

19	Anglo American	Namdeb Diamond Corporation	De Beers	De Beers, Government of the Republic of Namibia	Namibia	Orange River	Subarea FID 4 (Zone 7)	20°14'37" S 16°46'47" E	Non-operated JV	Inactive	2011	Yes	Downstream	0	0.3M	0.3M	2010	Yes	Substrate	Anglo American Technical Standard (AA TS 002 001)	Yes	Both	No, See Q20 for more information	Yes, Yes, See Q20 for more information	Yes, See Q20 for more information	Q20: Cracks became visible in diversion wall as well as seepage at the toe in 2011. Diversion was stopped, a boulder was constructed and access to diversion well barricaded off. Q21: Namdeb developed emergency response procedures and plan in case of disasters. The Environmental Management Programme Report (EMPR) for ML42 (2010) makes provision for the potential ecological impact. The impact on communities was not assessed in case of a dam failure since communities are far removed from the operations. Dam breach analysis to follow. Q22: The updated EMPR for which an environmental clearance was issued (i) it makes provision in general for the upstream and downstream monitoring of the river in the event that there is a potential risk for pollution.
20	Anglo American	Namdeb Diamond Corporation	De Beers	De Beers, Government of the Republic of Namibia	Namibia	Orange River	Subarea FID 5 (Zone 8)	20°14'28" S 16°46'34" E	Non-operated JV	Active	2014	Yes	±0 ft	0	1.5M	0.8M	2010	No	Minor	Anglo American Technical Standard (AA TS 002 001)	No	Both	No, See Q20 for more information	Yes, Yes, See Q20 for more information	Yes, See Q20 for more information	Q21: Namdeb developed emergency response procedures and plan in case of disasters. The Environmental Management Programme Report (EMPR) for ML42 (2010) makes provision for the potential ecological impact. The impact on communities was not assessed in case of a dam failure since communities are far removed from the operations. Dam breach analysis to follow. Q22: The updated EMPR for which an environmental clearance was issued (i) it makes provision in general for the upstream and downstream monitoring of the river in the event that there is a potential risk for pollution. Q23: Plan in place in line with Anglo American's Long term Sustainable Mining Plan.
21	Anglo American	Namdeb Diamond Corporation	De Beers	De Beers, Government of the Republic of Namibia	Namibia	Orange River	Sendelingsbif FID 6 (Zone 7)	20° 9'23" S 16°52'27" E	Non-operated JV	Inactive	2014	Yes	±0 ft	0	0.3M	0.3M	2010	Yes	Minor	Anglo American Technical Standard (AA TS 002 001)	No	Both	No, See Q20 for more information	Yes, Yes, See Q20 for more information	Yes, See Q20 for more information	Q21: Namdeb developed emergency response procedures and plan in case of disasters. The Environmental Management Programme Report (EMPR) for ML42 (2010) makes provision for the potential ecological impact. The impact on communities was not assessed in case of a dam failure since communities are far removed from the operations. Dam breach analysis to follow. Q22: The updated EMPR for which an environmental clearance was issued (i) it makes provision in general for the upstream and downstream monitoring of the river in the event that there is a potential risk for pollution. Q23: Plan in place in line with Anglo American's Long term Sustainable Mining Plan.
22	Anglo American	Namdeb Diamond Corporation	De Beers	De Beers, Government of the Republic of Namibia	Namibia	Orange River	Sendelingsbif FID 7 (Zone 6)	20° 8'36" S 16°52'37" E	Non-operated JV	Active	2010	Yes	±0 ft	0	0.3M	0.6M	2010	Yes	Minor	Anglo American Technical Standard (AA TS 002 001)	No	Both	No, See Q20 for more information	Yes, Yes, See Q20 for more information	Yes, See Q20 for more information	Q21: Namdeb developed emergency response procedures and plan in case of disasters. The Environmental Management Programme Report (EMPR) for ML42 (2010) makes provision for the potential ecological impact. The impact on communities was not assessed in case of a dam failure since communities are far removed from the operations. Dam breach analysis to follow. Q22: The updated EMPR for which an environmental clearance was issued (i) it makes provision in general for the upstream and downstream monitoring of the river in the event that there is a potential risk for pollution. Q23: Plan in place in line with Anglo American's Long term Sustainable Mining Plan.
23	Anglo American	Namdeb Diamond Corporation	De Beers	De Beers, Government of the Republic of Namibia	Namibia	Orange River	Sendelingsbif CRD - T01	20° 9'44" S 16°51'9" E	Non-operated JV	Active	2014	Yes	Dry stack	05	0.3M	0.7M		Yes	Insignificant	Anglo American Technical Standard (AA TS 002 001)	No	Both	No, See Q20 for more information	Yes, Yes, See Q20 for more information	Yes, See Q20 for more information	Q21: The Environmental Management Programme Report (EMPR, 2010) makes provision for the potential ecological impact. Breach analysis to follow. Q22: The updated closure plan makes provision for rehabilitation of the CRD (i) Aftercare and monitoring is part of the long term closure costs. Q23: Plan in place in line with Anglo American's Long term Sustainable Mining Plan.
24	Anglo American	Namdeb Diamond Corporation	De Beers	De Beers, Government of the Republic of Namibia	Namibia	Orange River	Subarea DTP CRD	20° 16'38" S 16°46'36" E	Non-operated JV	Inactive	2000	Yes	Dry stack	08	11.2M	11.2M	2015	No	Insignificant	Anglo American Technical Standard (AA TS 002 001)	No	Both	No, See Q20 for more information	Yes, Yes, See Q20 for more information	Yes, See Q20 for more information	Q21: The Environmental Management Programme Report (EMPR, 2010) makes provision for the potential ecological impact. Breach analysis to follow. Q22: The updated closure plan makes provision for rehabilitation of the CRD (i) Aftercare and monitoring is part of the long term closure costs. Q23: Plan in place in line with Anglo American's Long term Sustainable Mining Plan.
25	Anglo American	Namdeb Diamond Corporation	De Beers	De Beers, Government of the Republic of Namibia	Namibia	Orange River	Subarea DTP CRD	20° 14'40" S 16°46'20" E	Non-operated JV	Inactive	2000	Yes	Dry stack	07	0.8M	0.8M	2015	No	Insignificant	Anglo American Technical Standard (AA TS 002 001)	No	Both	No, See Q20 for more information	Yes, Yes, See Q20 for more information	Yes, See Q20 for more information	Q21: The Environmental Management Programme Report (EMPR, 2010) makes provision for the potential ecological impact. Breach analysis to follow. Q22: The updated closure plan makes provision for rehabilitation of the CRD (i) Aftercare and monitoring is part of the long term closure costs. Q23: Plan in place in line with Anglo American's Long term Sustainable Mining Plan.
26	Anglo American	Namdeb Diamond Corporation	De Beers	De Beers, Government of the Republic of Namibia	Namibia	Orange River	Auchas CRD	20° 8'13" S 16°40'9" E	Non-operated JV	Inactive	2000	Yes	Dry stack	04	0.2M	0.2M	2015	No	Insignificant	Anglo American Technical Standard (AA TS 002 001)	No	Both	No, See Q20 for more information	Yes, Yes, See Q20 for more information	Yes, See Q20 for more information	Q21: The Environmental Management Programme Report (EMPR, 2010) makes provision for the potential ecological impact. Breach analysis to follow. Q22: The updated closure plan makes provision for rehabilitation of the CRD (i) Aftercare and monitoring is part of the long term closure costs. Q23: Plan in place in line with Anglo American's Long term Sustainable Mining Plan.
27	Anglo American	Namdeb Diamond Corporation	De Beers	De Beers, Government of the Republic of Namibia	Namibia	Southern Coastal	1 Plant CRD	20° 8'13" S 15°52'53" E	Non-operated JV	Inactive	2011	Yes	Dry stack	06	0.3M	0.3M	2014	No	Insignificant	Anglo American Technical Standard (AA TS 002 001)	No	Both	No, See Q20 for more information	Yes, Yes, See Q20 for more information	Yes, See Q20 for more information	Q21: The Environmental Management Programme Report (EMPR, 2010) makes provision for the potential ecological impact. Breach analysis to follow. Q22: The updated closure plan makes provision for rehabilitation of the CRD (i) Aftercare and monitoring is part of the long term closure costs. Q23: Plan in place in line with Anglo American's Long term Sustainable Mining Plan.
28	Anglo American	Namdeb Diamond Corporation	De Beers	De Beers, Government of the Republic of Namibia	Namibia	Southern Coastal	2 Plant CRD	20° 8'45" S 15°42'27" E	Non-operated JV	Inactive	2000	Yes	Dry stack	05	0.05M	0.05M	2014	No	Insignificant	Anglo American Technical Standard (AA TS 002 001)	No	Both	No, See Q20 for more information	Yes, Yes, See Q20 for more information	Yes, See Q20 for more information	Q21: The Environmental Management Programme Report (EMPR, 2010) makes provision for the potential ecological impact. Breach analysis to follow. Q22: The updated closure plan makes provision for rehabilitation of the CRD (i) Aftercare and monitoring is part of the long term closure costs. Q23: Plan in place in line with Anglo American's Long term Sustainable Mining Plan.
29	Anglo American	Namdeb Diamond Corporation	De Beers	De Beers, Government of the Republic of Namibia	Namibia	Southern Coastal	3 Plant CRD	20° 8'44" S 16°50'42" E	Non-operated JV	Inactive	2015	Yes	Dry stack	09	0.6M		2010	No	Insignificant	Anglo American Technical Standard (AA TS 002 001)	No	Both	No, See Q20 for more information	Yes, Yes, See Q20 for more information	Yes, See Q20 for more information	Q21: The Environmental Management Programme Report (EMPR, 2010) makes provision for the potential ecological impact. Breach analysis to follow. Q22: The updated closure plan makes provision for rehabilitation of the CRD (i) Aftercare and monitoring is part of the long term closure costs. Q23: Plan in place in line with Anglo American's Long term Sustainable Mining Plan.
30	Anglo American	Namdeb Diamond Corporation	De Beers	De Beers, Government of the Republic of Namibia	Namibia	Southern Coastal	4 Plant CRD	20° 8'44" S 16°50'15" E	Non-operated JV	Inactive	2014	Yes	Dry stack	12	10.1M		2010	No	Insignificant	Anglo American Technical Standard (AA TS 002 001)	No	Both	No, See Q20 for more information	Yes, Yes, See Q20 for more information	Yes, See Q20 for more information	Q21: The Environmental Management Programme Report (EMPR, 2010) makes provision for the potential ecological impact. Breach analysis to follow. Q22: The updated closure plan makes provision for rehabilitation of the CRD (i) Aftercare and monitoring is part of the long term closure costs. Q23: Plan in place in line with Anglo American's Long term Sustainable Mining Plan.
31	Anglo American	Namdeb Diamond Corporation	De Beers	De Beers, Government of the Republic of Namibia	Namibia	Southern Coastal	PTT CRD	20° 10'39" S 16°74'59" E	Non-operated JV	Inactive	2000	Yes	Dry stack	09	0M	0M	2014	Yes	Insignificant	Anglo American Technical Standard (AA TS 002 001)	No	Both	No, See Q20 for more information	Yes, Yes, See Q20 for more information	Yes, See Q20 for more information	Q21: The Environmental Management Programme Report (EMPR, 2010) makes provision for the potential ecological impact. Breach analysis to follow. Q22: The updated closure plan makes provision for rehabilitation of the CRD (i) Aftercare and monitoring is part of the long term closure costs. Q23: Plan in place in line with Anglo American's Long term Sustainable Mining Plan.
32	Anglo American	Namdeb Diamond Corporation	De Beers	De Beers, Government of the Republic of Namibia	Namibia	Southern Coastal	Stubbeth Bay CRD	20° 57'29" S 15°11'44" E	Non-operated JV	Inactive	2000	Yes	Dry stack	06	0.5M	0.5M	2014	No	Insignificant	Anglo American Technical Standard (AA TS 002 001)	No	Both	No, See Q20 for more information	Yes, Yes, See Q20 for more information	Yes, See Q20 for more information	Q21: The Environmental Management Programme Report (EMPR, 2010) makes provision for the potential ecological impact. Breach analysis to follow. Q22: The updated closure plan makes provision for rehabilitation of the CRD (i) Aftercare and monitoring is part of the long term closure costs. Q23: Plan in place in line with Anglo American's Long term Sustainable Mining Plan.

13	Anglo American	La Minera Dofra S.A. de C.A.	Copper	Engineering: Bancroft, Welter	Chile	Colchagua	Colchagua - Pampa Pabellon TSP	Latitude: 32°54'41" S Longitude: 70°32'10" W	Non-operated JV	Active	2009	Yes	Downstream	72	467 M	228 M	2020. See Q20 for more information	Yes	Low Q20	Supreme Decree # 246, issued by the sectoral authority (Supergovernment D.S. # 246)	Both. Historical Tailings Storage and Storage & Geotechnical Managers are engaged with the review of the operation. Historical: Yes, CAATOC and Engineer of Record	Yes, 2017 (Solar)	Yes, Yes	Yes	Q21: Single Wall with downstream construction, which is made up of a resistant wall made entirely of borrow and recycled material. Q22: In accordance with Anglo American Standard AA TS 652 001, this facility would be classified as "Major", due to the reputational and financial impacts of a potential dam failure. The facility is reviewed for compliance with AA Technical Standard AA TS 502 001, which is used for gap analysis. Q23: Stability Study: The tailing dam wall complies with the minimum Safety Factors required for the operation and final design (AMMC 2017). Environmental & Sectoral Authorization (SA) Manual reviewed annually and available upon request. Q24: Influence Area Control as required by the Supreme Decree 4348 issued by the sectoral authority (Supergovernment D.S. # 246). The dangerous distance is defined as the distance in kilometers that tailings would flow in the unlikely collapse of the deposit. 3 potential fault zones were analyzed. It was concluded that there is no impact on protected or populated areas (October 2017).	
14	Anglo American	Carbonates del Cerrojon S.A.	Coal Ash	Anglo American Corp. Colombia	Colombia	Carbonates del Cerrojon	Servicio TSP (North and South)	Latitude: 1° 04' 30" N Longitude: 77° 38' 37" W	Non-operated JV	South Cell: inactive North Cell: active	TSP South: 2005 to 2018 TSP North: August 2018 to date	Yes	Downstream	5			October 2018, and April 2019	Yes, (See Q20)	Significant	Canadian Dam Association (CDA) Consequence Classification Ratings for Dams	There have not been any significant events that have compromised the TSP stability. The most recent third party audit was conducted in April 2019.	Risk assessments are conducted on a monthly basis to ensure verification of the Critical Control Data. See TSP Conveyance Plan, Dam Safety Emergency Response Plan in order to ensure preparedness for any events. Given the location of the TSP, there is no community located in the vicinity of the dam that could be affected. The most recent third party risk assessment was conducted during April 2019.	In progress	Yes	The design criteria for the Carbonates TSP is based on a maximum 24 hour precipitation event of 1 in 1,000 year event. Based on historical precipitation levels in La Guajira, Colombia the TSP facility is over designed to later for any extreme weather events.	
15	Anglo American	South32	Coal Ash	South32 Anglo American	South Africa	Wessak		27° 6.713' N, 27° 51.571' E	Non-operated JV	Active	2013	No	Upstream	6		0.25 Dams	Aug 16	No	Low	SANS 10206	No	Both	No	Yes, No	Yes	Q25: The dam is currently being re-mined on southern side to recover the concrete product and sold to the market. Minimal concurrent deposition is occurring during re-mining operations. Q26: Closure is included in the overall Wessak closure plan with rehabilitation of area as part general surface rehabilitation.
16	Anglo American	South32	Coal Ash	South32 Anglo American	South Africa	Mamalan		27° 22.805' N, 27° 58.274' E	Non-operated JV	Active	2008	Yes	Other	N/A		0.00 Dams	Aug 16	No	Not applicable	Not applicable	No	In-house	Not Applicable	Yes, No	Yes	Q27: Is all disposal with no "dam wall" and therefore no dam height. Q28: Q24: No formal hazard classification has been undertaken as the facility is located in-pit. It is likely to be considered a low under SANS 10206 or ANCOLD. Q29: Closure is included in the Mamalan closure plan after rehabilitation of area as part general surface rehabilitation with monitoring for 5 years.
17	Anglo American	South32	Coal Ash	South32 Anglo American	Australia	GENCO		17° 58.475' N, 130° 36.018' E	Non-operated JV	Inactive	2012	No	Sandstone	6.1			10 Dec 18	Partial	Significant	ANCOLD	No	Both	Yes, 2012	Yes, Yes	Yes	Q21: Historic facility and not all the documentation is available. Q28: Closure included in GENCO site closure plan and implementation planned for 2020 - 2023.
18	Anglo American	South32	Coal Ash	South32 Anglo American	Australia	GENCO		17° 58.781' N, 130° 36.018' E	Non-operated JV	Inactive	2009	No	Sandstone/Upstream portion	0.4			12 Dec 18	Partial	Significant	ANCOLD	No	Both	Yes, 2012	Yes, Yes	Yes	Q21: Historic facility and not all the documentation is available. Q28: Closure included in GENCO site closure plan and implementation planned for 2020 - 2023.
19	Anglo American	South32	Coal Ash	South32 Anglo American	Australia	GENCO		17° 58.804' N, 130° 36.018' E	Non-operated JV	Inactive	2009	No	Sandstone	0.5			6 Dec 18	Partial	Significant	ANCOLD	No	Both	Yes, 2012	Yes, Yes	Yes	Q21: Historic facility and not all the documentation is available. Q28: Closure included in GENCO site closure plan and implementation planned for 2020 - 2023.
20	Anglo American	South32	Coal Ash	South32 Anglo American	Australia	GENCO		17° 59.161' N, 130° 36.011' E	Non-operated JV	Inactive	2007	No	Sandstone	6			24 Dec 18	Partial	Low	ANCOLD	Yes	Both	Yes, 2012	Yes, Yes	Yes	Q21: Historic facility and not all the documentation is available. Q25: TSP experienced failure of its embankment on the north western corner on 3 January 2010. Prior to the failure engage had been noted by a dam operator who had been working in the area. Approximately 135,000 m ³ of water and tailings solid was an adjacent closed pit. No one was injured and the entire pit was contained on the base. TSP was decommissioned immediately after the event and the damaged embankment was repaired. Q26: Sands in TSP will be reclaimed and reprocessed as part of its closure plan and the footprint is included in GENCO site closure plan.
21	Anglo American	South32	Coal Ash	South32 Anglo American	Australia	GENCO		17° 59.265' N, 130° 36.049' E	Non-operated JV	Inactive	2010	Yes	Sandstone	0.4			23 Dec 18	Partial	Significant	ANCOLD	No	Both	Yes, 2012	Yes, Yes	Yes	Q21: Historic facility and not all the documentation is available. Q28: Sands in TSP is scheduled to be mined and re-processed as part of its closure plan and the footprint is included in GENCO site closure plan.
22	Anglo American	South32	Coal Ash	South32 Anglo American	Australia	GENCO		17° 58.781' N, 130° 36.011' E	Non-operated JV	Active	2013	Yes	Downstream	0.8			11 Dec 18	Yes	High A	ANCOLD	No	Both	Yes, 2019	Yes, Yes	Yes	Q28: TSP closure is included in GENCO site closure plan. Draft dam break study completed in March 2019, and is currently being finalised.
23	Anglo American	South32	Coal Ash	South32 Anglo American	Australia	GENCO		17° 59.004' N, 130° 36.018' E	Non-operated JV	Active	2018	Yes	Sandstone	0.3			13 Dec 18	Partial	High C	ANCOLD	No	Both	Yes, 2017	Yes, Yes	Yes	Q22: Partial documentation - TSP 13 being developed in 2 phases and the as-built report encompassing both phases has yet to be completed. Q28: TSP closure is included in GENCO site closure plan.
24	Anglo American	South32	Coal Ash	South32 Anglo American	Australia	GENCO		17° 59.804' N, 130° 36.009' E	Non-operated JV	Active	2014	Yes	Sandstone	0.7			4 Dec 18	Partial	Significant	ANCOLD	No	Both	Yes, 2018	Yes, Yes	Yes	Q28: TSP closure is included in GENCO site closure plan.
25	Anglo American	South32	Coal Ash	South32 Anglo American	Australia	GENCO		17° 59.021' N, 130° 36.275' E	Non-operated JV	Active	2016	Yes	Sandstone	0.7			4 Dec 18	Yes	Significant	ANCOLD	No	Both	Yes, 2018	Yes, Yes	Yes	Q28: TSP closure is included in GENCO site closure plan.
26	Anglo American	South32	Coal Ash	South32 Anglo American	South Africa	Metallloys		27° 34.076' N, 27° 59.261' E	Non-operated JV	Active	2008	Yes	Downstream	0.6			08 Dec 16	Yes	Small Category 1	GNR 139	No	Both	Yes, See Q20 for more information	Yes, Yes	Yes	Q23: Department of Water and Sanitation in terms of GNR 139 of February 2012 promulgated in terms of the Water Act, 54 of 1956 and Chapter 12 of the National Water Act (Act No. 36 of 1998). Regulations regarding the safety of dams in terms of Section 123 (1) of the National Water Act, 1998. Q27: Dams are listed ponds with low risk. Q28: Closure is included in Metallloys site closure plan and the facility to be capped at closure and monitored for 5 years)
27	Anglo American	South32	Coal Ash	South32 Anglo American	South Africa	Metallloys		27° 59.804' N, 27° 59.261' E	Non-operated JV	Active	2008	Yes	Downstream	0.75			08 Dec 16	Yes	Small Category 1	GNR 139	No	Both	Yes, See Q20 for more information	Yes, Yes	Yes	Q23: Department of Water and Sanitation in terms of GNR 139 of February 2012 promulgated in terms of the Water Act, 54 of 1956 and Chapter 12 of the National Water Act (Act No. 36 of 1998). Regulations regarding the safety of dams in terms of Section 123 (1) of the National Water Act, 1998. Q27: Dams are listed ponds with low risk. Q28: Closure is included in Metallloys site closure plan and the facility to be capped at closure and monitored for 5 years)
28	Anglo American	South32	Coal Ash	South32 Anglo American	Australia	EMCO		41° 7.996' N, 140° 36.659' E	Non-operated JV	Inactive	2009	No	Sandstone	7			0.11 Inactive > 20 years	Yes	Not classified, See Q20 for further information	ANCOLD	No	Both	No	Yes, Yes	Yes	Q23: Dam inactive >20 years and the hazard category has not been defined. Q28: Closure options currently being examined (feasibility study).

9	Anglo American	South32	Coal Aus	South32, Anglo American	Australia	EMKO	
10	Anglo American	South32	Coal Aus	South32, Anglo American	Australia	EMKO	
11	Anglo American	Jebbhah Group	Coal Aus	Jebbhah Group, Marubeni Coal, Saffir Coal, and AWC	Australia	Lake Vermont Mine	
12	Anglo American	Jebbhah Group	Coal Aus	Jebbhah Group, Marubeni Coal, Saffir Coal, and AWC	Australia	Lake Vermont Mine	
13	Anglo American	Jebbhah Group	Coal Aus	Jebbhah Group, Marubeni Coal, Saffir Coal, and AWC	Australia	Lake Vermont Mine	
14	Anglo American	Jebbhah Group	Coal Aus	Jebbhah Group, Marubeni Coal, Saffir Coal, and AWC	Australia	Jebbhah Mine	
15	Anglo American Platinum	Atlas Resources Corporation	Platinum	Rustenburg Platinum Mines (Pty) Ltd, Atlas Resources Corporation	South Africa	Bokoni JV	
16	Anglo American Platinum	Atlas Resources Corporation	Platinum	Rustenburg Platinum Mines (Pty) Ltd, Atlas Resources Corporation	South Africa	Bokoni JV	
17	Anglo American Platinum	Modikwa Platinum (Pty) Ltd	Platinum	Rustenburg Platinum Mines (Pty) Ltd, ASIM Mining Consortium Limited	South Africa	Modikwa JV	
18	Anglo American Platinum	Starye Shilwater Kromdool Operations (Pty) Ltd	Platinum	Rustenburg Platinum Mines (Pty) Ltd, Starye Shilwater Kromdool Operations (Pty) Ltd	South Africa	Kromdool JV (PSA1)	
19	Anglo American Platinum	Starye Shilwater Kromdool Operations (Pty) Ltd	Platinum	Rustenburg Platinum Mines (Pty) Ltd, Starye Shilwater Kromdool Operations (Pty) Ltd	South Africa	Kromdool JV (PSA1)	
20	Anglo American Platinum	Starye Shilwater Kromdool Operations (Pty) Ltd	Platinum	Rustenburg Platinum Mines (Pty) Ltd, Starye Shilwater Kromdool Operations (Pty) Ltd	South Africa	Kromdool JV (PSA1)	
21	Anglo American Platinum	Starye Shilwater Kromdool Operations (Pty) Ltd	Platinum	Rustenburg Platinum Mines (Pty) Ltd, Starye Shilwater Kromdool Operations (Pty) Ltd	South Africa	Kromdool JV (PSA1)	
22	Anglo American Platinum	Modikwa Platinum (Pty) Ltd	Platinum	James Pl	South Africa	Mogalakwena Environmental Lease Agreement	

EMKO - Fume dam 2, see Q20 for more information	41° 8.08' S, 146° 32.14' E	Non-operated JV	Inactive	1998	No	Continue	6.5	0.07	0.07	Inactive > 15 years	Yes	Not classified, see Q20 for further information	ANCOLD	No	Both	No	Yes, Yes	Yes	Q19: Dam inactive > 20 years and the hazard category has not been defined. Q20: Closure options currently being examined (feasibility study).
EMKO - Fume dam 3, see Q20 for more information	41° 8.03' S, 146° 32.85' E	Non-operated JV	Active	2003	Yes	Continue	6.65	0.14	0.14	19	Yes	Significant	ANCOLD	No	Both	Yes, 2011	Yes, Yes	Yes	Q20: Based on 3000m³ solids added to dam per annum. Q21: Closure options currently being examined (feasibility study).
CD41	27° 27'37" S, 148° 24'55" E	Non-operated JV	Inactive	2008	Yes	Upstream Co-disposal	23	7,450,000, See Q20 for more information	7,600,000, See Q20 for more information	2019	Yes	Low - Harm to Humans Significant - General Environmental Harm (see Economic Loss or Property Damage)	Queensland Department of Environment and Science - Manual for assessing consequence categories and hydraulic performance of structures	No	Internal	Yes, 2014, See Q20 for more information	Yes, Yes, See Q20 for more information	Yes	Q9: Q20: Volumes relate to combined coarse reject and tailings volumes. Q21: The existing environment impact was assessed as part of the consequence category assessment. Q22: Lake Vermont Mine Rehabilitation Plan includes rehabilitating the CDAs such that they are water shedding, capped and covered with topsoil, seeded with native grass species, and monitored along with other mine rehabilitation over the life of the mine.
CD42	27° 26'15" S, 148° 24'50" E	Non-operated JV	Active	2012	Yes	Upstream Co-disposal	23.9	7,450,000, See Q20 for more information	7,600,000, See Q20 for more information	2019	Yes	Low - Harm to Humans Significant - General Environmental Harm (see Economic Loss or Property Damage)	Queensland Department of Environment and Science - Manual for assessing consequence categories and hydraulic performance of structures	No	Internal	Yes, 2016, See Q20 for more information	Yes, Yes, See Q20 for more information	Yes	Q9: Q20: Volumes relate to combined coarse reject and tailings volumes. Q21: The existing environment impact was assessed as part of the consequence category assessment. Q22: Lake Vermont Mine Rehabilitation Plan includes rehabilitating the CDAs such that they are water shedding, capped and covered with topsoil, seeded with native grass species, and monitored along with other mine rehabilitation over the life of the mine.
CD43	27° 27'37" S, 148° 24'55" E	Non-operated JV	Active	2012	Yes	Upstream Co-disposal	27.9	2,000,000 (See Q20 for more information)	10,000,000 (See Q20 for more information)	2019	Yes	Low - Harm to Humans Significant - General Environmental Harm (see Economic Loss or Property Damage)	Queensland Department of Environment and Science - Manual for assessing consequence categories and hydraulic performance of structures	No	Internal	Yes, 2016, See Q20 for more information	Yes, Yes, See Q20 for more information	Yes	Q9: Q20: Volumes relate to combined coarse reject and tailings volumes. Q21: The existing environment impact was assessed as part of the consequence category assessment. Q22: Lake Vermont Mine Rehabilitation Plan includes rehabilitating the CDAs such that they are water shedding, capped and covered with topsoil, seeded with native grass species, and monitored along with other mine rehabilitation over the life of the mine.
Max Pit Tailings Facility	27° 22'55" S, 148° 36'50" E	Non-operated JV	Active	2003	Yes	Other	5, Ground level	2,302,000	2,556,000	2019	Yes	Low - Harm to Humans Significant - General Environmental Harm (see Economic Loss or Property Damage)	Queensland Department of Environment and Science - Manual for assessing consequence categories and hydraulic performance of structures	No	Internal	Yes, 2017, See Q20 for more information	Yes, longer term plan to recycle the tailings extract as a carbon.	No	Q19: The significant category relates to process water being released to the environment. Q21: The existing environment impact was assessed as part of the consequence category assessment.
Consolidated Dam	-24.2644 S, -29.8789 E	Non-operated JV	Care and Maintenance	This first facility was constructed in 1974, consolidated into one facility in 2003	Yes	Upstream	17	7.07 M	7.07M	5th 2016	Yes	Major (High)	Local regulations (SANS 10286:1998)	No	Both	No, See Q20 for more information	No	Yes	Q17: Only zone of influence within the mine premises
Dam 6	-24.30033 S, -29.88824 E	Non-operated JV	Care and Maintenance		Yes	Upstream	26.4	7.17M	7.17M	5th 2016	Yes	Major (High)	Local regulations (SANS 10286:1998)	No	Both	No, See Q20 for more information	No	Yes	Q17: Only zone of influence within the mine premises
Modikwa	-24.65158 S, 30.15504 E	Non-operated JV	Active	2002	Yes	Upstream	62	22M	8M	2016	Yes	Major (High)	Local regulations (SANS 10286:1998)	Yes, A buttress was constructed to restore stability.	Internal	No, See Q20 for more information	Yes, No	No	Q15: Yes, A buttress was constructed to restore stability. Phase 1 buttress construction commenced in December 2011 and was completed in September 2012. Phase 2 buttress construction commenced in October 2011 and was completed in August 2012. Q17: Various studies dealing with social/so impacts available from Mine staff including EIA/EMPs and biodiversity impact reports for the whole mine. No formal dam breach done for TSF but a conceptual ZD is done. No specific impact study/report done focusing specifically on TSF breach though. Q18: Yes, but no long term monitoring envisaged at this point in time.
E1	-25.71306 S, -27.3296 E	Non-operated JV	Active	1999	Yes	Upstream	61.2	6.8M	6.2M in June 2013	2018	Yes	Major (High)	Local regulations (SANS 10286:1998)	Yes, A buttress was constructed to restore stability.	Internal	No, See Q20 for more information	Yes, No	No	Q15: Review was conducted by external Engineer of Record. Q17: Various studies dealing with social/so impacts available from Mine staff including EIA/EMPs and biodiversity impact reports for the whole mine. No formal dam breach done for TSF but a conceptual ZD is done. No specific impact study/report done focusing specifically on TSF breach though. Q18: Yes, but no long term monitoring envisaged at this point in time.
E150	-25.7164 S, -27.3555 E	Non-operated JV	Active	2001	Yes, Converted from a spillway dam to a cyclone dam	Upstream	37.5	30.1M	11.9M in Jan 2022	2018	Yes	Major (High)	Local regulations (SANS 10286:1998)	Yes, A buttress was constructed to restore stability.	Internal	No, See Q20 for more information	Yes, No	No	Q15: Review was conducted by external Engineer of Record. Q16: Yes, A buttress was constructed to restore stability. Business installed in 2016 and 2017. Additional buttress was installed towards end of 2017 beginning 2018. Q17: Various studies dealing with social/so impacts available from Mine staff including EIA/EMPs and biodiversity impact reports for the whole mine. No formal dam breach done for TSF but a conceptual ZD is done. No specific impact study/report done focusing specifically on TSF breach though. Q18: Yes, but no long term monitoring envisaged at this point in time.
E2	-25.7168 S, -27.3604 E	Non-operated JV	Active	2001	Yes	Upstream	33.9	10M	18.4M in Dec 2022	2018	Yes	Major (High)	Local regulations (SANS 10286:1998)	Yes, A buttress was constructed to restore stability.	Internal	No, See Q20 for more information	Yes, No	No	Q15: Review was conducted by external Engineer of Record. Q16: Yes, A buttress was constructed to restore stability. Business installed in 2016 and 2017. Q17: Various studies dealing with social/so impacts available from Mine staff including EIA/EMPs and biodiversity impact reports for the whole mine. No formal dam breach done for TSF but a conceptual ZD is done. No specific impact study/report done focusing specifically on TSF breach though. Q18: Yes, but no long term monitoring envisaged at this point in time.
Marikana	-25.7326 S, -27.4038 E	Non-operated JV	Active	Unknown	Yes	Upstream	21.1	11.9M	16.8M in June 2013	2018	Yes	Major (High)	Local regulations (SANS 10286:1998)	Yes, A buttress was constructed to restore stability.	Internal	No, See Q20 for more information	Yes, No	No	Q15: Review was conducted by external Engineer of Record. Q16: Yes, A buttress was constructed to restore stability. Business construction was done in 2003 and 2003. Q17: Various studies dealing with social/so impacts available from Mine staff including EIA/EMPs and biodiversity impact reports for the whole mine. No formal dam breach done for TSF but a conceptual ZD is done. No specific impact study/report done focusing specifically on TSF breach though. Q18: Yes, but no long term monitoring envisaged at this point in time.
Lommin / Raabold	-24.8085 S, -29.4774 E	Joint owner (BPM being the dominant shareholder, Lommin owns and operates the TSF)	Active	Operated from Sep 2002 until Dec 2008 when it was placed under "Care and Maintenance", Re-commissioned on 22 Nov 2012 for BPM use	Yes	Upstream, spigotted tailings	6.2	5.2M	6.7M	Quarterly inspection March 2019	Yes	High Safety Hazard	Local regulations (SANS 10286:1998)	No	Both	Zone of influence assessment conducted 2018 in accordance to the safety classification specifications of SANS 10286: Environmental Classification as per SANS10286	Yes, Yes	Yes, in place. Assessed on actual weather condition	Geotechnical Investigation Report, Annual Reports, Minutes of Quarterly Inspections and Reviews, Operating Procedures, Code of Practice documents that can be made available upon request