

71	Anglo American	High Operations (PHE) Ltd	Coal SA	Anglo American	South Africa	Greenville	Chromite Dump	25.06.48.1 - 29.09.20.61	Operated and Operated	Inactive	Anglo 1998	No	Dry Stack	33	0.3M	0.3M	2008	No	Minor	AA TS 602 001 CCS rating	No	Both	No	Yes and yes	Plan in place in line with Anglo American's Long term Sustainable Mining Plan	
72	Anglo American	Mafube Colliery (PHE) Ltd	Coal SA	Anglo South Africa Capital Excess	South Africa	Mafube	Mafube Chromite Dump	26.08.21.1 - 29.01.15.1	Active	2008	Yes	Dry Stack	25.7	0.8M coarse	0.33M coarse	2008	Yes	Moderate	AA TS 602 001 CCS rating	No	Both	No	Yes and yes	Plan in place in line with Anglo American's Long term Sustainable Mining Plan		
73	Anglo American	Mafube Colliery (PHE) Ltd	Coal SA	Anglo South Africa Capital Excess	South Africa	Mafube	Mafube Wet material Fine Dump	25.08.21.1 - 29.01.28.0	Active	2008	No	Dry Stack	25	4.3M	Nil retained or incorporated into elsewhere dump		No	High	AA TS 602 001 CCS rating	No	Both	No	Yes and yes	Plan in place in line with Anglo American's Long term Sustainable Mining Plan		
74	Anglo American	High Operations (PHE) Ltd	Coal SA	Anglo American	South Africa	Vryheid Corridor Colliery	No. 1 Dump	27.03.21.1 - 31.03.20.1	Operated and Operated	Closed	1960	Yes	Dry Stack	20	1.25	1.25	2012	Yes	Minor	AA TS 602 001 CCS rating	No	Internal with external as required	No	Facility has been established for closure inclusion of long term monitoring	Plan in place in line with Anglo American's Long term Sustainable Mining Plan	
75	Anglo American	High Operations (PHE) Ltd	Coal SA	Anglo American	South Africa	Vryheid Corridor Colliery	No. 2 Dump	27.03.21.1 - 31.03.20.1	Operated and Operated	Closed	1960	No	Dry Stack	40	1.25	1.25	2012	Yes	Minor	AA TS 602 001 CCS rating	No	Internal with external as required	No	Facility has been established for closure inclusion of long term monitoring	Plan in place in line with Anglo American's Long term Sustainable Mining Plan	
76	Anglo American	High Operations (PHE) Ltd	Coal SA	Anglo American	South Africa	Vryheid Corridor Colliery	No. 3 Dump	27.03.21.1 - 31.03.20.1	Operated and Operated	Closed	1960	No	Dry Stack	26	1.7	1.7	2012	Yes	Minor	AA TS 602 001 CCS rating	No	Internal with external as required	No	Facility has been established for closure inclusion of long term monitoring	Plan in place in line with Anglo American's Long term Sustainable Mining Plan	
77	Anglo American	High Operations (PHE) Ltd	Coal SA	Anglo American	South Africa	Vryheid Corridor Colliery	No. 4 Dump	27.03.21.1 - 31.03.20.1	Operated and Operated	Closed	1960	Yes	Dry Stack	20	3.75	3.75	2012	Yes	Minor	AA TS 602 001 CCS rating	No	Internal with external as required	No	Facility has been established for closure inclusion of long term monitoring	Plan in place in line with Anglo American's Long term Sustainable Mining Plan	
78	Anglo American	High Operations (PHE) Ltd	Coal SA	Anglo American	South Africa	Natal Indriahle Colliery	Wetbank	27.08.21.1 - 31.03.20.1	Operated and Operated	Closed	1960	No	Dry Stack	43	0.7	0.7	2012	Yes	Minor	AA TS 602 001 CCS rating	No	Internal with external as required	No	Facility has been established for closure inclusion of long term monitoring	Plan in place in line with Anglo American's Long term Sustainable Mining Plan	
79	Anglo American	High Operations (PHE) Ltd	Coal SA	Anglo American	South Africa	Ingagane Colliery	Ingagane No. 1	27.02.21.1 - 30.03.20.1	Operated and Operated	Closed	1960	No	Dry Stack	18	0.51	0.51	2012	Yes	Minor	AA TS 602 001 CCS rating	No	Internal with external as required	No	Facility has been established for closure inclusion of long term monitoring	Plan in place in line with Anglo American's Long term Sustainable Mining Plan	
80	Anglo American	High Operations (PHE) Ltd	Coal SA	Anglo American	South Africa	Ingagane Colliery	Ingagane No. 2	27.02.21.1 - 30.03.20.1	Operated and Operated	Closed	1960	No	Dry Stack	8	0.1	0.1	2012	Yes	Minor	AA TS 602 001 CCS rating	No	Internal with external as required	No	Facility has been established for closure inclusion of long term monitoring	Plan in place in line with Anglo American's Long term Sustainable Mining Plan	
81	Anglo American	High Operations (PHE) Ltd	Coal SA	Anglo American	South Africa	Middelburg Steam & Water Colliery	Preparation Dump	25.01.21.1 - 29.01.20.1	Operated and Operated	Inactive	Anglo since 1998	No	Dry Stack	10	0.2	0.2	2011	No	Significant	AA TS 602 001 CCS rating	No	Internal with external as required	No	Yes and yes	Plan in place in line with Anglo American's Long term Sustainable Mining Plan	
82	Anglo American	High Operations (PHE) Ltd	Coal SA	Anglo American	South Africa	Middelburg Steam & Water Colliery	No. 2 Dump	25.01.21.1 - 29.01.17.1	Operated and Operated	Inactive	Anglo since 1998	No	Dry Stack	20	0.4	0.4	2011	No	Significant	AA TS 602 001 CCS rating	No	Internal with external as required	No	Yes and yes	Plan in place in line with Anglo American's Long term Sustainable Mining Plan	
83	Anglo American	Reclaiming Platform Mine (PHE) Ltd	Platinum	Anglo American, Public Investment Corporation, Other shareholders	South Africa	Arandath	Arandath	18.09.21.1 - 27.08.20.1	Operated and Operated	Active	1976	Yes	Upstream	40	0.01	1.8	2018	No	Major (High)	AA TS 602 001 (and SANS 10386)	Yes, see Q20 for more information	Both	Yes, Yes	Yes	Q1: Annualised environmental assessment available from mine plan including IA/DA/PA and biodiversity impact reports for the whole mine. No formal dam breach plans for T21 but a comprehensive dam safety assessment completed on 2018 and 2019. Q2: There is a closure plan - currently at level of details as the full mine is still very long. Q3: Extensive events due to climate change will be assessed company wide for managed up within the next 2 years.	
84	Anglo American	Reclaiming Platform Mine (PHE) Ltd	Platinum	Anglo American, Public Investment Corporation, Other shareholders	South Africa	Magababane	Bidibidane	18.09.21.1 - 28.09.20.1	Operated and Operated	Active	2011	No	Downstream	56.8	27.5	12.6M	2016	Yes	Major (High)	AA TS 602 001 (and SANS 10386)	No	Both	No	Yes, Yes	Yes	Q1: Various studies dealing with various impacts available from mine plan including IA/DA/PA and biodiversity impact reports for the whole mine. No formal dam breach plans for T21 but a comprehensive dam safety assessment completed on 2018 and 2019. Q2: There is a closure plan - currently at level of details as the full mine is still very long. Q3: Extensive events due to climate change will be assessed company wide for managed up within the next 2 years.
85	Anglo American	Reclaiming Platform Mine (PHE) Ltd	Platinum	Anglo American, Public Investment Corporation, Other shareholders	South Africa	Magababane	Vaallop	18.09.21.1 - 28.09.20.1	Operated and Operated	Active	1992	No, see Q20 for additional information	Upstream	47.8	68.5M	79.6M	2016	Yes	Major (High)	AA TS 602 001 (and SANS 10386)	Yes, see Q20 for additional information	Both	Yes	Yes	Yes	Q1: The Vaallop 1 TDF was designed to receive a planned downstream dam. When the upstream dam to receive the downstream dam in the 1990s, the mine experienced a major breach and the downstream dam was not completed. Erosion related to rainfall occurred but no major sloughing. The CPTs work from 2017 and 2018 was used to analyse the TDF stability, and from that the downstream dam was repaired or replaced. The decision made by the mine was to install a new rock buttress wall at place of the original dam. The CPTs work from 2017 and 2018 was used to analyse the bench level and overall stability considering the current location of the phreatic surface which shows that there has been no movement of the phreatic surface. The decision made by the mine was to construct a rock buttress wall at place of the original dam. A dam breach analysis and report was completed in 2018. Q2: There is a closure plan - currently at level of details as the full mine is still very long. Q3: Extensive events due to climate change will be assessed company wide for managed up within the next 2 years.
86	Anglo American	Reclaiming Platform Mine (PHE) Ltd	Platinum	Anglo American, Public Investment Corporation, Other shareholders	South Africa	Moloto	Volokan Dam 1	18.09.21.1 - 28.09.20.1	Operated and Operated	Active	2006	Yes	Upstream	58	1.4M	Formal downstream 2009/2011, 11.1M	2016	Yes	Major (High)	AA TS 602 001 (and SANS 10386)	Yes, see Q20 for more information	Both	Yes	Yes	Yes	Q1: Independent Technical Review (ITR) Q2: In 2017 design was approved between December from 2 and 6. The CPTs being undertaken at that stage was used to design a structure which was constructed from the second half of 2017 up to the end of 2018. This was constructed in response to the increasing volume of water in the TDF as the tailings dam was not sufficient for the volume of water. A dam breach analysis and report was completed in 2018. Q3: There is a closure plan - currently at level of details as the full mine is still very long. Q4: Extensive events due to climate change will be assessed company wide for managed up within the next 2 years.
87	Anglo American	Reclaiming Platform Mine (PHE) Ltd	Platinum	Anglo American, Public Investment Corporation, Other shareholders	South Africa	Moloto	Molokanburg	18.09.21.1 - 28.09.20.1	Operated and Operated	Active	2018	No	Upstream	4	276 M	5.50 M	2018	Yes	Major (High)	AA TS 602 001 (and SANS 10386)	No	Both	Yes	Yes	Yes	Q1: Independent Technical Review (ITR) Q2: Various studies dealing with various impacts available from mine plan including IA/DA/PA and biodiversity impact reports for the whole mine. A dam breach analysis and report was completed in 2018. Q3: There is a closure plan - currently at level of details as the full mine is still very long. Q4: Extensive events due to climate change will be assessed company wide for managed up within the next 2 years.
88	Anglo American	Uthmaniyah (Private) Limited	Platinum	Anglo American, Public Investment Corporation, Other shareholders	Botswana	Uthmaniyah	Dam 1	18.09.21.1 - 28.09.20.1	Operated and Operated	Active	2009	No, see Q20 for more information	Upstream	24	1.9 M	14.7M	2017	Yes	Major (High)	AA TS 602 001 CCS rating	Yes, see Q20 for more information	Both	Yes	Yes	Yes	Q1: Design of dam allowed for specific wall cross of concrete wall to be constructed using the, at appropriate time intervals, with a downstream dam. The 3rd phase of the dam was completed in 2017. The dam is currently being constructed and is expected to be completed in 2020. A dam breach analysis and report was completed in 2018. Q2: There is a closure plan - currently at level of details as the full mine is still very long. Q3: Extensive events due to climate change will be assessed company wide for managed up within the next 2 years.
89	Anglo American	Reclaiming Platform Mine (PHE) Ltd	Platinum	Anglo American, Public Investment Corporation, Other shareholders	South Africa	Potlakaas Smelter	Potlakaas Slag Storage	18.09.21.1 - 28.09.20.1	Operated and Operated	Active	2001	Yes	Dry stack	38	1.3M (granulated)	1.0M (granulated)	2018	Yes	Low	Local regulator (SANS 10386:1998) and AA TS 602 001 CCS rating	No	Both	Yes	Yes	Yes	Q1: Dam breach analysis for the dam was completed in 2018. Q2: There is a closure plan - currently at level of details as the full mine is still very long. Q3: Extensive events due to climate change will be assessed company wide for managed up within the next 2 years.
90	Anglo American	Reclaiming Platform Mine (PHE) Ltd	Platinum	Anglo American, Public Investment Corporation, Other shareholders	South Africa	Morija Smelter	Morija Slag Storage	18.09.21.1 - 28.09.20.1	Operated and Operated	Active	1973	No	Dry stack	28	1.1M (granulated)	1.1M (granulated)	Aug 2018	Yes	Low	Local regulator (SANS 10386:1998) and AA TS 602 001 CCS rating	No	Both	Yes	Yes	Yes	Q1: Dam breach analysis for the dam was completed in 2018. Q2: There is a closure plan - currently at level of details as the full mine is still very long. Q3: Extensive events due to climate change will be assessed company wide for managed up within the next 2 years.
91	Anglo American	Uthmaniyah (Private) Limited	Platinum	Anglo American, Public Investment Corporation, Other shareholders	Botswana	Uthmaniyah	Uthmaniyah Slag Storage	18.09.21.1 - 28.09.20.1	Operated and Operated	Active	2018	No	Dry stack	20	0.53M (granulated)	0.33M (granulated)	Design 2018	Yes	Low	Local regulator (SANS 10386:1998) and AA TS 602 001 CCS rating	No	Both	Yes	Yes	Yes	Q1: Dam breach analysis for the dam was completed in 2018. Q2: There is a closure plan - currently at level of details as the full mine is still very long. Q3: Extensive events due to climate change will be assessed company wide for managed up within the next 2 years.

"New Manager Operations and SO"																										
1	Anglo American	De Beers Diamond Company	De Beers	Government of Botswana, De Beers Group of Companies	Botswana	Orapa	Orapa Plant 2 (Orapa) (Orapa) (Orapa)	Orapa - 21.29.08.01, 25.37.07.0	Non-operated SO	Active	1971	No, see Q20 for more information	Upstream	16	38.8	38.8	2018	No	Minor	Anglo American corporate standard AA TS 602 001	No	Both	No	Yes, Yes, see Q20 for more information	Yes, Yes, see Q20 for more information	Q1: 4 contiguous tailings dams. Q2: The dam breach analysis for the dam was completed in 2018. Q3: There is a closure plan - currently at level of details as the full mine is still very long. Q4: Extensive events due to climate change will be assessed company wide for managed up within the next 2 years.
2	Anglo American	De Beers Diamond Company	De Beers	Government of Botswana, De Beers Group of Companies	Botswana	Orapa	Orapa Plant 1 (Orapa) (Orapa) (Orapa)	Orapa - 21.29.08.01, 25.37.07.0	Non-operated SO	Inactive	1989	No	Upstream	20	17.6	17.6	2018	Yes	Major	Anglo American corporate standard AA TS 602 001	Yes, see Q20 for more information	Both	Yes, 2016, see Q20 for more information	Yes, Yes, see Q20 for more information	Yes	Q1: Description was recently updated. Q2: ITR report was completed in 2018 and 2019. Engineers deemed it unsafe to continue operating at the time and recommended a new emergency dam. Q3: The dam was removed in 2018 and 2019, after which the stability analysis indicated that it could be reconstructed only after remediation work was done. Q4: Stability analysis was done in 2018, which was currently under further investigation. Q5: Dam breach analysis for the dam was completed in 2018 that identified the possible impact and the associated impacts. Environmental impact assessment to follow to include hydrological failure impact. Q6: Contingency plan. Q7: Plan in place in line with Anglo American's Long term Sustainable Mining Plan.
3	Anglo American	De Beers Diamond Company	De Beers	Government of Botswana, De Beers Group of Companies	Botswana	Orapa	Orapa Plant 2 (Orapa) (Orapa) (Orapa)	Orapa - 21.29.08.01, 25.37.07.0	Non-operated SO	Inactive	2004	No, see Q20 for more information	Upstream	39	69.1	69.1	2018	No	Major	Anglo American corporate standard AA TS 602 001	Yes, see Q20 for more information	Both	Yes, 2016, see Q20 for more information	Yes, Yes, see Q20 for more information	Yes	Q1: Description was recently updated. Q2: Original design report available. Detailed design of four (4) tailings dams available. Q3: ITR report was completed in 2018 and 2019. Engineers deemed it unsafe to continue operating at the time and recommended a new emergency dam. Q4: The dam was removed in 2018 and 2019, after which the stability analysis indicated that it could be reconstructed only after remediation work was done. Q5: Stability analysis was done in 2018, which was currently under further investigation. Q6: Contingency plan. Q7: Plan in place in line with Anglo American's Long term Sustainable Mining Plan.
4	Anglo American	De Beers Diamond Company	De Beers	Government of Botswana, De Beers Group of Companies	Botswana	Orapa	Orapa Plant 3 (Orapa) (Orapa) (Orapa)	Orapa - 21.29.08.01, 25.37.07.0	Non-operated SO	Active	2010	No	Centre wall	9 (Orapa 1&2) 8 (Orapa 1&4)	0.09000 (approx) 0.09000 (approx)	Total available volume of 1.8M m ³	Currently under commissioning	No	Major	Anglo American corporate standard AA TS 602 001	Yes, see Q20 for more information	Both	Yes, 2016, see Q20 for more information	Yes, Yes, see Q20 for more information	Yes	Q1: Dam breach analysis for the dam was completed in 2018 that identified the possible impact and the associated impacts. Environmental impact assessment to follow to include hydrological failure impact. Q2: Contingency plan. Q3: Plan in place in line with Anglo American's Long term Sustainable Mining Plan.
5	Anglo American	De Beers Diamond Company	De Beers	Government of Botswana, De Beers Group of Companies	Botswana	Letlamoane	Letlamoane Slag Storage	18.09.21.1 - 28.09.20.1	Non-operated SO	Active	1976	No	Upstream	14	10.7	28.1	2018	Yes	Moderate	Anglo American corporate standard AA TS 602 001	Yes, see Q20 for more information	Both	Yes, 2016, see Q20 for more information	Yes, Yes, see Q20 for more information	Yes	Q1: Original design report available, engineering drawings available, construction design review done in 2016. Q2: ITR report available, construction and as built report available. Q3: Contingency plan for the dam. Q4: Environmental impact assessment to follow to include hydrological failure impact. Q5: Plan in place in line with Anglo American's Long term Sustainable Mining Plan.
6	Anglo American	De Beers Diamond Company	De Beers	Government of Botswana, De Beers Group of Companies	Botswana	Dintsha	Dintsha FTD	18.09.21.1 - 28.09.20.1	Non-operated SO	Active	2001	No	Downstream	11.8	4.1	1.8	2018	Yes	High	Anglo American corporate standard AA TS 602 001	Yes, see Q20 for more information	Both	Yes, 2016, see Q20 for more information	Yes, Yes, see Q20 for more information	Yes	Q1: Original design report available, engineering drawings available, construction design review done in 2016. Q2: ITR report available, construction and as built report available. Q3: Contingency plan for the dam. Q4: Environmental impact assessment to follow to include hydrological failure impact. Q5: Plan in place in line with Anglo American's Long term Sustainable Mining Plan.
7	Anglo American	De Beers Diamond Company	De Beers	Government of Botswana, De Beers Group of Companies	Botswana	Letlamoane	Letlamoane FTD 1.4	24.37.07.0 & 24.47.07.0	Non-operated SO	Inactive	1981	No, see Q20 for more information	Upstream	21.6	49.1	49.1	2018	No	High	Anglo American corporate standard AA TS 602 001	Yes, see Q20 for more information	Both	Yes, 2016, see Q20 for more information	Yes, Yes, see Q20 for more information	Yes	Q1: Four contiguous tailings dams. Q2: The dam is currently being reconstructed and is expected to be completed in 2020. Q3: ITR report was completed in 2018 and 2019. Engineers deemed it unsafe to continue operating at the time and recommended a new emergency dam. Q4: The dam was removed in 2018 and 2019, after which the stability analysis indicated that it could be reconstructed only after remediation work was done. Q5: Stability analysis was done in 2018, which was currently under further investigation. Q6: Contingency plan. Q7: Plan in place in line with Anglo American's Long term Sustainable Mining Plan.
8	Anglo American	De Beers Diamond Company	De Beers	Government of Botswana, De Beers Group of Companies	Botswana	Letlamoane	Letlamoane FTD 7	24.37.07.0 & 24.47.07.0	Non-operated SO	Active	1989	No	Downstream	11.8	35.0	46.0	2018	Yes	Major	Anglo American corporate standard AA TS 602 001	Yes, see Q20 for more information	Both	Yes, 2016, see Q20 for more information	Yes, Yes, see Q20 for more information	Yes	Q1: There is a dam breach analysis available and remediation work done. Environmental impact assessment to follow to include hydrological failure impact. Q2: Contingency plan for the dam. Q3: Plan in place in line with Anglo American's Long term Sustainable Mining Plan.
9	Anglo American	De Beers Diamond Company	De Beers	Government of Botswana, De Beers Group of Companies	Botswana	Letlamoane	Letlamoane FTD 8	24.37.07.0 & 24.47.07.0	Non-operated SO	Active	2001	No	Downstream	11.5	31.8	46.0	2018	Yes	Major	Anglo American corporate standard AA TS 602 001	Yes, see Q20 for more information	Both	Yes, 2016, see Q20 for more information	Yes, Yes, see Q20 for more information	Yes	Q1: There is a dam breach analysis available and remediation work done. Environmental impact assessment to follow to include hydrological failure impact. Q2: Contingency plan for the dam. Q3: Plan in place in line with Anglo American's Long term Sustainable Mining Plan.
10	Anglo American	De Beers Diamond Company	De Beers	Government of Botswana, De Beers Group of Companies	Botswana	Letlamoane	Letlamoane FTD 10	24.37.07.0 & 24.47.07.0	Non-operated SO	Active	2014	No	Dry stack	17	0.00	1.00	2018	Yes	High	Anglo American corporate standard AA TS 602 001	No, see Q20 for more information	Both	No	Yes	Q1: Revised the high moisture content that causes run-aways. No stability concerns are noted. Q2: The dam is currently being reconstructed and is expected to be completed in 2020. Q3: ITR report was completed in 2018 and 2019. Engineers deemed it unsafe to continue operating at the time and recommended a new emergency dam. Q4: The dam was removed in 2018 and 2019, after which the stability analysis indicated that it could be reconstructed only after remediation work was done. Q5: Stability analysis was done in 2018, which was currently under further investigation. Q6: Contingency plan. Q7: Plan in place in line with Anglo American's Long term Sustainable Mining Plan.	

42	Anglo American	South32	Coal Ash	South32, Anglo American	Australia	GENCO	GENCO - TSP 13, See Q20 for more information	27° 19' 54.71", 150° 26.9111'	Non-operated / Active	2011	Yes	Discontinuum	14.8	0.7	11.75	Dec-18	Yes	High A	ACCLO	No	Both	Yes, 2019	Yes, Yes	Yes	Q20: TSP closure is included in GENCO site closure plan. Draft dam break study completed in March 2019, and is currently being finalized.
43	Anglo American	South32	Coal Ash	South32, Anglo American	Australia	GENCO	GENCO - TSP 13, See Q20 for more information	27° 19' 54.71", 150° 26.9111'	Non-operated / Active	2018	Yes	Discontinuum	11	0.7	13.8	Dec-18	Partial	High C	ACCLO	No	Both	Yes, 2017	Yes, Yes	Yes	Q21: Partial decommission - TSP 13 being decommissioned in 2 phases and the as-built report encompassing both phases has yet to be completed. Q20: TSP closure is included in GENCO site closure plan.
44	Anglo American	South32	Coal Ash	South32, Anglo American	Australia	GENCO	GENCO - TSP 14, See Q20 for more information	27° 19' 58.671", 150° 25.8001'	Non-operated / Active	2014	Yes	Discontinuum	12.7	4.1	4.7	Dec-18	Partial	Significant	ACCLO	No	Both	Yes, 2018	Yes, Yes	Yes	Q20: TSP closure is included in GENCO site closure plan.
45	Anglo American	South32	Coal Ash	South32, Anglo American	Australia	GENCO	GENCO - TSP 16, See Q20 for more information	27° 19' 52.171", 150° 26.1711'	Non-operated / Active	2016	Yes	Discontinuum	11.7	2.8	4.9	Dec-18	Yes	Significant	ACCLO	No	Both	Yes, 2018	Yes, Yes	Yes	Q20: TSP closure is included in GENCO site closure plan.
46	Anglo American	South32	Coal Ash	South32, Anglo American	South Africa	Metallurg	Metallurg - New North Plant Design Dam, See Q20 for more information	27° 14' 27.67", 27° 19' 26.11'	Non-operated / Active	1998	Yes	Discontinuum	4.4	0.06	0.06	Aug-18	Yes	Small Category 1	DM 139	No	Both	No, See Q20 for more information	Yes, Yes	Yes	Q21: Department of Water and Sanitation in terms of DM 139 of February 2012 promulgated in terms of the Water Act, 34 of 1956 and Chapter 12 of the National Water Act (Act No. 36 of 1956). Regulations regarding the safety of dams in terms of Section 123 (2) of the National Water Act, 1956. Q22: Dams are the priority with the risk. Q23: Closure is included in Metallurg site closure plan and the facility to be capped at closure and monitored for 5 years.
47	Anglo American	South32	Coal Ash	South32, Anglo American	South Africa	Metallurg	Metallurg - New West Plant Design Dam, See Q20 for more information	27° 13' 13.87", 27° 19' 26.61'	Non-operated / Active	1998	Yes	Discontinuum	4.75	0.09	0.11	Aug-18	Yes	Small Category 1	DM 139	No	Both	No, See Q20 for more information	Yes, Yes	Yes	Q21: Department of Water and Sanitation in terms of DM 139 of February 2012 promulgated in terms of the Water Act, 34 of 1956 and Chapter 12 of the National Water Act (Act No. 36 of 1956). Regulations regarding the safety of dams in terms of Section 123 (2) of the National Water Act, 1956. Q22: Dams are the priority with the risk. Q23: Closure is included in Metallurg site closure plan and the facility to be capped at closure and monitored for 5 years.
48	Anglo American	South32	Coal Ash	South32, Anglo American	Australia	TEMCO	TEMCO - Furnace Dam 1, See Q20 for more information	42° 7' 59.17", 140° 19.8001'	Non-operated / Inactive	1989	No	Discontinuum	7	0.11	0.11	Inactive > 20 years	Yes	Not Classified, See Q20 for further information	ACCLO	No	Both	No	Yes, Yes	Yes	Q21: Dam inactive > 20 years and the hazard category has not been defined. Q20: Closure options currently being assessed (feasibility study).
49	Anglo American	South32	Coal Ash	South32, Anglo American	Australia	TEMCO	TEMCO - Furnace Dam 2, See Q20 for more information	42° 7' 59.17", 140° 19.7491'	Non-operated / Inactive	1989	No	Discontinuum	4.1	0.07	0.07	Inactive > 15 years	Yes	Not Classified, See Q20 for further information	ACCLO	No	Both	No	Yes, Yes	Yes	Q21: Dam inactive > 20 years and the hazard category has not been defined. Q20: Closure options currently being assessed (feasibility study).
50	Anglo American	South32	Coal Ash	South32, Anglo American	Australia	TEMCO	TEMCO - Furnace Dam 3, See Q20 for more information	42° 7' 59.17", 140° 19.8111'	Non-operated / Active	2002	Yes	Discontinuum	5.65	0.14	0.16	Mar-19	Yes	Significant	ACCLO	No	Both	Yes, 2011	Yes, Yes	Yes	Q20: Based on Q20D2* solids added to dam per annum. Q20: Closure options currently being assessed (feasibility study).
51	Anglo American	Jabilfish Group	Coal Ash	Jabilfish Group, Merabank Coal, Sappi Coal and AMCO	Australia	Laber Vermont Mine	Q20A	27° 37' 23.7", 149° 49.9171'	Non-operated / Inactive	2006	No	Discontinuum Co-Regional	25	7,450,000, See Q20 for more information	7,450,000, See Q20 for more information	2019	Yes	See - Home to Nations Significant General Environmental Norm Low Economic Loss or Property Damage	Discontinuum Department of Environment and Science - Manual for assessing consequence categories and hydro-physical performance of structures	No	External	Yes, 2014, See Q20 for more information	Yes, Yes, See Q20 for more information	Yes	Q20: Q20D Volume relates to combined coarse reject and tailings volumes. Q21: The resulting environmental impact was assessed as part of the consequence category assessment. Q22: Lake Vermont Mine Rehabilitation Plan includes stabilizing the CDAs such that they are water chocking, capped and covered with topsoil, seeded with native grass species, and monitored along with other mine rehabilitation over the life of the mine.
52	Anglo American	Jabilfish Group	Coal Ash	Jabilfish Group, Merabank Coal, Sappi Coal and AMCO	Australia	Laber Vermont Mine	Q20B	27° 38' 03.7", 149° 49.9671'	Non-operated / Active	2012	Yes	Discontinuum Co-Regional	25.0	7,450,000, See Q20 for more information	11,000,000, See Q20 for more information	2019	Yes	See - Home to Nations Significant General Environmental Norm Low Economic Loss or Property Damage	Discontinuum Department of Environment and Science - Manual for assessing consequence categories and hydro-physical performance of structures	No	External	Yes, 2016, See Q20 for more information	Yes, Yes, See Q20 for more information	Yes	Q20: Q20D Volume relates to combined coarse reject and tailings volumes. Q21: The resulting environmental impact was assessed as part of the consequence category assessment. Q22: Lake Vermont Mine Rehabilitation Plan includes stabilizing the CDAs such that they are water chocking, capped and covered with topsoil, seeded with native grass species, and monitored along with other mine rehabilitation over the life of the mine.
53	Anglo American	Jabilfish Group	Coal Ash	Jabilfish Group, Merabank Coal, Sappi Coal and AMCO	Australia	Laber Vermont Mine	Q20C	27° 37' 23.7", 149° 49.9471'	Non-operated / Active	2017	Yes	Discontinuum Co-Regional	17.9	1,000,000 (See Q20 for more information)	10,000,000 (See Q20 for more information)	2019	Yes	See - Home to Nations Significant General Environmental Norm Low Economic Loss or Property Damage	Discontinuum Department of Environment and Science - Manual for assessing consequence categories and hydro-physical performance of structures	No	External	Yes, 2016, See Q20 for more information	Yes, Yes, See Q20 for more information	Yes	Q20: Q20D Volume relates to combined coarse reject and tailings volumes. Q21: The resulting environmental impact was assessed as part of the consequence category assessment. Q22: Lake Vermont Mine Rehabilitation Plan includes stabilizing the CDAs such that they are water chocking, capped and covered with topsoil, seeded with native grass species, and monitored along with other mine rehabilitation over the life of the mine.
54	Anglo American	Jabilfish Group	Coal Ash	Jabilfish Group, Merabank Coal, Sappi Coal and AMCO	Australia	Jabilfish Mine	Major Tailings Facility	27° 37' 23.7", 149° 49.9171'	Non-operated / Active	2003	Yes	Other	0 Ground level	3,300,000	2,158,000	2019	Yes	See - Home to Nations Significant General Environmental Norm Low Economic Loss or Property Damage	Discontinuum Department of Environment and Science - Manual for assessing consequence categories and hydro-physical performance of structures	No	External	Yes, 2017, See Q20 for more information	Yes, See Q20 for more information	No	Q21: The significant category relates to process water being returned to the environment. Q21: The resulting environmental impact was assessed as part of the consequence category assessment.
55	Anglo American	Platinum	Platinum	Rustenburg Platinum Mines (Pty) Ltd, Africa Resource Corporation	South Africa	Bakoni JV	Controlled Dam	24 29 44 S, 28 07 00 E	Non-operated / Inactive	2004	Yes	Care and Maintenance	17	7.07 M	7.07M	Sep 2016	Yes	Major (High)	Local regulations (SANS 10286:1998)	No	Both	No, See Q20 for more information	No	Yes	Q21: Only zone of influence within the mine premises.
56	Anglo American	Platinum	Platinum	Rustenburg Platinum Mines (Pty) Ltd, Africa Resource Corporation	South Africa	Bakoni JV	Dam 6	24 30 23 S, 28 08 24 E	Non-operated / Inactive	2004	Yes	Care and Maintenance	26.4	7.17M	7.17M	Sep 2016	Yes	Major (High)	Local regulations (SANS 10286:1998)	No	Both	No, See Q20 for more information	No	Yes	Q21: Only zone of influence within the mine premises.
57	Anglo American	Platinum	Platinum	Rustenburg Platinum Mines (Pty) Ltd, Africa Resource Corporation	South Africa	Medunsa JV	Medunsa	24 05 13 S, 28 13 30 E	Non-operated / Active	2003	Yes	Upstream	42	12M	12M	2016	Yes	Major (High)	Local regulations (SANS 10286:1998)	Yes, A Sublime was constructed to restore stability.	External	No, See Q20 for more information	No, No	No	Q20: Yes, A Sublime was constructed to restore stability. Phase 1 business construction commenced in December 2011 and was completed in September 2013. Phase 2 business construction commenced in October 2013 and was completed in August 2017. Q21: Various studies dealing with tailings impacts available from Mine Staff including SA/DAHP and biodiversity impact reports for the whole mine. No formal dam breach done for T20, but a conceptual Q20 is done. No specific impact study report done focusing specifically on T20 breach through. Q22: Yes, but no long term monitoring envisaged at this point in time.
58	Anglo American	Platinum	Platinum	Rustenburg Platinum Mines (Pty) Ltd, Africa Resource Corporation	South Africa	Frontal JV (PSA1)	K1	25 17 30 S, 27 22 04 E	Non-operated / Active	1999	Yes	Upstream	41.2	5.3M	6.2M in June 2013	2018	Yes	Major (High)	Local regulations (SANS 10286:1998)	No	External	No, See Q20 for more information	Yes, No	No	Q21: Review was conducted by external Engineer of Record. Q22: Various studies dealing with tailings impacts available from Mine Staff including SA/DAHP and biodiversity impact reports for the whole mine. No formal dam breach done for T20, but a conceptual Q20 is done. No specific impact study report done focusing specifically on T20 breach through. Q23: Yes, but no long term monitoring envisaged at this point in time.
59	Anglo American	Platinum	Platinum	Rustenburg Platinum Mines (Pty) Ltd, Africa Resource Corporation	South Africa	Frontal JV (PSA1)	K10	25 17 34 S, 27 35 51 E	Non-operated / Active	2001	Yes	Upstream	37.5	10.1M	11.9M in June 2012	2018	Yes	Major (High)	Local regulations (SANS 10286:1998)	Yes, A Sublime was constructed to restore stability.	External	No, See Q20 for more information	Yes, No	No	Q21: Review was conducted by external Engineer of Record. Q22: Yes, A Sublime was constructed to restore stability. Business construction was installed between end of 2011 regarding Q20. Q23: Various studies dealing with tailings impacts available from Mine Staff including SA/DAHP and biodiversity impact reports for the whole mine. No formal dam breach done for T20, but a conceptual Q20 is done. No specific impact study report done focusing specifically on T20 breach through. Q24: Yes, but no long term monitoring envisaged at this point in time.
60	Anglo American	Platinum	Platinum	Rustenburg Platinum Mines (Pty) Ltd, Africa Resource Corporation	South Africa	Frontal JV (PSA1)	K2	25 17 38 S, 27 36 04 E	Non-operated / Active	2001	Yes	Upstream	31.9	10M	10.4M in Dec 2012	2018	Yes	Major (High)	Local regulations (SANS 10286:1998)	Yes, A Sublime was constructed to restore stability.	External	No, See Q20 for more information	Yes, No	No	Q21: Review was conducted by external Engineer of Record. Q22: The first business construction on this T20 started in 2012 on the North side of T20, and in 2013 South side of T20, 2011, 2014 and 2017. Q23: Various studies dealing with tailings impacts available from Mine Staff including SA/DAHP and biodiversity impact reports for the whole mine. No formal dam breach done for T20, but a conceptual Q20 is done. No specific impact study report done focusing specifically on T20 breach through. Q24: Yes, but no long term monitoring envisaged at this point in time.
61	Anglo American	Platinum	Platinum	Rustenburg Platinum Mines (Pty) Ltd, Africa Resource Corporation	South Africa	Frontal JV (PSA2)	Medunsa	25 17 23 S, 27 40 50 E	Non-operated / Active	Unknown	Yes	Upstream	22.1	11.0M	10.8M in June 2012	2018	Yes	Major (High)	Local regulations (SANS 10286:1998)	Yes, A Sublime was constructed to restore stability.	External	No, See Q20 for more information	Yes, No	No	Q21: Review was conducted by external Engineer of Record. Q22: Yes, A Sublime was constructed to restore stability. Business construction was done in 2003 and 2013. Q23: Various studies dealing with tailings impacts available from Mine Staff including SA/DAHP and biodiversity impact reports for the whole mine. No formal dam breach done for T20, but a conceptual Q20 is done. No specific impact study report done focusing specifically on T20 breach through. Q24: Yes, but no long term monitoring envisaged at this point in time.
62	Anglo American	Platinum	Platinum	Rustenburg Platinum Mines (Pty) Ltd, Africa Resource Corporation	South Africa	Medunsa	Medunsa	25 17 23 S, 27 40 50 E	Non-operated / Active	Unknown	Yes	Upstream	22.1	11.0M	10.8M in June 2012	2018	Yes	Major (High)	Local regulations (SANS 10286:1998)	Yes, A Sublime was constructed to restore stability.	External	No, See Q20 for more information	Yes, No	No	Q21: Review was conducted by external Engineer of Record. Q22: Yes, A Sublime was constructed to restore stability. Business construction was done in 2003 and 2013. Q23: Various studies dealing with tailings impacts available from Mine Staff including SA/DAHP and biodiversity impact reports for the whole mine. No formal dam breach done for T20, but a conceptual Q20 is done. No specific impact study report done focusing specifically on T20 breach through. Q24: Yes, but no long term monitoring envisaged at this point in time.
63	Anglo American	Platinum	Platinum	Rustenburg Platinum Mines (Pty) Ltd, Africa Resource Corporation	South Africa	Medunsa	Medunsa	25 17 23 S, 27 40 50 E	Non-operated / Active	Unknown	Yes	Upstream	22.1	11.0M	10.8M in June 2012	2018	Yes	Major (High)	Local regulations (SANS 10286:1998)	Yes, A Sublime was constructed to restore stability.	External	No, See Q20 for more information	Yes, No	No	Q21: Review was conducted by external Engineer of Record. Q22: Yes, A Sublime was constructed to restore stability. Business construction was done in 2003 and 2013. Q23: Various studies dealing with tailings impacts available from Mine Staff including SA/DAHP and biodiversity impact reports for the whole mine. No formal dam breach done for T20, but a conceptual Q20 is done. No specific impact study report done focusing specifically on T20 breach through. Q24: Yes, but no long term monitoring envisaged at this point in time.
64	Anglo American	Platinum	Platinum	Rustenburg Platinum Mines (Pty) Ltd, Africa Resource Corporation	South Africa	Medunsa	Medunsa	25 17 23 S, 27 40 50 E	Non-operated / Active	Unknown	Yes	Upstream	22.1	11.0M	10.8M in June 2012	2018	Yes	Major (High)	Local regulations (SANS 10286:1998)	Yes, A Sublime was constructed to restore stability.	External	No, See Q20 for more information	Yes, No	No	Q21: Review was conducted by external Engineer of Record. Q22: Yes, A Sublime was constructed to restore stability. Business construction was done in 2003 and 2013. Q23: Various studies dealing with tailings impacts available from Mine Staff including SA/DAHP and biodiversity impact reports for the whole mine. No formal dam breach done for T20, but a conceptual Q20 is done. No specific impact study report done focusing specifically on T20 breach through. Q24: Yes, but no long term monitoring envisaged at this point in time.
65	Anglo American	Platinum	Platinum	Rustenburg Platinum Mines (Pty) Ltd, Africa Resource Corporation	South Africa	Medunsa	Medunsa	25 17 23 S, 27 40 50 E	Non-operated / Active	Unknown	Yes	Upstream	22.1	11.0M	10.8M in June 2012	2018	Yes	Major (High)	Local regulations (SANS 10286:1998)	Yes, A Sublime was constructed to restore stability.	External	No, See Q20 for more information	Yes, No	No	Q21: Review was conducted by external Engineer of Record. Q22: Yes, A Sublime was constructed to restore stability. Business construction was done in 2003 and 2013. Q23: Various studies dealing with tailings impacts available from Mine Staff including SA/DAHP and biodiversity impact reports for the whole mine. No formal dam breach done for T20, but a conceptual Q20 is done. No specific impact study report done focusing specifically on T20 breach through. Q24: Yes, but no long term monitoring envisaged at this point in time.
66	Anglo American	Platinum	Platinum	Rustenburg Platinum Mines (Pty) Ltd, Africa Resource Corporation	South Africa	Medunsa	Medunsa	25 17 23 S, 27 40 50 E	Non-operated / Active	Unknown	Yes	Upstream	22.1	11.0M	10.8M in June 2012	2018	Yes	Major (High)	Local regulations (SANS 10286:1998)	Yes, A Sublime was constructed to restore stability.	External	No, See Q20 for more information	Yes, No	No	Q21: Review was conducted by external Engineer of Record. Q22: Yes, A Sublime was constructed to restore stability. Business construction was done in 2003 and 2013. Q23: Various studies dealing with tailings impacts available from Mine Staff including SA/DAHP and biodiversity impact reports for the whole mine. No formal dam breach done for T20, but a conceptual Q20 is done. No specific impact study report done focusing specifically on T20 breach through. Q24: Yes, but no long term monitoring envisaged at this point in time.
67	Anglo American	Platinum	Platinum	Rustenburg Platinum Mines (Pty) Ltd, Africa Resource Corporation	South Africa	Medunsa	Medunsa	25 17 23 S, 27 40 50 E	Non-operated / Active	Unknown	Yes	Upstream	22.1	11.0M	10.8M in June 2012	2018	Yes	Major (High)	Local regulations (SANS 10286:1998)	Yes, A Sublime was constructed to restore stability.	External	No, See Q20 for more information	Yes, No	No	Q21: Review was conducted by external Engineer of Record. Q22: Yes, A Sublime was constructed to restore stability. Business construction was done in 2003 and 2013. Q23: Various studies dealing with tailings impacts available from Mine Staff including SA/DAHP and biodiversity impact reports for the whole mine. No formal dam breach done for T20, but a conceptual Q20 is done. No specific impact study report done focusing specifically on T20 breach through. Q24: Yes, but no long term monitoring envisaged at this point in time.
68	Anglo American	Platinum	Platinum	Rustenburg Platinum Mines (Pty) Ltd, Africa Resource Corporation	South Africa	Medunsa	Medunsa	25 17 23 S, 27 40 50 E	Non-operated / Active	Unknown	Yes	Upstream	22.1	11.0M	10.8M in June 2012	2018	Yes	Major (High)	Local regulations (SANS 10286:1998)	Yes, A Sublime was constructed to restore stability.	External	No, See Q20 for more information	Yes, No	No	Q21: Review was conducted by external Engineer of Record. Q22: Yes, A Sublime was constructed to restore stability. Business construction was done in 2003 and 2013. Q23: Various studies dealing with tailings impacts available from Mine Staff including SA/DAHP and biodiversity impact reports for the whole mine. No formal dam breach done for T20, but a conceptual Q20 is done. No specific impact study report done focusing specifically on T20 breach through. Q24: Yes, but no long term monitoring envisaged at this point in time.
69	Anglo American	Platinum	Platinum	Rustenburg Platinum Mines (Pty) Ltd, Africa Resource Corporation	South Africa	Medunsa	Medunsa	25 17 23 S, 27 40 50 E	Non-operated / Active	Unknown	Yes	Upstream	22.1	11.0M	10.8M in June 2012	2018	Yes	Major (High)	Local regulations (SANS 10286:1998)	Yes, A Sublime was constructed to restore stability.	External	No, See Q20 for more information	Yes, No	No	Q21: Review was conducted by external Engineer of Record. Q22: Yes, A Sublime was constructed to restore stability. Business construction was done in 2003 and 2013. Q23: Various studies dealing with tailings impacts available from Mine Staff including SA/DAHP and biodiversity impact reports for the whole mine. No formal dam breach done for T20, but a conceptual Q20 is done. No specific impact study report done focusing specifically on T20 breach through. Q24: Yes, but no long term monitoring envisaged at this point in time.
70	Anglo American	Platinum	Platinum	Rustenburg Platinum Mines (Pty) Ltd, Africa Resource Corporation	South Africa	Medunsa	Medunsa	25 17 23 S, 27 40 50 E	Non-operated / Active	Unknown	Yes	Upstream	22.1	11.0M	10.8M in June 2012	2018	Yes	Major (High)	Local regulations (SANS 10286:1998)	Yes, A Sublime was constructed to restore stability.	External	No, See Q20 for more information	Yes, No	No	Q21: Review was conducted by external Engineer of Record. Q22: Yes, A Sublime was constructed to restore stability. Business construction was done in 2003 and 2013. Q23: Various studies dealing with tailings impacts available from Mine Staff including SA/DAHP and biodiversity impact reports for the whole mine. No formal dam breach done for T20, but a conceptual Q20 is done. No specific impact study report done focusing specifically on T20 breach through. Q24: Yes, but no long term monitoring envisaged at this point in time.
71	Anglo American	Platinum	Platinum	Rustenburg Platinum Mines (Pty) Ltd, Africa Resource Corporation	South Africa	Medunsa	Medunsa	25 17 23 S, 27 40 50 E	Non-operated / Active	Unknown	Yes	Upstream	22.1	11.0M	10.8M in June 2012	2018	Yes	Major (High)	Local regulations (SANS 10286:1998)	Yes, A Sublime was constructed to restore stability.	External	No, See Q20 for more information	Yes, No	No	Q21: Review was conducted by external Engineer of Record. Q22: Yes, A Sublime was constructed to restore stability. Business construction was done in 2003 and 2013. Q23: Various studies dealing with tailings impacts available from Mine Staff including SA/DAHP and biodiversity impact reports for the whole mine. No formal dam breach done for T20, but a conceptual Q20 is done. No specific impact study report done focusing specifically on T20 breach through. Q24: Yes, but no long term monitoring envisaged at this point in time.
72	Anglo American	Platinum	Platinum	Rustenburg Platinum Mines (Pty) Ltd, Africa Resource Corporation	South Africa	Medunsa	Medunsa	25 17 23 S, 27 40 50 E	Non-operated / Active	Unknown	Yes	Upstream	22.1	11.0M	10.8M in June 2012	2018	Yes	Major (High)	Local regulations (SANS 10286:1998)	Yes, A Sublime was constructed to restore stability.	External	No, See Q20 for more information	Yes, No	No	Q21: Review was conducted by external Engineer of Record. Q22: Yes, A Sublime was constructed to restore stability. Business construction was done in 2003 and 2013. Q23: Various studies dealing with tailings impacts available from Mine Staff including SA/DAHP and biodiversity impact reports for the whole mine. No formal dam breach done for T20, but a conceptual Q20 is done. No specific impact study report done focusing specifically on T20 breach through. Q24: Yes, but no long term monitoring envisaged at this point in time.
73	Anglo American	Platinum	Platinum	Rustenburg Platinum Mines (Pty) Ltd, Africa Resource Corporation	South Africa	Medunsa	Medunsa	25 17 23 S, 27 40 50 E	Non-operated / Active	Unknown	Yes	Upstream	22.1	11.0M	10.8M in June 2012	2018	Yes	Major (High)	Local regulations (SANS 10286:1998)	Yes, A Sublime was constructed to restore stability.	External	No, See Q20 for more information	Yes, No	No	Q21: Review was conducted by external Engineer of Record. Q22: Yes, A Sublime was constructed to restore stability. Business construction was done in 2003 and 2013. Q23: Various studies dealing with tailings impacts available from Mine Staff including SA/DAHP and biodiversity impact reports for the whole mine. No formal dam breach done for T20, but a conceptual Q20 is done. No specific impact study report done focusing specifically on T20 breach through. Q