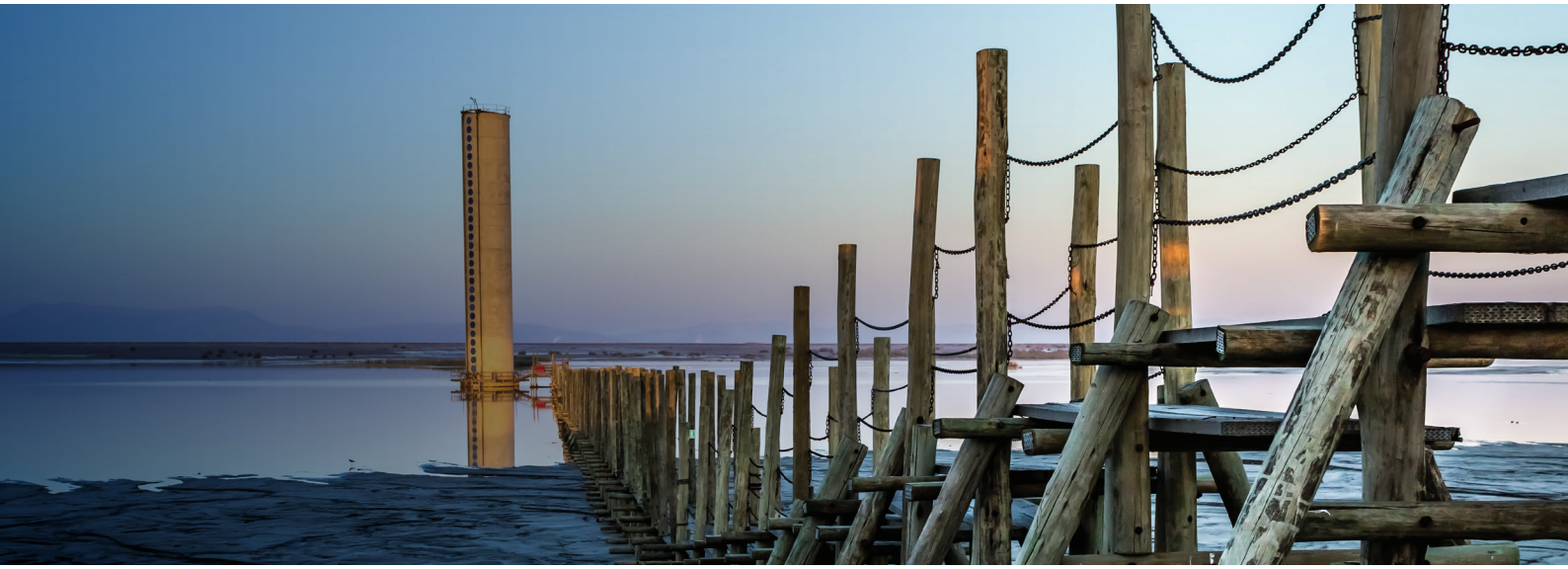
IMPLATS
EXCELLENCE IN PGMs



Impala Platinum Holdings

Managed Tailings Dams

FEBRUARY 2021

Tailings Facilities

RESPECT, CARE AND DELIVER

Disclosure Requirements	Impala Rustenburg
Tailings Facility Name and Identifier	Tailings Dam 3 & 4 (Combined Tailings Facility) Phase 1
Location	25°31'9.06"S; 27°14'16.53"E

1 Company name	Impala Platinum
2 Company's membership with ICMM or other international industry body.	No
3 Does the company have an internal monitoring set-up specific to Tailings Management Facilities (TMFs)?	Yes
a. Are audit reports (external and/or internal) shared with the board?	Yes (Bi-annual by SRK and Annual by Knight Piesold)
4 Number of TMFs owned by the company	Tailings Dam 3 & 4 (Combined Tailings Facility)
a. In construction?	Yes
b. In operation?	Yes
c. Closed/decommissioned?	No
d. In operation/closed but not decommissioned/ decommissioned?	In operation
For Each TMF	
5 Mine name	Impala Platinum
6 Location (Country/State/ Municipality)	South Africa / North West / Phokeng
7 TMF name or designation	Rustenburg Impala Platinum Mine Tailings Dam 3 & 4 (Combined Tailings Facility)
8 Location of Facility (lat/long or position relative to the main mine facilities)	Latitude 25°31'9.06"S / Longitude 27°14'16.53"E
9 The types of commodities being mined	Two economic orebodies are currently mined, namely the Merensky economic horizon and the UG2 Chromitite seam. From this mining activity, refined platinum, plus other Platinum Group Metals (PGMs) are produced
10 What are the main methods used in the processing of the ore prior to deposition.	Ore consists of Merensky and UG2. Ore processing entails crushing, milling, flotation and tailings handling facilities. Flotation consists of various stages producing a PGMs concentrate which is then further processed at the Smelter. The tailings stream comprises materials from five main sources, namely the Merensky Plant, the UG2 Plant, the Mill Float 2 (MF2) Plant, the Slag Plant and the Tailings Recovery Plant (TRP). Once these tailings streams have gone through the Tailings Scavenger Plant (TSP) and the Impala Chrome Plant, the remaining tailings is disposed of onto Tailings Dam No.4 in a slurry by a spigot system around the deposition area.
11 How are the tailings stored? (conventional, thickened, paste, dry stack, other)	Conventional
12 Do the contents of the TMF include toxic materials?	No
For a decommissioned facility	
13 Year construction was started.	N/A
14 Last year that material was added to the facility.	N/A
15 Year of decommissioning.	N/A
a. Was it capped, crowned and/or was another method used to reduce water infiltration?	N/A
b. Frequency of internal/ external inspections of an TMF after decommissioning for monitoring safety and environmental impacts.	N/A
For an operational and closed facilities	
16 Year construction was started.	1978
17 Current tailings production (ktpy).	11 million tons per year
18 Current density/water content of the tailings being deposited.	1.48 t/m^3
19 Expected remaining years of operations.	30 years
TMF Monitoring	
20 Frequency of internal inspections (if any)	Daily inspections by the tailings dam operator. Weekly combined inspections by the Mine and tailings dam operator.
a. Date of last internal inspection including outcome.	15.01.2021 - No items of concern noted.
21 Is there a requirement for external inspections?	Yes
a. Frequency of external inspections.	Monthly, quarterly and annually
b. Name of external firm that performs the inspection.	SRK and Knight Piesold
c. Date of last external inspection including outcome.	Annual audit Decemeber 2020 - No major concerns ; Monthly Jan 2021
22 If there is an external rating system (i.e. local regulator),	SANS 10286:1998
a. What is the risk rating for the TMF?	HIGH hazard facility (SANS 10286:1998)

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Disclosure Requirements	Impala Rustenburg
Tailings Facility Name and Identifier	Tailings Dam 3 & 4 (Combined Tailings Facility) Phase 1
Location	25°31'9.06"S; 27°14'16.53"E

For TMF with embankment retaining structures	
Design	
23 Type of construction a. Upstream, downstream, centerline, other;	Upstream
b. Is it constructed on flat ground or on a slope?	Gently sloping land
c. Does it include a spillway or other structure to mitigate overtopping?	Yes, penstock tower
d. Does it include an overdrain and/or underdrain system?	Underdrain
24. What standards/guidelines were applied to the dam design and construction, i.e. Canadian (MAC/CDA), ANCOLD, ICOLD or others?	SANS 10286:1998
25. What is the "Factor of Safety" (under current conditions and "worst case/undrained conditions")?	Section P4 = 1.599 (minimum) and Section P19 = 1.883 (maximum), (Effective Stress Analysis). Undrained analysis to be undertaken in 2021.
26. Current dimensions of main structure, including height, upstream slope and downstream slope.	Maximum height 85.5m. Overall outer slope 1:3, interbench slope 1:1.5, natural ground slope 1:61
27. Planned final dimensions of main structure.	Planned final height 144.6m.
28. Current volume of tailings facility (m^3, tonnes, etc.).	327,645,481.3 m^3
29. Planned final volume of tailings facility.	361,019,481.3 m^3 Forecast Impoundment volume at January 2024
Surrounding environment analysis	
30. Is the TMF located in a climatic zone where evaporation levels are exceeded by precipitation?	No
31. Seismicity rating of the TMF's location.	V (Modified Mercalli Scale) = Richter scale magnitude of 4 to 5.
32. Do current neighboring mining operations include blasting?	Only internal properties, Operational Shafts (11#, 11C# and 10 #)
a. If yes, distance of the TMF to the mining operations.	TSF to 11#: 2.4km center to center & 450m from side wall /TSF to 11C #: 2.27km center to center & 1km from side wall / TSF to 10#: 2.07km center to center & 420m from side wall
33. Identification of habitation(s)/ settlements(s) and/or flora/ fauna critical habitat(s) or high biodiversity area(s) located downstream of the facility, with indication of areas or number of populations at risk, and the mitigative measures that have been undertaken or remain to be implemented.	Done as per Biodiversity Management procedure (IMP - ES33)
34. Nearest critical infrastructure downstream from the facility, including nearby TMFs.	Site offices 200m, 10# 250m,TSF to 11#: 2.4km center to center & 450m from side wall /TSF to 11C #: 2.27km center to center & 1km from side wall / TSF to 10#: 2.07km center to center & 420m from side wall
Additional comments incl. mitigants	
Daily inspections by the tailings dam operator. Weekly combined inspections by the Mine and tailings dam operator. Monthly combined inspections by the Mine, consultant, tailings dam operator and the private consultant. Annual 3rd party audits. Annual drone inspections. Annual aerial inspections. Annual dam movement monitoring surveys. Annual drains inspection. Annual camera inspections of both penstock outfall pipelines. Annual inspection of the trough unit systems. Camera inspection of problematic drains as and when required. Five yearly dam safety inspections. Fraser Alexander is the daily tailings dam operator together with the mine management. SRK is the geotechnical engineering consultant who provide technical advice to the operation of the facility. Knight Piezold act as 3rd party/private consultant.	

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Disclosure Requirements	Impala Rustenburg
Tailings Facility Name and Identifier	Tailings Dam 1 & 2 (Combined Tailings Facility) Phase 1
Location	25°31'12.32"S / 27°11'56.73"E

1 Company name	Impala Platinum
2 Company's membership with ICMM or other international industry body.	No
3 Does the company have an internal monitoring set-up specific to Tailings Management Facilities (TMFs)?	Yes
a. Are audit reports (external and/or internal) shared with the board?	Yes (Bi-annual by SRK and Annual by Knight Piesold)
4 Number of TMFs owned by the company	Tailings Dam 1 & 2(Combined Tailings Facility)
a. In construction?	Reprocessing
b. In operation?	Reprocessing
c. Closed/decommissioned?	Reprocessing
d. In operation/closed but not decommissioned/ decommissioned?	Reprocessing
For Each TMF	
5 Mine name	Impala Platinum
6 Location (Country/State/ Municipality)	South Africa / North West / Phokeng
7 TMF name or designation	Rustenburg Impala Platinum Mine Tailings Dam 1 & 2
8 Location of Facility (lat/long or position relative to the main mine facilities)	Latitude 25°31'12.32"S / Longitude 27°11'56.73"E
9 The types of commodities being mined	Two economic orebodies are currently mined, namely the Merensky economic horizon and the UG2 Chromitite seam. From this mining activity, refined platinum, plus other Platinum Group Metals (PGMs) are produced
10 What are the main methods used in the processing of the ore prior to deposition.	Ore consists of Merensky and UG2. Ore processing entails crushing, milling, flotation and tailings handling facilities. Flotation consists of various stages producing a PGMs concentrate which is then further processed at the Smelter. The tailings stream comprises materials from five main sources, namely the Merensky Plant, the UG2 Plant, the Mill Float 2 (MF2) Plant, the Slag Plant and the Tailings Recovery Plant (TRP). Once these tailings streams have gone through the Tailings Scavenger Plant (TSP) and the Impala Chrome Plant, the remaining tailings is disposed of onto Tailings Dam No.4 in a slurry by a spigot system around the deposition area.
11 How are the tailings stored? (conventional, thickened, paste, dry stack, other)	Conventional
12 Do the contents of the TMF include toxic materials?	No
For a decommissioned facility	
13 Year construction was started.	1968
14 Last year that material was added to the facility.	1981
15 Year of decommissioning.	1981
a. Was it capped, crowned and/ or was another method used to reduce water infiltration?	Vegetated
b. Frequency of internal/ external inspections of an TMF after decommissioning for monitoring safety and environmental impacts.	Monthly
For an operational and closed facilities	
16 Year construction was started.	1968
17 Current tailings production (ktpy).	NA (5000 tons per day being reprocessed)
18 Current density/water content of the tailings being deposited.	NA
19 Expected remaining years of operations.	

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Disclosure Requirements	Impala Rustenburg
Tailings Facility Name and Identifier	Tailings Dam 1 & 2 (Combined Tailings Facility) Phase 1
Location	25°31'12.32"S / 27°11'56.73"E

TMF Monitoring	
20 Frequency of internal inspections (if any)	Daily inspections by the tailings dam operator. Weekly combined inspections by the Mine and tailings dam operator.
a. Date of last internal inspection including outcome.	15.01.2021 - No items of concern noted.
21 Is there a requirement for external inspections?	Yes
a. Frequency of external inspections.	Monthly, quarterly and annually
b. Name of external firm that performs the inspection.	SRK and Knight Piesold
c. Date of last external inspection including outcome.	Annual audit Decemeber 2020 - No major concerns ; Monthly Jan 2021
22 If there is an external rating system (i.e. local regulator),	SANS 10286:1998
a. What is the risk rating for the TMF?	MEDIUM Hazard facility (SANS 10286:1998)
For TMF with embankment retaining structures	
Design	
23 Type of construction a. Upstream, downstream, centerline, other;	Reprocessing. Original construction was upstream.
b. Is it constructed on flat ground or on a slope?	Gently sloping land
c. Does it include a spillway or other structure to mitigate overtopping?	Yes, large diameter pipes
d. Does it include an overdrain and/or underdrain system?	No
24. What standards/guidelines were applied to the dam design and construction, i.e. Canadian (MAC/CDA), ANCOLD, ICOLD or others?	Mine tailings disposal was largely unregulated in 1967. Rudimentary guidance was available on tailings storage construction in South Africa which was based on research carried out under the direction of J.E. Jennings and issued as an internal document by the Chamber of Mines in 1959
25. What is the "Factor of Safety" (under current conditions and "worst case/undrained conditions")?	No recent assessments
26. Current dimensions of main structure, including height, upstream slope and downstream slope.	Maximum height 26m. Overall outer slope 1:3 to 1:3.5
27. Planned final dimensions of main structure.	NA
28. Current volume of tailings facility (m^3, tonnes, etc.).	28,470,519.9 m^3
29. Planned final volume of tailings facility.	Planned to reprocess entire TMF
Surrounding environment analysis	
30. Is the TMF located in a climatic zone where evaporation levels are exceeded by precipitation?	No
31. Seismicity rating of the TMF's location.	V (Modified Mercalli Scale) = Richter scale magnitude of 4 to 5.
32. Do current neighboring mining operations include blasting?	Only internal properties, Operational Shafts (11# and 11C#)
a. If yes, distance of the TMF to the mining operations.	TSF to 11#: 2.5km center to center & 1.5km from side wall / TSF to 11C #: 4.27km center to center & 3.38km from side wall
33. Identification of habitation(s)/ settlements(s) and/or flora/ fauna critical habitat(s) or high biodiversity area(s) located downstream of the facility, with indication of areas or number of populations at risk, and the mitigative measures that have been undertaken or remain to be implemented.	Done as per Biodiversity Management procedure (IMP - ES33)
34. Nearest critical infrastructure downstream from the facility, including nearby TMFs.	Community, 100m from TMF,TSF to 11#: 2.5km center to center & 1.5km from side wall /TSF to 11C #: 4.27km center to center & 3.38km from side wall
Additional comments incl. mitigants	
COP requirment is the following (a) Professional Engineer to oversee risk monitoring (b) Professional Engineer to audit the tailings dam annually. Remining activities being monitored as follows: Daily inspections by the tailings dam operator. Weekly combined inspections by the Mine and tailings dam operator. Monthly combined inspections by the Mine, consultant, tailings dam operator and the private consultant. Annual aerial inspections.	

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MARULA

Disclosure Requirements	Marula
Tailings Facility Name and Identifier	Tailings Dam 1 & 2
Location	TD1 24°30'40.99"S, 30° 6'29.96"E TD2 24°31'0.94"S, 30° 6'16.00"E

1 Company name	Marula Platinum
2 Company's membership with ICMM or other international industry body.	No
3 Does the company have an internal monitoring set-up specific to Tailings Management Facilities (TMFs)?	Yes
a. Are audit reports (external and/or internal) shared with the board?	Yes
4 Number of TMFs owned by the company	2
a. In construction?	1
b. In operation?	1
c. Closed/decommissioned?	0
d. In operation/closed but not decommissioned/ decommissioned?	0
For Each TMF	
5 Mine name	Marula Platinum Mine
6 Location (Country/State/ Municipality)	South Africa / Limpopo Province / Fetakgomo Greater Tubatse Municipality
7 TMF name or designation	a. Tailings Dam 1 (TD1) - in operation, b. Tailings Dam 2 (TD2) - under construction
8 Location of Facility (lat/long or position relative to the main mine facilities)	a. Tailings Dam 1 (TD1) – 24°30'40.99""S, 30° 6'29.96""E b. Tailings Dam 2 (TD2) - 24°31'0.94""S, 30° 6'16.00""E
9 The types of commodities being mined	Platinum Group Metals and Chrome
10 What are the main methods used in the processing of the ore prior to deposition.	Milling, Flotation
11 How are the tailings stored? (conventional, thickened, paste, dry stack, other)	Ring Dyke Spigotted
12 Do the contents of the TMF include toxic materials?	No
For a decommissioned facility	
13 Year construction was started.	N/A
14 Last year that material was added to the facility.	N/A
15 Year of decommissioning.	N/A
a. Was it capped, crowned and/ or was another method used to reduce water infiltration?	N/A
b. Frequency of internal/ external inspections of an TMF after decommissioning for monitoring safety and environmental impacts.	N/A
For an operational and closed facilities	
16 Year construction was started.	First deposition - 2004
17 Current tailings production (ktpy).	20 Tailings Dam 2 (TD2) 1850
18 Current density/water content of the tailings being deposited.	1,5
19 Expected remaining years of operations.	<1 year
TMF Monitoring	
20 Frequency of internal inspections (if any)	Weekly
a. Date of last internal inspection including outcome.	Stable Operation
21 Is there a requirement for external inspections?	Yes
a. Frequency of external inspections.	Monthly
b. Name of external firm that performs the inspection.	SRK Consulting
c. Date of last external inspection including outcome.	Dec-21
22 If there is an external rating system (i.e. local regulator),	Yes (SANS10286)
a. What is the risk rating for the TMF?	High Risk
For TMF with embankment retaining structures	
Design	
23 Type of construction a. Upstream, downstream, centerline, other;	Upstream
b. Is it constructed on flat ground or on a slope?	Gentle Slope, Considered Flat
c. Does it include a spillway or other structure to mitigate overtopping?	2 x Penstocks
d. Does it include an overdrain and/or underdrain system?	Underdrain System Included

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MARULA

Disclosure Requirements	Marula
Tailings Facility Name and Identifier	Tailings Dam 1 & 2
Location	TD1 24°30'40.99"S, 30° 6'29.96"E TD2 24°31'0.94"S, 30° 6'16.00"E

24. What standards/guidelines were applied to the dam design and construction, i.e. Canadian (MAC/ CDA), ANCOLD, ICOLD or others?	
25. What is the "Factor of Safety" (under current conditions and "worst case/undrained conditions")?	>1.5
26. Current dimensions of main structure, including height, upstream slope and downstream slope.	40.1m Height, 1:3 Side slopes
27. Planned final dimensions of main structure.	42m Final Height, 1:3 Sideslopes
28. Current volume of tailings facility (m^3, tonnes, etc.).	13.7 million m^3
29. Planned final volume of tailings facility.	14.2 million m^3
Surrounding environment analysis	
30. Is the TMF located in a climatic zone where evaporation levels are exceeded by precipitation?	Yes
31. Seismicity rating of the TMF's location.	a. Seismicity: Falls naturally in a zone of peak horizontal acceleration of less than 50 cm/s2 – mining at Marula and surrounds are not affecting this (mainly due to shallower mining of UG2) (The probability of such ground movement (s) being exceeded at least once in fifty yrs is 10%)
32. Do current neighboring mining operations include blasting?	Yes
a. If yes, distance of the TMF to the mining operations.	±2km
33. Identification of habitation(s)/ settlements(s) and/or flora/ fauna critical habitat(s) or high biodiversity area(s) located downstream of the facility, with indication of areas or number of populations at risk, and the mitigative measures that have been undertaken or remain to be implemented.	a. Madikane community (±500 PAR in the Zone of influence) b. Moopetsi River (±500m downstream) c. Increased frequency of monitoring, against what is required. d. Trigger Action Response Plan (TARP) implemented. e. Dam Break Analysis planned for 2021
34. Nearest critical infrastructure downstream from the facility, including nearby TMFs.	a. TD2 Abuts TD1 for improved stability b. Driekop Shaft c. Clapham Shaft
Additional comments incl. mitigants	

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ZIMPLATS

Disclosure Requirements	Zimplats
Tailings Facility Name and Identifier	Sellous Metallurgical Complex
Location	18° 0' 36", 30° 4' 34"

1 Company name	Zimplats
2 Company's membership with ICMM or other international industry body.	No
3 Does the company have an internal monitoring set-up specific to Tailings Management Facilities (TMFs)?	Yes
a. Are audit reports (external and/or internal) shared with the board?	Yes
4 Number of TMFs owned by the company	
a. In construction?	Nil
b. In operation?	2
c. Closed/decommissioned?	Nil
d. In operation/closed but not decommissioned/ decommissioned?	Nil
For Each TMF	
5 Mine name	Selous Metallurgical Complex (SMC)
6 Location (Country/State/ Municipality)	Zimbabwe/Mashonaland West Province/Selous
7 TMF name or designation	SMC
8 Location of Facility (lat/long or position relative to the main mine facilities)	18° 0' 36", 30° 4' 34"
9 The types of commodities being mined	Platinum Group Metals
10 What are the main methods used in the processing of the ore prior to deposition.	Milling and Flotation
11 How are the tailings stored? (conventional, thickened, paste, dry stack, other)	Conventional
12 Do the contents of the TMF include toxic materials?	No
For a decommissioned facility	
13 Year construction was started.	N/A
14 Last year that material was added to the facility.	N/A
15 Year of decommissioning.	N/A
a. Was it capped, crowned and/ or was another method used to reduce water infiltration?	N/A
b. Frequency of internal/ external inspections of an TMF after decommissioning for monitoring safety and environmental impacts.	N/A

For an operational and closed facilities	
16 Year construction was started.	1995
17 Current tailings production (ktpy).	2 200ktpy
18 Current density/water content of the tailings being deposited.	1.5-1.6Kg/L
19 Expected remaining years of operations.	5 years
TMF Monitoring	
20 Frequency of internal inspections (if any)	Daily
a. Date of last internal inspection including outcome.	Current date. No major threatening issues.
21 Is there a requirement for external inspections?	Yes
a. Frequency of external inspections.	Every 4 months by TSF designers and every two years by independent third party
b. Name of external firm that performs the inspection.	SRK and appointed third parties. Last third party was conducted by John Wates in October 2019
c. Date of last external inspection including outcome.	27 November 2020 by SRK TSF designers
22 If there is an external rating system (i.e. local regulator),	No external rating but internal rating
a. What is the risk rating for the TMF?	Not applicable
For TMF with embankment retaining structures	
Design	
23 Type of construction a. Upstream, downstream, centerline, other;	Upstream
b. Is it constructed on flat ground or on a slope?	Slightly sloppy ground
c. Does it include a spillway or other structure to mitigate overtopping?	Berms on the outer paddocks to mitigate overtopping
d. Does it include an overdrain and/or underdrain system?	Underdrains included
24. What standards/guidelines were applied to the dam design and construction, i.e. Canadian (MAC/ CDA), ANCOLD, ICOLD or others?	SANS 10286

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ZIMPLATS

Disclosure Requirements	Zimplats
Tailings Facility Name and Identifier	Sellous Metallurgical Complex
Location	18° 0’ 36”, 30° 4’ 34”

25. What is the “Factor of Safety” (under current conditions and “worst case/undrained conditions”)?	Drained FoS 1.86 (target ≥ 1.5) and undrained FoS 1.54 (target ≥ 1.3)
26. Current dimensions of main structure, including height, upstream slope and downstream slope.	35m from lowest natural ground level
27. Planned final dimensions of main structure.	110ha (existing) and 203ha proposed combined abutting TSFs
28. Current volume of tailings facility (m^3, tonnes, etc.).	39 million tonnes and 24.4m^3
29. Planned final volume of tailings facility.	37.5m^3 (portion to existing TSF factoring in proposal to increase TSF height to 1298mamsl)
Surrounding environment analysis	
30. Is the TMF located in a climatic zone where evaporation levels are exceeded by precipitation?	No
31. Seismicity rating of the TMF’s location.	Low seismic region with peak ground acceleration of 0.2m/s^2
32. Do current neighboring mining operations include blasting?	No mines close by are decommissioned
a. If yes, distance of the TMF to the mining operations.	

33. Identification of habitation(s)/ settlements(s) and/or flora/ fauna critical habitat(s) or high biodiversity area(s) located downstream of the facility, with indication of areas or number of populations at risk, and the mitigative measures that have been undertaken or remain to be implemented.	7 families residing in the TSF zone of influence
34. Nearest critical infrastructure downstream from the facility, including nearby TMFs.	Community homesteads and three bridges
Additional comments incl. mitigants	
The existing TSF extension zone of influence resides community. Zimplats has been engaging the relevant government officials to relocate the community to safer places. In the short term Zimplats engages the settlers through quarterly liaison meetings and mock drills of TSF failure to sensitise them on the actions to be taken in the event of TSF failure early warnings.	

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Disclosure Requirements	Zimplats
Tailings Facility Name and Identifier	Sellous Metallurgical ComplexTSF Extension
Location	18° 0’ 36”, 30° 4’ 34”

1 Company name	Zimplats
2 Company’s membership with ICMM or other international industry body.	No
3 Does the company have an internal monitoring set-up specific to Tailings Management Facilities (TMFs)?	Yes
a. Are audit reports (external and/or internal) shared with the board?	Yes
4 Number of TMFs owned by the company	
a. In construction?	SMC TSF extension construction motivation under review for approvals
b. In operation?	2
c. Closed/decommissioned?	Nil
d. In operation/closed but not decommissioned/ decommissioned?	Nil
For Each TMF	
5 Mine name	18° 0' 36", 30° 4' 34"
6 Location (Country/State/ Municipality)	Zimbabwe/Mashonaland West Province/Selous
7 TMF name or designation	SMC
8 Location of Facility (lat/long or position relative to the main mine facilities)	18° 0’ 36”, 30° 4’ 34”
9 The types of commodities being mined	Platinum Group Metals
10 What are the main methods used in the processing of the ore prior to deposition.	Milling and Flotation
11 How are the tailings stored? (conventional, thickened, paste, dry stack, other)	Conventional
12 Do the contents of the TMF include toxic materials?	No
For a decommissioned facility	
13 Year construction was started.	N/A
14 Last year that material was added to the facility.	N/A
15 Year of decommissioning.	N/A
a. Was it capped, crowned and/ or was another method used to reduce water infiltration?	N/A
b. Frequency of internal/ external inspections of an TMF after decommissioning for monitoring safety and environmental impacts.	N/A

For an operational and closed facilities	
16 Year construction was started.	Not applicable. SMC TSF Extension not yet constructed. Motivation for construction under review pending approvals
17 Current tailings production (ktpy).	
18 Current density/water content of the tailings being deposited.	
19 Expected remaining years of operations.	
TMF Monitoring	
20 Frequency of internal inspections (if any)	Not applicable. TSF not yet constructed
a. Date of last internal inspection including outcome.	Not applicable
21 Is there a requirement for external inspections?	Yes
a. Frequency of external inspections.	Every 4 months by TSF designers and every two years by independent third party
b. Name of external firm that performs the inspection.	SRK designed the SMC TSF extension and SLR performed the third-party review on the design
c. Date of last external inspection including outcome.	Not applicable, Not yet constructed.
22 If there is an external rating system (i.e. local regulator),	No external rating.
a. What is the risk rating for the TMF?	Not applicable
For TMF with embankment retaining structures	
Design	
23 Type of construction	
a. Upstream, downstream, centerline, other;	Proposed design of upstream
b. Is it constructed on flat ground or on a slope?	Proposed footprint on slightly sloppy ground with a kopje on northern tip of footprint
c. Does it include a spillway or other structure to mitigate overtopping?	Designed with berms on the outer paddocks to mitigate overtopping
d. Does it include an overdrain and/or underdrain system?	Underdrains included in the design
24. What standards/guidelines were applied to the dam design and construction, i.e. Canadian (MAC/ CDA), ANCOLD, ICOLD or others?	SANS 10286 and ANCOLD

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ZIMPLATS

Disclosure Requirements	Zimplats
Tailings Facility Name and Identifier	Sellous Metallurgical ComplexTSF Extension
Location	18° 0’ 36”, 30° 4’ 34”

25. What is the “Factor of Safety” (under current conditions and “worst case/undrained conditions”)?	Designed for stability of drained FoS 1.85 (target ≥ 1.5) and undrained FoS 1.52 (target ≥ 1.3)
26. Current dimensions of main structure, including height, upstream slope and downstream slope.	Designed to abut to existing facility and to reach maximum elevation of 1298meters above mean sea level (mamsl). Downstream the combined TSFs maximum height shall be 56m high.
27. Planned final dimensions of main structure.	93.3ha (extension) and 203ha combined abutting TSFs. Maximum elevation of 1298mamsl.
28. Current volume of tailings facility (m^3, tonnes, etc.).	Not yet constructed but designed to contain 49.7 million tonnes (portion to extension facility)
29. Planned final volume of tailings facility.	31.1m^3 (portion to extension facility)
Surrounding environment analysis	
30. Is the TMF located in a climatic zone where evaporation levels are exceeded by precipitation?	No
31. Seismicity rating of the TMF’s location.	Low seismic region with peak ground acceleration of 0.2m/s
32. Do current neighboring mining operations include blasting?	No. Mines close by are decommissioned
a. If yes, distance of the TMF to the mining operations.	
33. Identification of habitation(s)/ settlements(s) and/or flora/ fauna critical habitat(s) or high biodiversity area(s) located downstream of the facility, with indication of areas or number of populations at risk, and the mitigative measures that have been undertaken or remain to be implemented.	9 illegal settlers (families) residing in the SMC extension footprint
34. Nearest critical infrastructure downstream from the facility, including nearby TMFs.	Community homesteads and three bridges.

Additional comments incl. mitigants
The SMC TSF extension footprint resides illegal settlers who are in court wrangle with the rightful farm owner. Preliminary court verdict was in favour of the rightful farm owner to evict the illegal settlers. Case is pending finalisation at the courts.

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ZIMPLATS

Disclosure Requirements	Zimplats
Tailings Facility Name and Identifier	Mhondoro Ngezi TSF
Location	18°20'33.0"S 30°12'06.1"E

1 Company name	Zimplats
2 Company's membership with ICMM or other international industry body.	No
3 Does the company have an internal monitoring set-up specific to Tailings Management Facilities (TMFs)?	Yes, Continuous daily monitoring by a contracting company (Fraser Alexander) employees, triannual inspections by Geotechnical engineers (SRK), bi-enniel inspections by an independent consultant
a. Are audit reports (external and/ or internal) shared with the board?	Yes
4 Number of TMFs owned by the company	
a. In construction?	Nil
b. In operation?	1
c. Closed/decommissioned?	Nil
d. In operation/closed but not decommissioned/ decommissioned?	1
For Each TMF	
5 Mine name	Zimbabwe Platinum Mines
6 Location (Country/State/ Municipality)	Zimbabwe, Mhondoro Ngezi
7 TMF name or designation	Zimplats - Ngezi Concentrator TSF
8 Location of Facility (lat/long or position relative to the main mine facilities)	Latitude 18° 34' 25" Longitude 30° 20' 17"
9 The types of commodities being mined	Platinum Group Metals, Nickel and Copper
10 What are the main methods used in the processing of the ore prior to deposition.	Crushing and grinding of are followed by bulk sulphide flotation
11 How are the tailings stored? (conventional, thickened, paste, dry stack, other)	Thickened before upstream conventional deposition using a hybrid of paddock and open spigot deposition method
12 Do the contents of the TMF include toxic materials?	No
For a decommissioned facility	
13 Year construction was started.	N/A
14 Last year that material was added to the facility.	N/A
15 Year of decommissioning.	
a. Was it capped, crowned and/ or was another method used to reduce water infiltration?	N/A
b. Frequency of internal/ external inspections of an TMF after decommissioning for monitoring safety and environmental impacts.	N/A
For an operational and closed facilities	
16 Year construction was started.	2009
17 Current tailings production (ktpy).	4270
18 Current density/water content of the tailings being deposited.	Slurry sg of 1.55
19 Expected remaining years of operations.	84 years
TMF Monitoring	
20 Frequency of internal inspections (if any)	Weekly and monthly inspection by operator's management and tri-annual and annual inspections by designers (Geotechnical Engineers) SRK
a. Date of last internal inspection including outcome.	Monthly inspection of December 2020, Triannual inspection of November 2020
21 Is there a requirement for external inspections?	Yes
a. Frequency of external inspections.	Biannual
b. Name of external firm that performs the inspection.	Changes regularly (Used Ken Lyell Consulting (2018), have engaged LRS Consulting for the next inspection)
c. Date of last external inspection including outcome.	(Scheduled inspection in November 2018 by Ken Lyell followed by a one inspection in December 2019 by John Wates). Both inspections found the facility complying to design requirements and being operated according to best practice.
22 If there is an external rating system (i.e. local regulator),	No
a. What is the risk rating for the TMF?	Not applicable

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Disclosure Requirements	Zimplats
Tailings Facility Name and Identifier	Mhondoro Ngezi TSF
Location	18°20'33.0"S 30°12'06.1"E

For TMF with embankment retaining structures	
Design	
23 Type of construction	
a. Upstream, downstream, centerline, other;	Upstream
b. Is it constructed on flat ground or on a slope?	Relatively inclined
c. Does it include a spillway or other structure to mitigate overtopping?	No
d. Does it include an overdrain and/or underdrain system?	Underdrain system
24. What standards/guidelines were applied to the dam design and construction, i.e. Canadian (MAC/CDA), ANCOLD, ICOLD or others?	SANS 10286:1998
25. What is the "Factor of Safety" (under current conditions and "worst case/undrained conditions")?	Drained overall FoS is 1.71 minimum (design 1.50), Undrained FoS is 1.40 minimum (Design 1.2)
26. Current dimensions of main structure, including height, upstream slope and downstream slope.	12m high with a 1V:3H overall slope
27. Planned final dimensions of main structure.	96m high with top area of 291Ha
28. Current volume of tailings facility (m^3, tonnes, etc.).	23.6million m^3
29. Planned final volume of tailings facility.	296 million m^3
Surrounding environment analysis	
30. Is the TMF located in a climatic zone where evaporation levels are exceeded by precipitation?	No
31. Seismicity rating of the TMF's location.	Low 0 – 0.2 m/s^2
32. Do current neighboring mining operations include blasting?	Yes. Underground blasting
a. If yes, distance of the TMF to the mining operations.	5km

33. Identification of habitation(s)/ settlements(s) and/or flora/ fauna critical habitat(s) or high biodiversity area(s) located downstream of the facility, with indication of areas or number of populations at risk, and the mitigative measures that have been undertaken or remain to be implemented.	Current Population At Risk is limited to people working on the dam only.
34. Nearest critical infrastructure downstream from the facility, including nearby TMFs.	Currently the Return water dam and associated pump station.
Additional comments incl. mitigants	
The SMC TSF extension footprint resides illegal settlers who are in court wrangle with the rightful farm owner. Preliminary court verdict was in favour of the rightful farm owner to evict the illegal settlers. Case is pending finalisation at the courts.	

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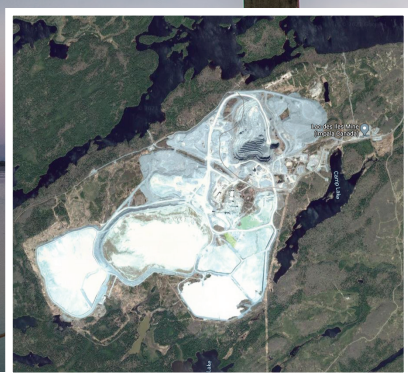

LAC DES ILES

Disclosure Requirements	**Impala Canada - Lac des Iles**
Tailings Facility Name and Identifier	**Impala Canada – Lac des Iles**
Location	**89°39'01.06"W / 49°09'07.68" N**

1 Company name	Impala Canada – Lac des Iles
2 Company's membership with ICMM or other international industry body.	No
3 Does the company have an internal monitoring set-up specific to Tailings Management Facilities (TMFs)?	Yes
a. Are audit reports (external and/ or internal) shared with the board?	Not usually, but are upon request
4 Number of TMFs owned by the company	
a. In construction?	0
b. In operation?	2
c. Closed/decommissioned?	1
d. In operation/closed but not decommissioned/ decommissioned?	0
For Each TMF	
5 Mine name	Lac des Iles Mine
6 Location (Country/State/ Municipality)	Thunder Bay, Ontario, Canada
7 TMF name or designation	South Tailings Management Facility (STMF)
8 Location of Facility (lat/long or position relative to the main mine facilities)	STMF = 89°39'01.06"W/49°09'07.68" N
9 The types of commodities being mined	Mostly palladium, with some platinum and traces of gold, copper and nickel.
10 What are the main methods used in the processing of the ore prior to deposition.	Drilling, Blasting, hauling, crushing, grinding, flotation
11 How are the tailings stored? (conventional, thickened, paste, dry stack, other)	Thickened
12 Do the contents of the TMF include toxic materials?	No

For a decommissioned facility	
13 Year construction was started.	N/A
14 Last year that material was added to the facility.	N/A
15 Year of decommissioning.	N/A
a. Was it capped, crowned and/ or was another method used to reduce water infiltration?	N/A
b. Frequency of internal/ external inspections of an TMF after decommissioning for monitoring safety and environmental impacts.	N/A
For an operational and closed facilities	
16 Year construction was started.	2010
17 Current tailings production (ktpy).	12,500 tonnes per day
18 Current density/water content of the tailings being deposited.	50% solids content
19 Expected remaining years of operations.	Four (4)
TMF Monitoring	
20 Frequency of internal inspections (if any)	
a. Date of last internal inspection including outcome.	Performed Daily. No problems detected.
21 Is there a requirement for external inspections?	
a. Frequency of external inspections.	Dam Safety Inspection (DSI) on a yearly basis. Dam Safety Review (DSR) every 5 years or upon significant change.
b. Name of external firm that performs the inspection.	DSIs carried out by Hatch Ltd (Engineer of Record). Last DSR carried out by Knight-Piesold, but may vary in future.
c. Date of last external inspection including outcome.	Last DSI carried out in October 2020. Last DSR also carried out in October 2020.

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Disclosure Requirements	Impala Canada - Lac des Iles
Tailings Facility Name and Identifier	Impala Canada – Lac des Iles
Location	89°39'01.06"W / 49°09'07.68" N

22 If there is an external rating system (i.e. local regulator),	Technical Bulletin - Classification and Inflow Design Flood Criteria" of the Lakes and River Improvement Act (LRIA) (Ontario Ministry of Natural Resources, 2011a)
a. What is the risk rating for the TMF?	High, for incremental environmental losses.
For TMF with embankment retaining structures	
Design	
23 Type of construction a. Upstream, downstream, centerline, other;	Hybrid upstream and downstream
b. Is it constructed on flat ground or on a slope?	Mainly flat ground.
c. Does it include a spillway or other structure to mitigate overtopping?	Yes, spillway included
d. Does it include an overdrain and/or underdrain system?	Yes, underdrain in foundation of upstream raise embankments.
24. What standards/guidelines were applied to the dam design and construction, i.e. Canadian (MAC/CDA), ANCOLD, ICOLD or others?	Technical Bulletin - Classification and Inflow Design Flood Criteria" of the Lakes and River Improvement Act (LRIA) (Ontario Ministry of Natural Resources, 2011a), MAC, CDA
25. What is the "Factor of Safety" (under current conditions and "worst case/undrained conditions")?	Current conditions FoS = 1.5, worst-case (Inflow Design Flood conditions) FoS = 1.3
26. Current dimensions of main structure, including height, upstream slope and downstream slope.	22.5 m in height, downstream slope (rockfill) 1.5H:1V, upstream slope of 2.5H:1V
27. Planned final dimensions of main structure.	26 m in final height.
28. Current volume of tailings facility (m^3, tonnes, etc.).	13,496,000 m^3
29. Planned final volume of tailings facility.	19,739,000 m^3

Surrounding environment analysis	
30. Is the TMF located in a climatic zone where evaporation levels are exceeded by precipitation?	No
31. Seismicity rating of the TMF's location.	The LDI Mine site is in a stable seismic zone, with a peak maximum credible (2,500 yr return period) seismic ground acceleration of 0.040 g.
32. Do current neighboring mining operations include blasting?	No neighboring mining operations.
a. If yes, distance of the TMF to the mining operations.	
33. Identification of habitation(s)/ settlements(s) and/or flora/ fauna critical habitat(s) or high biodiversity area(s) located downstream of the facility, with indication of areas or number of populations at risk, and the mitigative measures that have been undertaken or remain to be implemented.	The inundation area is typically undeveloped or it is managed so that the land usage is for transient activities such as with day-use facilities. Appreciable loss of fish and/or wildlife habitat or significant deterioration of critical fish and/ or wildlife habitat with reasonable likelihood of being able to apply natural or assisted recovery activities to promote species recovery to viable population levels.
34. Nearest critical infrastructure downstream from the facility, including nearby TMFs.	Water Management Facility 1, which is the central facility for collecting contact water from entire mine site, including TMFs.
Additional comments incl. mitigants	

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Disclosure Requirements	Impala Canada - Lac des Iles
Tailings Facility Name and Identifier	East Tailings Management Facility (ETMF)
Location	89°37'07.65"W / 49°09'06.53" N

1 Company name	Impala Canada – Lac des Iles
2 Company's membership with ICMM or other international industry body.	No
3 Does the company have an internal monitoring set-up specific to Tailings Management Facilities (TMFs)?	
a. Are audit reports (external and/ or internal) shared with the board?	
4 Number of TMFs owned by the company	
a. In construction?	
b. In operation?	
c. Closed/decommissioned?	
d. In operation/closed but not decommissioned/ decommissioned?	
For Each TMF	
5 Mine name	Lac des Iles Mine
6 Location (Country/State/ Municipality)	Thunder Bay, Ontario, Canada
7 TMF name or designation	East Tailings Management Facility (ETMF)
8 Location of Facility (lat/long or position relative to the main mine facilities)	ETMF = 89°37'07.65"W/49°09'06.53" N
9 The types of commodities being mined	Mostly palladium, with some platinum and traces of gold, copper and nickel.
10 What are the main methods used in the processing of the ore prior to deposition.	Drilling, Blasting, hauling, crushing, grinding, flotation
11 How are the tailings stored? (conventional, thickened, paste, dry stack, other)	Thickened
12 Do the contents of the TMF include toxic materials?	No

For a decommissioned facility	
13 Year construction was started.	N/A
14 Last year that material was added to the facility.	N/A
15 Year of decommissioning.	N/A
a. Was it capped, crowned and/ or was another method used to reduce water infiltration?	N/A
b. Frequency of internal/ external inspections of an TMF after decommissioning for monitoring safety and environmental impacts.	N/A
For an operational and closed facilities	
16 Year construction was started.	1992
17 Current tailings production (ktpy).	12,500 tonnes per day
18 Current density/water content of the tailings being deposited.	50% solids content
19 Expected remaining years of operations.	five (5)
TMF Monitoring	
20 Frequency of internal inspections (if any)	
a. Date of last internal inspection including outcome.	Performed Daily. No problems detected.
21 Is there a requirement for external inspections?	
a. Frequency of external inspections.	Dam Safety Inspection (DSI) on a yearly basis. Dam Safety Review (DSR) every 5 years or upon significant change
b. Name of external firm that performs the inspection.	DSIs carried out by Hatch Ltd (Engineer of Record). Last DSR carried out by Knight-Piesold, but may vary in future.
c. Date of last external inspection including outcome.	Last DSI carried out in October 2020. Last DSR also carried out in October 2020.

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Disclosure Requirements	Impala Canada - Lac des Iles
Tailings Facility Name and Identifier	East Tailings Management Facility (ETMF)
Location	89°37'07.65"W / 49°09'06.53" N

22 If there is an external rating system (i.e. local regulator),	Technical Bulletin - Classification and Inflow Design Flood Criteria" of the Lakes and River Improvement Act (LRIA) (Ontario Ministry of Natural Resources, 2011a)
a. What is the risk rating for the TMF?	High, for incremental environmental losses.
For TMF with embankment retaining structures	
Design	
23 Type of construction	
a. Upstream, downstream, centerline, other;	Hybrid upstream and downstream.
b. Is it constructed on flat ground or on a slope?	Mainly flat ground.
c. Does it include a spillway or other structure to mitigate overtopping?	Yes, spillway included
d. Does it include an overdrain and/or underdrain system?	Yes, underdrain in foundation of upstream raise embankments.
24. What standards/guidelines were applied to the dam design and construction, i.e. Canadian (MAC/ CDA), ANCOLD, ICOLD or others?	Technical Bulletin - Classification and Inflow Design Flood Criteria" of the Lakes and River Improvement Act (LRIA) (Ontario Ministry of Natural Resources, 2011a), MAC, CDA
25. What is the "Factor of Safety" (under current conditions and "worst case/undrained conditions")?	Current conditions FoS = 1.5, worst-case (Inflow Design Flood conditions) FoS = 1.3
26. Current dimensions of main structure, including height, upstream slope and downstream slope.	23.0 m in height, downstream slope (rockfill) 1.5H:1V, upstream slope of 2.5H:1V.
27. Planned final dimensions of main structure.	26.5 m in final height.
28. Current volume of tailings facility (m^3, tonnes, etc.).	9,226,000 m^3
29. Planned final volume of tailings facility.	19,096,000 m^3

Surrounding environment analysis	
30. Is the TMF located in a climatic zone where evaporation levels are exceeded by precipitation?	No
31. Seismicity rating of the TMF's location.	The LDI Mine site is in a stable seismic zone, with a peak maximum credible (2,500 yr return period) seismic ground acceleration of 0.040 g.
32. Do current neighboring mining operations include blasting?	No neighboring mining operations.
a. If yes, distance of the TMF to the mining operations.	
33. Identification of habitation(s)/ settlements(s) and/or flora/ fauna critical habitat(s) or high biodiversity area(s) located downstream of the facility, with indication of areas or number of populations at risk, and the mitigative measures that have been undertaken or remain to be implemented.	The inundation area is typically undeveloped or it is managed so that the land usage is for transient activities such as with day-use facilities. Appreciable loss of fish and/or wildlife habitat or significant deterioration of critical fish and/ or wildlife habitat with reasonable likelihood of being able to apply natural or assisted recovery activities to promote species recovery to viable population levels.
34. Nearest critical infrastructure downstream from the facility, including nearby TMFs.	Water Management Facility 1, which is the central facility for collecting contact water from entire mine site, including TMFs.
Additional comments incl. mitigants	

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Disclosure Requirements	Impala Canada - Lac des Iles
Tailings Facility Name and Identifier	West Tailings Management Facility (WTMF)
Location	89°38'00.92"W / 49°09'21.39" N

1 Company name	Impala Canada – Lac des Iles
2 Company's membership with ICMM or other international industry body.	No
3 Does the company have an internal monitoring set-up specific to Tailings Management Facilities (TMFs)?	
a. Are audit reports (external and/ or internal) shared with the board?	
4 Number of TMFs owned by the company	
a. In construction?	
b. In operation?	
c. Closed/decommissioned?	
d. In operation/closed but not decommissioned/ decommissioned?	
For Each TMF	
5 Mine name	Lac des Iles Mine
6 Location (Country/State/ Municipality)	Thunder Bay, Ontario, Canada
7 TMF name or designation	West Tailings Management Facility (WTMF)
8 Location of Facility (lat/long or position relative to the main mine facilities)	WTMF = 89°38'00.92"W/49°09'21.39" N
9 The types of commodities being mined	Mostly palladium, with some platinum and traces of gold, copper and nickel.
10 What are the main methods used in the processing of the ore prior to deposition.	Drilling, Blasting, hauling, crushing, grinding, flotation
11 How are the tailings stored? (conventional, thickened, paste, dry stack, other)	Thickened
12 Do the contents of the TMF include toxic materials?	No

For a decommissioned facility	
13 Year construction was started.	2001
14 Last year that material was added to the facility.	2011
15 Year of decommissioning.	2012 and 2015
a. Was it capped, crowned and/ or was another method used to reduce water infiltration?	Only a vegetative cover was installed, with no ability to reduce water infiltration.
b. Frequency of internal/ external inspections of an TMF after decommissioning for monitoring safety and environmental impacts.	Daily by site personnel. Dam Safety Inspection (DSI) on a yearly basis. Dam Safety Review (DSR) every 5 years or upon significant change.
For an operational and closed facilities	
16 Year construction was started.	2001
17 Current tailings production (ktpy).	Closed, not applicable
18 Current density/water content of the tailings being deposited.	Closed, not applicable
19 Expected remaining years of operations.	0
TMF Monitoring	
20 Frequency of internal inspections (if any)	Daily
a. Date of last internal inspection including outcome.	Performed Daily. No problems detected.
21 Is there a requirement for external inspections?	
a. Frequency of external inspections.	Dam Safety Inspection (DSI) on a yearly basis. Dam Safety Review (DSR) every 5 years or upon significant change.
b. Name of external firm that performs the inspection.	DSIs carried out by Hatch Ltd (Engineer of Record). Last DSR carried out by Knight-Piesold, but may vary in future.
c. Date of last external inspection including outcome.	Last DSI carried out in October 2020. Last DSR also carried out in October 2020.

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Disclosure Requirements	Impala Canada - Lac des Iles
Tailings Facility Name and Identifier	East Tailings Management Facility (ETMF)
Location	89°37'07.65"W / 49°09'06.53" N

22 If there is an external rating system (i.e. local regulator),	Technical Bulletin - Classification and Inflow Design Flood Criteria" of the Lakes and River Improvement Act (LRIA) (Ontario Ministry of Natural Resources, 2011a)
a. What is the risk rating for the TMF?	Moderate, for incremental environmental losses.
For TMF with embankment retaining structures	
Design	
23 Type of construction	
a. Upstream, downstream, centerline, other;	Downstream only
b. Is it constructed on flat ground or on a slope?	Mainly flat ground.
c. Does it include a spillway or other structure to mitigate overtopping?	No spillway
d. Does it include an overdrain and/or underdrain system?	No
24. What standards/guidelines were applied to the dam design and construction, i.e. Canadian (MAC/ CDA), ANCOLD, ICOLD or others?	Technical Bulletin - Classification and Inflow Design Flood Criteria" of the Lakes and River Improvement Act (LRIA) (Ontario Ministry of Natural Resources, 2011a), MAC, CDA
25. What is the "Factor of Safety" (under current conditions and "worst case/undrained conditions")?	Current conditions FoS = 1.5, worst-case (Inflow Design Flood conditions) FoS = 1.3
26. Current dimensions of main structure, including height, upstream slope and downstream slope.	30.0 m in height, downstream slope (rockfill) 1.5H:1V, upstream slope of 3H:1V.
27. Planned final dimensions of main structure.	30.0 m in final height.
28. Current volume of tailings facility (m^3, tonnes, etc.).	20,070,000 m^3
29. Planned final volume of tailings facility.	20,070,000 m^3

Surrounding environment analysis	
30. Is the TMF located in a climatic zone where evaporation levels are exceeded by precipitation?	No
31. Seismicity rating of the TMF's location.	The LDI Mine site is in a stable seismic zone, with a peak maximum credible (2,500 yr return period) seismic ground acceleration of 0.040 g.
32. Do current neighboring mining operations include blasting?	No neighboring mining operations.
a. If yes, distance of the TMF to the mining operations.	
33. Identification of habitation(s)/ settlements(s) and/or flora/ fauna critical habitat(s) or high biodiversity area(s) located downstream of the facility, with indication of areas or number of populations at risk, and the mitigative measures that have been undertaken or remain to be implemented.	The inundation area is typically undeveloped or it is managed so that the land usage is for transient activities such as with day-use facilities. Appreciable loss of fish and/or wildlife habitat or significant deterioration of critical fish and/ or wildlife habitat with reasonable likelihood of being able to apply natural or assisted recovery activities to promote species recovery to viable population levels.
34. Nearest critical infrastructure downstream from the facility, including nearby TMFs.	Water Management Facility 1, which is the central facility for collecting contact water from entire mine site, including TMFs.
Additional comments incl. mitigants	

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