storage volumes, were available on site. And the storage was regulatory compliant during the time of its use. 29. CCS for all of the Downstream storages has been completed, using the Anglo American's Standard AA TS 602 001. 30. The closure plan is "Mineral Residue Guidelines" Doc #1085_Cat 7 8 Form published in 2014. The closure plan is at concept level however, the level of detail will be increased as the closure date becomes nearer.
30	Anglo American/ Metallurgical Coal	Anglo Coal (Downstream Management) Pty Ltd	Coal Ash	Anglo Coal (Downstream) Pty Ltd Mtisa Maura Investment Pty Ltd	Australia	Downstream	14 107.7, 150 259 E	Operated by Anglo American for JV partners	Inactive	2010	No	Other, See Q20 for more information	NA	121	Nil increase	2018	No design (see comments in Q30)	Low / Significant	Quadrant - Dept. of Env. & Science/ Anglo American Technical Standard (AA TS 602 001)	No	Bath	Yes, REMP 2018/2019, CCA as well as CCS completed	Yes, Yes	No, Because the facility is situated and will be capped in next few years	26. Inactive in that no tailings have been deposited in this pit storage since late 2012. 27. It is planned to cap and rehabilitate the facility in accordance with "Mineral Residue Guidelines" Doc #1085_Cat 7 8 Form. 28. In the event of a spill, relevant operational information, like water balance model, and storage volumes, were available on site. And the storage was regulatory compliant during the time of its use. 29. CCS for all of the Downstream storages has been completed, using the Anglo American's Standard AA TS 602 001. 30. The closure plan is "Mineral Residue Guidelines" Doc #1085_Cat 7 8 Form published in 2014. This plan is at concept level however, the level of detail will be increased as the closure date becomes nearer.
31	Anglo American/ Metallurgical Coal	Anglo Coal (Downstream Management) Pty Ltd	Coal Ash	Anglo Coal (Downstream) Pty Ltd Mtisa Maura Investment Pty Ltd	Australia	Downstream	14 157.1, 179 959 W	Operated by Anglo American for JV partners	Inactive	1995(estimate)	No	Other, See Q20 for more information	NA	100	Nil increase	2018	No design (see comments in Q30)	Low / High	Quadrant - Dept. of Env. & Science/ Anglo American Technical Standard (AA TS 602 001)	No	Bath	Yes, REMP 2018/2019, CCA as well as CCS completed	Yes, Yes	No, Because the facility is situated and will be capped in next few years	26. Inactive in that, no tailings have been deposited in this pit storage since late 2003. 27. It is planned to cap and rehabilitate the pit storage in accordance with "Mineral Residue Guidelines" Doc #1085_Cat 7 8 Form. 28. In the event of a spill, relevant operational information, like water balance model and current storage levels were available on site. And the storage was regulatory compliant during the time of its use. 29. CCS for all of the Downstream storages has been completed, using the Anglo American's Standard AA TS 602 001. 30. The closure plan is outlined in "Mineral Residue Guidelines" Doc #1085_Cat 7 8 Form. This plan is at concept level however, the level of detail will be increased as the closure date becomes nearer.
32	Anglo American/ Metallurgical Coal	Anglo Coal (Downstream Management) Pty Ltd	Coal Ash	Anglo Coal (Downstream) Pty Ltd Mtisa Maura Investment Pty Ltd	Australia	Downstream	14 150.5, 150 259 E	Operated by Anglo American for JV partners	Inactive	2003	No	Other, See Q20 for more information	NA	85	Nil increase	2018	No design (see comments in Q30)	Low / Minor	Quadrant - Dept. of Env. & Science/ Anglo American Technical Standard (AA TS 602 001)	No	Bath	Yes, REMP 2018/2019, CCA as well as CCS completed	Yes, Yes	No, Because the facility is situated and will be capped in next few years	26. Inactive in that, no tailings have been deposited in this pit storage since late 2003. 27. It is planned to cap and rehabilitate the facility in accordance with "Mineral Residue Guidelines" Doc #1085_Cat 7 8 Form. 28. In the event of a spill, relevant operational information, like water balance model, storage levels, were available on site. And further the storage was regulatory compliant during the time of its use. 29. CCS for all of the Downstream storages has been completed, using the Anglo American's Standard AA TS 602 001. 30. The closure plan is "Mineral Residue Guidelines" Doc #1085_Cat 7 8 Form. This is at concept level however, the level of detail will be increased as the closure date becomes nearer.

33	Anglo American	Anglo American	Copper	Anglo American, Inverness Minerals Brevna SpA (Codelco/Mitsui), Mitsubishi	Chile	San Francisco	Latitude: 33°13'31" S Longitude: 70°29'38" W	Operated by Anglo American for JV partners	Inactive, see Q20 for more information	1990	Yes	Other, See Q20 for more information	130 (see Q20 for additional information)	50 M	15 M	2018, See Q20 for more information	Yes (Perez Cabrera 2 only)	Major (Perez Cabrera 2 only)	Anglo American Technical Standard (AA TS 602 001)	Yes (see additional clarification in Q20)	Both, Qualified, specialist operations team and Engineer of Record	Yes, 2015, 2018	Yes, closure considers 100% removal of tailings and wet-ditching of valleys	20. Originally 3 facilities, including (in chronological order) Copihue, Perez Cabrera 1 and Perez Cabrera 2. The three facilities form a continuous tailings storage area, with the base of Copihue inundated by the beach of Perez Cabrera 1 (PC1) and the base of PC2 inundated by the beach of Perez Cabrera 2 (PC2). 21. 1 facility was in the process of being replaced entirely by La Tortuga 1st (see next facility) and is programmed to be completed by 2020. 22. Of the original 2,800 Mt of Copihue, only 400 Mt remains following ongoing reworking activities, resulting in a landfill of up to 1 m in height. Of the original 25,000 Mt of PC1, 8,800 Mt remains following ongoing reworking activities, resulting in a landfill of up to 2 m in height. Of the 25,000 Mt of PC2, 10,000 Mt remains following ongoing reworking activities, resulting in a landfill of up to 2 m in height. 23. In 1987, the diversion tunnel around the facility, blocked following a seismic event and the flood level in the dam reduced to below design levels, resulting in the temporary evacuation of downstream communities until the tunnel could be cleaned. The stability of the structure was never in question. Following this event, the tunnel was repaired, regular inspection and maintenance programs of the diversion tunnel were implemented, a second tunnel was constructed and the commitment to re-put the entire facility to La Tortuga was initiated.	
34	Anglo American	Anglo American	Copper	Anglo American, Inverness Minerals Brevna SpA (Codelco/Mitsui), Mitsubishi	Chile	San Francisco	Latitude: 33°17'31" S Longitude: 70°29'38" W	Operated by Anglo American for JV partners	Active	1994	Yes	Downstream (all dams)	200 (Main wall) (see Q20 for additional information)	480 M	70 M	2018, See Q20 for more information	Yes	Major (all walls)	Anglo American Technical Standard (AA TS 602 001)	No	Both, Qualified, specialist operations team and Engineer of Record	Yes, 2015, 2018	Yes (conceptual level), Yes	23. Includes four walls: Main Wall (30 m max height), West Wall (48 m max height) and East Wall (24 m max height); downstream compacted cycloned sand walls. West Wall (30 m max height) downstream (uphill) (water retaining) wall. Future South Wall to come. 24. Not performed as yet, but Anglo American long term Sustainable Mining Plan requires this to be done for all managed sites within the next 2 years. However, climate change is considered to be favorable for this facility, which is also capable of using multiple dams. 25. Dams 1 and 2 are contiguous, forming a single facility. 26. This facility has not been operated since 1970 and no longer retains liquid or slurry and is hence classified as a "landform". 27. Technical Review Panel, November 2018 28. Not performed as yet, but Anglo American long term Sustainable Mining Plan requires this to be done for all managed sites within the next 2 years.	
35	Anglo American	Anglo American	Copper	Anglo American, Inverness Minerals Brevna SpA (Codelco/Mitsui), Mitsubishi	Chile	El Salgado	Latitude: 32°39'51" S Longitude: 71°29'38" W	Operated by Anglo American for JV partners	Inactive, see Q20 for more information	before 1960	Yes, see Q20 for more information	landform (see Q20 for more information)	25	3.3 M	3.3 M	2017, See Q20 for more information	No	High	Anglo American Technical Standard (AA TS 602 001)	Yes - Inland in 1965 (El Cobre landform), decadal prior to Anglo American ownership. No Q 20.	No - In house engineering specialist. On demand support from external engineer.	No	No	Yes, See Q20 for additional information	20. Dams 1 and 2 are contiguous, forming a single facility. 21. This facility was acquired by Anglo American several decades after its 1965 failure during the El Cobre earthquake. The remaining structure is defined as a "landform" as the facility is no longer operational. 22. The remaining facilities, including the area impacted by the 1965 failure, have been declared as "sacred ground" and no remedial work is permitted by the communities or authorities. 23. Not performed as yet, but Anglo American long term Sustainable Mining Plan requires this to be done for all managed sites within the next 2 years.
36	Anglo American	Anglo American	Copper	Anglo American, Inverness Minerals Brevna SpA (Codelco/Mitsui), Mitsubishi	Chile	El Salgado	Latitude: 32°40'12" S Longitude: 71°29'38" W	Operated by Anglo American for JV partners	Inactive	1, 1965	Yes	Downstream	30	3.0 M	3.0 M	2017, See Q20 for more information	No	Moderate	Anglo American Technical Standard (AA TS 602 001)	No	Yes - In house engineering specialist. On demand support from external engineer.	No	No	Yes, See Q20 for additional information	20. This facility has not been operated since 1970 and no longer retains liquid or slurry and is hence classified as a "landform". 21. Technical Review Panel, November 2018 22. The surface has been re-vegetated including with mature trees in accordance with the closure practices required in the time operations ceased, although no formal closure plan 23. Not performed as yet, but Anglo American long term Sustainable Mining Plan requires this to be done for all managed sites within the next 2 years.
37	Anglo American	Anglo American	Copper	Anglo American, Inverness Minerals Brevna SpA (Codelco/Mitsui), Mitsubishi	Chile	El Salgado	Latitude: 32°39'13" S Longitude: 71°29'38" W	Operated by Anglo American for JV partners	Inactive	1970	Yes	Downstream (main dam) Back dam built from rockfill in single stage	60 (Main wall)	53 M	3.3 M	2018, See Q20 for more information	Yes	Major (both walls)	Anglo American Technical Standard (AA TS 602 001)	No	Both, Qualified, specialist operations team and Engineer of Record	Yes	Yes (conceptual level), Yes	20. Includes Main Wall and Back Dam. The main dam is 65 m high wall, constructed from compacted, cycloned sand and has been in care and maintenance since 1993. The back dam is a 10 m high rockfill dam with a rockfill shell and sand core. The main dam was in care and maintenance since 1993. 21. Technical Review Panel, November 2018 22. Not performed as yet, but Anglo American long term Sustainable Mining Plan requires this to be done for all managed sites within the next 2 years.	
38	Anglo American	Anglo American	Copper	Anglo American, Inverness Minerals Brevna SpA (Codelco/Mitsui), Mitsubishi	Chile	El Salgado	Latitude: 32°38'26" S Longitude: 71°29'38" W	Operated by Anglo American for JV partners	Active	1993	Yes	Centrative (Main dam) Downstream back dams	91 (main wall)	130 M	160 M	2018, See Q20 for more information	Yes	Major (main wall) Moderate (other walls)	Anglo American Technical Standard (AA TS 602 001)	Yes, See Q20 for additional information	Both, Qualified, specialist operations team and Engineer of Record	Yes, 2015, 2018	Yes (conceptual level), Yes	20. Main wall downstream compacted cycloned sand walls until 2005, and then modified to Centre line, continuing with compacted cycloned sand. San Cables and Inlets are both rockfill, downstream dam. 21. Technical Review Panel, November 2018 22. Following delays in relocation of the cyclone station in 2012-13, in 2013 the main wall was observed to have inadequate measurements for both crest width and freeboard, which were below the design specifications. Both national authorities and local communities were advised of the issues and invited to visit the site. Although the overall structure of the dam wall appeared to be stable, concerns were raised over the freeboard adequacy. This condition was mainly caused by the deficit of cycloned sand materials available for building the crest with and erosion of the crest with design. Excess material (cycloned sand) from the dam toe was immediately transferred to restore the upper sections of the wall and to bring the geometry back to within design. Today, the El Salgado dam meets or exceeds the requirements of the Anglo American Group Technical Standard. 23. Not performed as yet, but Anglo American long term Sustainable Mining Plan requires this to be done for all managed sites within the next 2 years.	
39	Anglo American	Anglo American	Copper	Anglo American, Inverness Minerals Brevna SpA (Codelco/Mitsui), Mitsubishi	Chile	Chagres	Latitude: 32°48'10" S Longitude: 70°29'38" W	Operated by Anglo American for JV partners	Active	before 1960	Yes	Dry Stack	25	861,450, 2.4 M		2018, See Q20 for more information	Yes	Minor	Anglo American Technical Standard (AA TS 602 001)	No	Yes, Internal Specialist. On demand support from external engineer.	Yes, See Q20 for additional information	Yes (conceptual level), Yes	20. The Chagres slag heap is a deposit of vitreous material, with no water content. It occupies an area of 8 hectares and has full sectoral and environmental permits. 21. The capacity of the heap varies in accordance with deposition rates & removal activities, including sale to 3rd parties or for use in the flotation plant at El Salgado, when required. Every year, topographic control and stability analysis are performed for the heap. 22. External engineering firm. 23. Given its proximity to the plant and the Acapulque river, Road defence systems are in place to protect the deposit from eventual floods. These structures have been approved by the General State Authority. 24. Not performed as yet, but Anglo American long term Sustainable Mining Plan requires this to be done for all managed sites within the next 2 years.	
40	Anglo American	Anglo American	CB	Anglo American	Brazil	Mina Rio	Latitude: 15°18'31" S Longitude: 49°24'17" W	Owned and Operated	Active	2014	Yes	Downstream	41.5	43M	approx. 195M (2024)	2018 & 2019 See Q20 for more information	Yes	Major	Anglo American Technical Standard (AA TS 602 001)	No	Both, Qualified, specialist operations team and Engineer of Record	Yes, 2016	Yes (conceptual level), Yes	20. Dam is constructed as an earthfill (water retaining type) of a dam, with downstream sequential raising. 21. September, 2018 - General Audit by engineering firm, Anglo American Internal specialist also visited the site and facilities in 2017. 22. Anglo American Technical Standard AA TS 602 001 applied and implemented. 23. Brazilian legislation requires complete dam safety review every 2, 3 or 5 years, according to the dam's classification. An update of hydrological data is part of the scope of the DSR. Anglo American long term Sustainable Mining Plan requires this to be done for all managed sites within the next 2 years.	
41	Anglo American	Anglo American	Nickel	Anglo American	Brazil	Soldim	Latitude: 14°08'08" S Longitude: 48°20'31" W	Owned and Operated	Active	1982	Yes	Other, See Q20 for more information	30	487,891	305,000, (See Q 20)	2018, See Q20 for more information	Yes	Low	National Dam Security Policy - Law NP 12.354/2010.	No	Yes, Internal geotechnical expert. External support from a geotechnical consultant when necessary.	No - It does not apply because the risk is low and there is no downstream community.	There is a closure plan for the industrial plant, which includes the reservoirs. The dam from the pond will be processed.	Yes, See Q20 for additional information	26. The volume remains approximately constant due to the cyclical production process. The material is raised, so there is no gain or loss of volume. 27. Not applicable (no dam raising). Embankment type. 28. Technical review: 01/2018. Anglo American Internal specialist also visited the site and facilities in 2017. 29. There is no community downstream of the facility and hazard category is low. 30. There is a closure plan for the industrial plant, which includes the reservoirs. The dam from the pond will be processed. 31. Not performed as yet, but Anglo American long term Sustainable Mining Plan requires this to be done for all managed sites within the next 2 years.
42	Anglo American	Anglo American	Nickel	Anglo American	Brazil	Soldim	Latitude: 14°08'50" S Longitude: 48°20'31" W	Owned and Operated	Active	1982	Yes	Other, See Q20 for more information	20.4	128,594	136,000 (See Q 20)	2018, See Q20 for more information	Yes	Low	National Dam Security Policy - Law NP 12.354/2010.	No	Yes, Internal geotechnical expert. External support from a geotechnical consultant when necessary.	No - It does not apply because the risk is low and there is no downstream community.	There is a closure plan for the industrial plant, which includes the reservoirs. The dam from the pond will be processed.	Yes, See Q20 for additional information	26. The volume remains approximately constant due to the cyclical production process. The material is raised, so there is no gain or loss of volume. 27. Not applicable (no dam raising). Embankment type. 28. Technical review: 01/2018. Anglo American Internal specialist also visited the site and facilities in 2017. 29. There is no community downstream of the facility and hazard category is low. 30. There is a closure plan for the industrial plant, which includes the reservoirs. The dam from the pond will be processed. 31. Not performed as yet, but Anglo American long term Sustainable Mining Plan requires this to be done for all managed sites within the next 2 years.
43	Anglo American	Anglo American	Nickel	Anglo American	Brazil	Soldim	Latitude: 14°09'13" S Longitude: 48°20'36" W	Owned and Operated	Active	1990	Yes	Other, See Q20 for more information	5.3	41,445	41,000 (See Q 20)	2018, See Q20 for more information	Yes	Low	National Dam Security Policy - Law NP 12.354/2010.	No	Yes, Internal geotechnical expert. External support from a geotechnical consultant when necessary.	No - See Q20 for additional information	Yes, See Q 20.	Yes, See Q20 for additional information	26. The volume remains approximately constant due to the cyclical production process. The material is raised, so there is no gain or loss of volume. 27. Not applicable (no dam raising). Embankment type. 28. Technical review: 01/2018. Anglo American Internal specialist also visited the site and facilities in 2017. 29. There is no community downstream of the facility and hazard category is low. 30. There is a closure plan for the industrial plant, which includes the reservoirs. The dam from the pond will be processed. 31. Not performed as yet, but Anglo American long term Sustainable Mining Plan requires this to be done for all managed sites within the next 2 years.
44	Anglo American	Anglo American	Nickel	Anglo American	Brazil	Soldim	Latitude: 14°09'04" S Longitude: 48°20'44" W	Owned and Operated	Inactive	1975	No, See Q20 for more information	Dry Stack	45	3.5M		2017, See Q20 for more information	No	Moderate	Anglo American Technical Standard (AA TS 602 001)	No	Yes, Internal geotechnical expert. External support from a geotechnical consultant when necessary.	No - See Q20 for additional information	Yes	Yes, See Q20 for additional information	20. This facility is a slag pile, with no engineering design, only a defined layout and maximum height. 21. With regard to the deviation from design, there is some deviation from the design footprint. 22. Anglo American Head of HSE. 23. There is no community downstream of the facility and the hazard category is low. 24. Not performed as yet, but Anglo American long term Sustainable Mining Plan requires this to be done for all managed sites within the next 2 years.
45	Anglo American	Anglo American	Nickel	Anglo American	Brazil	Soldim	Latitude: 14°09'20" S Longitude: 48°20'46" W	Owned and Operated	Active	2000	No	Dry Stack	60	3.8 M	2 M	2017, See Q20 for more information	Yes, partial	High	Anglo American Technical Standard (AA TS 602 001)	No	Yes, Internal geotechnical expert. External support from a geotechnical consultant when necessary.	No - See Q20 for additional information	Yes (conceptual level), Yes	20. This facility is a slag pile, with no engineering design, only a defined layout and maximum height. 21. With regard to the deviation from design, there is some deviation from the design footprint. 22. Anglo American Head of HSE. 23. There is no community downstream of the facility and the hazard category is low. 24. Not performed as yet, but Anglo American long term Sustainable Mining Plan requires this to be done for all managed sites within the next 2 years.	

46	Anglo American	Anglo American	Waste	Anglo American	Spain	Barru Alto	Barru Alto Slag Pile No. 1	Latitude: 15°05'22" S Longitude: 48°20'17" W	Devised and Operated	Active	2009	Yes	Dry Stack	80	7.6M	1.26M	2016, See Q20 for more information	Yes	High	Anglo American Technical Standard (IA TS 020 001)	No	Yes, Internal geotechnical report. External support from a geotechnical consultant when necessary.	No, See Q20 for additional information	Yes (conceptual level), Yes	Yes, See Q20 for additional information	Q1: This is a slag pile, with no engineering design, only a defined layout and maximum height. Q2: External engineering firm 2016. Q3: There is no community downstream of the facility and the hazard category is low. Q4: Not performed as yet, but Anglo American long term Sustainability Plan requires this to be done for all managed sites within the next 7 years.
47	Anglo American	Kimberly One	Bulk Commodities	1) Anglo American Plc. 2) Industrial Development Corp. of South Africa Ltd 3) Public Investment Corporation (PIC) Ltd 4) Blackrock Investment Management 5) RMB Morgan Stanley * as at 15 March 2019	South Africa	Johnan	Johnan Mine (DMS) Dams 1 to 4 and DG (subt legs 1 to 4)	27°41'43.1" S 27°52'21.6" E	Devised and operated	Active	2019	Yes, See Q20 for more information	Spinram	18m	180m*	46.54m*	Yes, See Q20 for more information	Yes	Major	Anglo American Technical Standard (IA TS 001 001)	No	Yes	Yes, See Q20 for additional information	Yes, No, See Q20 for additional information	Yes, See Q20 for additional information	Q1: Dam safety assessment (DSA) completed as per the current Short Term Plan Design, but not in line with the 2015 Continuation report in some material properties, such as slurry densities and water loss distribution (PDS), etc. Q2: The facility is currently operated as per the current Short Term Plan Design, but not in line with the 2015 Continuation report in some material properties, such as slurry densities and water loss distribution (PDS), etc. Q3: Done by corporate specialist in Sept 2016. A Technical Review Committee (TRC) to be appointed to act as an independent Expert Reviewer. Q4: A Zone of Influence was modelled in 2011 and updated in 2018, as an input to Emergency Response and Preparedness Plans which were compiled in 2018. Environmental impact will be conducted. Q5: Will include/consider long term monitoring requirements. Q6: 10: Plan in place in line with Anglo American's Long term Sustainability Strategy.
48	Anglo American	Kimberly One	Bulk Commodities	1) Anglo American Plc. 2) Industrial Development Corp. of South Africa Ltd 3) Public Investment Corporation (PIC) Ltd 4) Blackrock Investment Management 5) RMB Morgan Stanley * as at 15 March 2019	South Africa	Johnan	Johnan Mine Dammed Tailings Storage Facility 1 (Hanging)	27°51'42.0" S 27°58'45.7" E	Devised and operated	Inactive	Unknown, See Q20 for more information	Yes, See Q20 for more information	Spinram	0.5m	Not available	Not available	Yes, See Q20 for more information	Yes, See Q20 for more information	Moderate	Anglo American Technical Standard (IA TS 020 001)	No	Yes	Yes, See Q20 for additional information	Yes, No, See Q20 for additional information	Yes, See Q20 for additional information	Q1: Included in the rehabilitation planning for 2020 to 2022. Q2: Legacy site. Q3: Dam is not operational. Q4: Annual Dam Safety Inspection (DSI) on 20 November 2018. A Technical Review Committee (TRC) to be appointed to act as an independent Expert Reviewer. Q5: No analysis was done for this dam, since this is an inactive dam with a moderate rating and are in the planning for rehabilitation. Environmental impact will be conducted. Q6: Will include/consider long term monitoring requirements. Q7: 10: Plan in place in line with Anglo American's Long term Sustainability Strategy.
49	Anglo American	Kimberly One	Bulk Commodities	1) Anglo American Plc. 2) Industrial Development Corp. of South Africa Ltd 3) Public Investment Corporation (PIC) Ltd 4) Blackrock Investment Management 5) RMB Morgan Stanley * as at 15 March 2019	South Africa	Johnan	Johnan Mine Dammed Tailings Storage Facility 2	27°46'29.3" S 27°58'02.3" E	Devised and operated	Inactive	Unknown, See Q20 for more information	Yes, See Q20 for more information	Spinram	Not available	Not available	Yes, See Q20 for more information	Yes, See Q20 for more information	Minor	Anglo American Technical Standard (IA TS 001 001)	No	Yes	Yes, See Q20 for additional information	Yes, No, See Q20 for additional information	Yes, See Q20 for additional information	Q1: Included in the rehabilitation planning for 2020 to 2022. Q2: Legacy site. Q3: Dam is not operational. Q4: Annual Dam Safety Inspection (DSI) on 20 November 2018. A Technical Review Committee (TRC) to be appointed to act as an independent Expert Reviewer. Q5: No analysis was done for this dam, since this is an inactive dam with a moderate rating and are in the planning for rehabilitation. Environmental impact will be conducted. Q6: Will include/consider long term monitoring requirements. Q7: 10: Plan in place in line with Anglo American's Long term Sustainability Strategy.	
50	Anglo American	Kimberly One	Bulk Commodities	1) Anglo American Plc. 2) Industrial Development Corp. of South Africa Ltd 3) Public Investment Corporation (PIC) Ltd 4) Blackrock Investment Management 5) RMB Morgan Stanley * as at 15 March 2019	South Africa	Johnan	Johnan Mine Tailings Facility	27°27'30.0" S 27°56'40.0" E	Devised and operated	Active	2011	Yes	Water Retaining, See Q20 for more information	9.8m	3.053m*	0.113m*	Yes, See Q20 for more information	Yes	Moderate	Anglo American Technical Standard (IA TS 001 001)	No	Yes	Yes, See Q20 for additional information	Yes, No, See Q20 for additional information	Yes, See Q20 for additional information	Q1: Engineered and constructed walls which will fully support the tailings for the life of mine. Q2: Done by corporate specialist in Sept 2016. A Technical Review Committee (TRC) to be appointed to act as an independent Expert Reviewer. Q3: Yes (pre-actuator) & No (Environmental). Q4: Done by influence and downstream impact done based on SANES 10286 preliminary determination. Dates - 2010 (Design of Tailings Storage Facility) & Reviewed 2016 (Code of Practice Revision). Q5: Impact on critical infrastructure: Analysis (DICE Environmental Impact Communities & Ecosystems). Environmental impact will be conducted. Q6: Will include/consider long term monitoring requirements. Q7: 10: Plan in place in line with Anglo American's Long term Sustainability Strategy.
51	Anglo American	Anglo Operations (P) Ltd	Coal SA	Anglo American	South Africa	Soudhshop	Bank 2 Co-disposal	25.57.55.1 - 29.27.29.6	Devised and Operated	Active	2002	Yes	Other, See Q20 for more information	53.5	724.3 M coarse, 7.01 M fines.	0.27 M coarse, 9.08 M fines.	2011	Yes	Major	Anglo American Technical Standard (IA TS 020 001)	No	Yes	Yes, Q4 2018	Yes and yes	Plan in place in line with Anglo American's Long term Sustainability Mining Plan.	
52	Anglo American	Anglo Operations (P) Ltd	Coal SA	Anglo American	South Africa	Soudhshop	Bank 3 Co-disposal	16.00.27.1 - 29.27.30.6	Devised and Operated	Closed	2008	Yes	Other, See Q20 for more information	36	RM	RM	2012	Partial (first years of operation and closure)	High	Anglo American Technical Standard (IA TS 020 001)	No	Internal with external as required.	No	Yes and yes	Plan in place in line with Anglo American's Long term Sustainability Mining Plan.	
53	Anglo American	Anglo Operations (P) Ltd	Coal SA	Anglo American	South Africa	Soudhshop	Scholarie Dump	25.59.07.1 - 29.26.39.6	Devised and Operated	Closed	2013	Yes	Dry Stack	51	0.7M	0.7M	2012	Yes	Highly Significant	Anglo American Technical Standard (IA TS 001 001)	No	Internal with external as required.	No	Yes and yes	Plan in place in line with Anglo American's Long term Sustainability Mining Plan.	
54	Anglo American	Anglo Operations (P) Ltd	Coal SA	Anglo American	South Africa	Soudhshop	Soudhshop Co-disposal	16.05.41.5 - 29.26.43.6	Devised and Operated	Active	2002	Yes	Downstream, See Q20 for more information	64	718.2M coarse, 9.8M fines	21.84M coarse, 10.55M fines	2011	Yes	Major	Anglo American Technical Standard (IA TS 020 001)	No	Yes	Yes, Q4 2018	Yes and yes	Plan in place in line with Anglo American's Long term Sustainability Mining Plan.	

88	Anglo American Platinum	Umkhondo (Private) Limited	Platinum	Anglo American - Public Investment Corporation, Other shareholders	Zimbabwe	Umkhondo
89	Anglo American Platinum	Redding Platinum Mines (Pty) Ltd	Platinum	Anglo American - Public Investment Corporation, Other shareholders	South Africa	Redding Smelter
90	Anglo American Platinum	Redding Platinum Mines (Pty) Ltd	Platinum	Anglo American - Public Investment Corporation, Other shareholders	South Africa	Redding Smelter
91	Anglo American Platinum	Umkhondo (Private) Limited	Platinum	Anglo American - Public Investment Corporation, Other shareholders	Zimbabwe	Umkhondo

Dam 1	39,02427 T, 82,02222 F	Owned and Operated	Active	2020	Yes, See Q20 for more information	Hybrid	24	7.9 M	14.7M	2017, See Q20 for more information	Yes	Major	Anglo American Technical Standard (AA TS 602 001)	Yes, see Q20m for more information	Both	Yes	Yes	Yes	<p>Q6 & Q7- Original design allowed for specific wall ratios of several metres at a time to be constructed using C16, at appropriate time intervals, with a downstream geometry. The first phase of the original wall raising methodology followed a centreline geometry (up to elevation 1203 mmasl). A temporary berm is being constructed upstream using deposited tailings. The design was referred to as the "Historic Wall Ratio" and is limited to a 3m height increment only, to allow time for the next wall raises to be designed. The basis of design and construction will be followed until the implementation of the Future Wall Ratio that is currently at design stage.</p> <p>Q11 Independent Technical Review Panel (ITRP)</p> <p>Q12: Substantial of initial and wall ratios 1 and 2, but incomplete construction records for wall ratio 3.</p> <p>Q13: Formal ICS review report is completed and pending release by an external consultant, and then approved by the Board of M&P.</p> <p>Q15: External sloping of the outer surface of the TSP walls, caused as a consequence of heave and continuous rainfall, has been repaired and the construction activities have been completed. The non-sloped portions of the slopes, which were not in danger of being unstable, were incorporated into the remedial measures. The geometry of the entire outer slopes of both walls has been modified, and as a consequence thereof, the stability of the outer wall slopes has been improved. Risk of future damage of a similar nature has been significantly reduced.</p> <p>Q17: A dam breach and inundation study was completed in 2018. It modelled failures at an interim elevation of 1204 mmasl which is current (year 2019 elevation). Final design height is above this elevation.</p> <p>Q18: There is a closure plan - currently at conceptual level of details in the life of mine as still very long.</p> <p>Q19: Extreme events due to climate change will be assessed company wide for managed ops within the next 2 years.</p> <p>Q21: Remedial ICS report is completed and pending release by an external consultant, and then approved by the Board of M&P.</p> <p>Q22: Annual Stability Evaluation done by independent Engineer</p> <p>Q27: As part of EA, RMP studies for dam extension in 2025.</p> <p>Q28: A closure plan that includes the slag dump is in place. Ground water monitoring is done on quarterly basis and will continue post closure as will be specified in detailed closure plan.</p> <p>Q29: Extreme events due to climate change will be assessed company wide for managed ops within the next 2 years.</p>
Redding Slag Stockpile	16,031608 T, 26,4039 F	Owned and Operated	Active	2020	Yes	Spy stack	28	3.2M (granulated)	1M (granulated)	2018	Yes	Low/Moderate	Local regulations (SANS 10286:1998) and Anglo American Technical Standard (AA TS 602 001)	No	Both	Yes	Yes	Yes	<p>Q21: Remedial ICS report is completed and pending release by an external consultant, and then approved by the Board of M&P.</p> <p>Q22: Annual Stability Evaluation done by independent Engineer</p> <p>Q27: As part of EA, RMP studies for dam extension in 2025.</p> <p>Q28: A closure plan that includes the slag dump is in place. Ground water monitoring is done on quarterly basis and will continue post closure as will be specified in detailed closure plan.</p> <p>Q29: Extreme events due to climate change will be assessed company wide for managed ops within the next 2 years.</p> <p>Q31: Dumping slag using the natural angle of repose of the slag using dump-trucks and Front End Loader following a dumping procedure.</p> <p>Q32: The initial design, operation and maintenance records are incorporated within the Mandatory Code of practice.</p> <p>Q33: Annual Stability Evaluation done by independent Engineer</p> <p>Q37: Assessment was initially undertaken in 2006 and was again conducted in August 2016.</p> <p>Q38: A closure plan that includes the slag dump is in place. Ground water monitoring is done on quarterly basis and will continue post closure as will be specified in detailed closure plan (near to end of life of the smelter).</p> <p>Q39: Extreme events due to climate change will be assessed company wide for managed ops within the next 2 years.</p>
Redding Slag Stockpile	16,031608 T, 27,144167 F	Owned and Operated	Active	2020	Yes	Spy stack	28	3.2M (granulated)	1M (granulated)	Aug 2016	Yes	Low/Moderate	Local regulations (SANS 10286:1998) and Anglo American Technical Standard (AA TS 602 001)	No	Both	Yes	Yes	Yes	<p>Q21: Remedial ICS report is completed and pending release by an external consultant, and then approved by the Board of M&P.</p> <p>Q22: Annual Stability Evaluation done by independent Engineer</p> <p>Q27: As part of EA, RMP studies for dam extension in 2025.</p> <p>Q28: A closure plan that includes the slag dump is in place. Ground water monitoring is done on quarterly basis and will continue post closure as will be specified in detailed closure plan.</p> <p>Q29: Extreme events due to climate change will be assessed company wide for managed ops within the next 2 years.</p> <p>Q31: Dumping slag using the natural angle of repose of the slag using dump-trucks and Front End Loader following a dumping procedure.</p> <p>Q32: The initial design, operation and maintenance records are incorporated within the Mandatory Code of practice.</p> <p>Q33: Annual Stability Evaluation done by independent Engineer</p> <p>Q37: Assessment was initially undertaken in 2006 and was again conducted in August 2016.</p> <p>Q38: A closure plan that includes the slag dump is in place. Ground water monitoring is done on quarterly basis and will continue post closure as will be specified in detailed closure plan (near to end of life of the smelter).</p> <p>Q39: Extreme events due to climate change will be assessed company wide for managed ops within the next 2 years.</p>
Umkhondo Slag Stockpile	18,61304 T, 30,09767 F	Owned and Operated	Active	2018	Yes	Spy stack	Stockpile commissioned October 2018	1.02M (granulated)	1.12M (granulated)	Design 2018	Yes - project documentation	Insignificant	Anglo American Technical Standard (AA TS 602 001)	No	Both	Yes	No	Yes	<p>Q21: Remedial ICS report is completed and pending release by an external consultant, and then approved by the Board of M&P.</p> <p>Q22: Annual Stability Evaluation done by independent Engineer</p> <p>Q27: As part of EA, RMP studies for dam extension in 2025.</p> <p>Q28: A closure plan that includes the slag dump is in place. Ground water monitoring is done on quarterly basis and will continue post closure as will be specified in detailed closure plan.</p> <p>Q29: Extreme events due to climate change will be assessed company wide for managed ops within the next 2 years.</p> <p>Q31: Dumping slag using the natural angle of repose of the slag using dump-trucks and Front End Loader following a dumping procedure.</p> <p>Q32: Original Design documentation for the project exists.</p> <p>Q33: Annual Stability Evaluation will be done by independent Engineer</p> <p>Q37: As part of EA, RMP studies for the Smelter Project.</p> <p>Q38: The Smelter closure plan will be incorporated into the Umkhondo site closure plan.</p> <p>Q39: Extreme events due to climate change will be assessed company wide for managed ops within the next 2 years.</p>