



Level 3 Environmental Incidents in 2021



NO LEVEL 4 OR 5 ENVIRONMENTAL INCIDENTS OCCURRED DURING 2021

No	Incident date	Incident level	Operation/site	Description	Remedial action taken	Current status
SA PGM operations						
1	28 January 2021	3	Marikana – Bulk Tailings Treatment (BTT) – Return Water Dam 5	BTT – Uncontrolled discharge (less than 15 000m ³) from Return Water Dam 5 into a non-perennial tributary of the Marelwane river following excessive rainfall whilst the concentrators, consuming the water were offline. Water quality results confirmed the incident to be escalated to a Level 3 due to exceedances of some of the water quality parameters (Chlorides, Sodium, Sulphates and Nitrates).	<ul style="list-style-type: none"> Review of designs of all water storage facilities in the context of climate change Improved communication between the processing and services teams in order to better manage dam water levels and flow between facilities Desilting and improved storage capacity of the return water dam 	Desilting and reed removal to be completed by Q3 2022
2	19 August 2021	3	Rustenburg – Waterval Waste Water Treatment Plant	Subterranean leak (approximately 24 000m ³) on the final effluent pipeline feeding the Concentrator complex from the Waterval Waste Water Treatment Plant. Water quality results confirmed the level of the incident to be escalated to a Level 3 due to exceedances of parameters such as Nitrates and Nickel.	<ul style="list-style-type: none"> Replacement of the pipeline Regular inspections and monitoring of flow volumes for early leak detection 	Incident closed on 9 February 2022
SA gold operations						
3	3 January 2021	3	Rand Uranium surface operation	Following excessive rain and theft of a penstock pipeline at the Cooke TSF, a tailings spill (2 400m ³) was reported. The initial spill was contained in the paddocks and solution trench, but due to the excessive rain, it overtopped onto the adjacent soil area with a portion draining to the Wonderfonteinpruit. No negative environmental impacts were observed.	<ul style="list-style-type: none"> Review of designs of all water storage facilities in the context of climate change Enhanced security measures Cleaning of tailings spill Restore eroded TSF slopes Regular TSF maintenance and inspections 	Incident closed on 10 February 2021



No	Incident date	Incident level	Operation/site	Description	Remedial action taken	Current status
SA gold operations <i>continued</i>						
4	30 December 2021	3	Beatrix	Following excessive rain, compounded by the local municipality's inability to control and manage its facilities, a large volume of water spilled from the unused Wolwepan evaporation pans in Welkom onto adjacent farm land and gravel roads.	<ul style="list-style-type: none"> Interim arrangement to stop flow from Wolwepan 1 to Rietpan by constructing a cofferdam Repair of access road Continuous engagement with the local municipality to repair sewage works and stop all uncontrolled outflow from their pan Take water and soil samples to determine impact Final repair of Wolwepan 1 dam wall Implement six monthly inspection and maintenance schedule for pans 	All actions to be completed by August 2022
US PGM operations						
5	18 April 2021	3	Stillwater	Approximately 100 gallons (378.5 liters) of diesel fuel leaked from a contractor fuel truck onto site soils at the East Waste Rock Storage Area.	<ul style="list-style-type: none"> Impacted soils were assessed, excavated and transported off-site to a regional landfill Post-excavation soils were sampled for verification of clean-up and a final spill report was sent to the regulatory agencies 	The incident was closed on 15 July 2021

In 2020, we reported a level 3 incident at the Rustenburg UG2 concentrator (24 April 2020) – the actions were completed, dam desilted and reeds removed in 2021.

For more information on our actions to minimise our environmental impact, please refer to the full 2021 Integrated report, www.sibanyestillwater.com/newsinvestors/report/annual

FOR MORE INFORMATION, CONTACT:

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OUR VISION

To be a leader in superior shared value for all stakeholders