

Volta Grande Tailings Management Facility

Committed to responsible and safe tailings design and management.

Belo Sun incorporates a Down Stream tailings facility design constructed to the highest engineering standards to meet or exceed regulatory and international requirements and standards of best practice.

- Our tailings management programs will incorporate best-in-class tailings management standards, meeting all Brazilian standards, aligned with the International Commission on Large Dams and the Canadian Dam Association, and the Mining Association of Canada.
- We have an Independent Tailing Review Board that has reviewed the design of our facility and will continue to provide overview during construction and operations providing best practices and direction to the operations team. They will report to the President and CEO and the companies Board of Directors.
- Rigorous maintenance, monitoring, and emergency response procedures and plans, including daily inspections and monthly instrumentation monitoring and data analysis, and a comprehensive tailings scorecard of management indicators will be implemented at Volta Grande TMF.
- Safety and physical integrity, including the ability to withstand storm and seismic events, are key considerations.
- Our facility will be inspected annually by the engineer of record who designed the dam and will have independent expert review of our tailings facilities at a minimum of every three years.

The tailings facility of the Volta Grande mine in Brazil is designed using a Downstream design and is engineered using compacted earth and rock fill. Our tailings design is not constructed with tailings.

- Independent assessment of tailings design is reviewed by an Independent Tailings Review Board who are recognised experts in the industry.
- Rigorous maintenance, monitoring, and emergency response procedures and plans will be developed and in place prior to operation of the facility.
- As part of our emergency preparedness we will have a comprehensive emergency simulation training with communities around the mine in partnership with local government, civil defense, fire department and the military police.

Closure

- At closure, impounded water within tailings facilities is eliminated or minimized to further improve long-term safety and post-mining land use value.
- Facilities are designed to be ready for closure at the end of mine life and be reclaimed to ensure safety over many decades in compliance with laws and regulations.

Downstream Dam Design

