

# AVINO'S DRY STACK TAILINGS MANAGEMENT

A Safe and Modern Technology



## COMMITMENT TO SAFETY AND ENVIRONMENTAL STEWARDSHIP

Our dry stack tailings facilities are designed and constructed to the highest engineering and best practice standards that meet or exceed regulatory and international requirements.



## WHY DRY STACK

Avino carefully chose this tailings storage method for its numerous advantages, which includes: less fresh water usage, a small environmental footprint, no engineered dam, no acid rock drainage, high stability, seismic performance, and reduced water storage.

## NO DAM

No need for tailings ponds or dams.  
Therefore, there is no risk of a dam failure.



## TRACK RECORD

During our many years of operation, there has never been a tailings breach at Avino and we continue to be vigilant, comprehensive and responsible in how tailings are managed at our facilities to maintain this record. In 2022, Avino received the ESR designation granted by the Mexican Centre for Philanthropy and the Alliance for Corporate Social Responsibility recognizing Avino's support to the local communities.

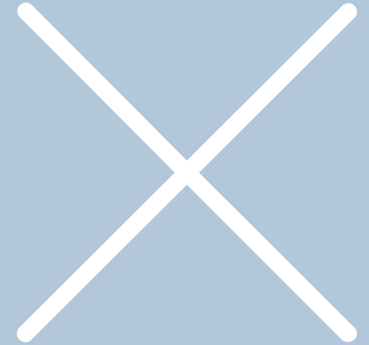


## REGULATORY REVIEW

Permitting passed strict regulatory approvals encompassing numerous protections through all stages of mine life - construction, operation and closure. This includes water and air quality, noise, views, drinking water supply, generation and storage of hazardous and non-hazardous waste, endangered species, plant life, and cultural resources.

## NO ACID ROCK GENERATION

Avino samples the water quality and pH at 4 different locations around the mine at regular intervals to ensure the water is non-acid generating. The samples are analyzed by an accredited laboratory and approved by the national water commission.



## WORLD CLASS FACILITY

Our dry stack facility was designed and constructed by a local contractor experienced with Dry Stack design and technology and utilizes Diemme Filters with the highest engineering quality to meet and exceed regulatory and international requirements. The filterpresses Avino uses is the best dewatering technology available with the highest dewatering efficiency. The discharged solids after water is removed are called "cakes" and this is the silty, dirt-like material that is transported by conveyor to the open pit for storage and early stage reclamation.

## OTHER DRY STACK FACILITIES IN MEXICO

These major mining companies operating in Mexico also operate dry stack tailings management using Diemme's Filters:

- First Majestic
- Torex Gold
- Endeavour Silver
- Fortuna Silver
- GAN Group



## WHAT ARE TAILINGS?

Tailings are the crushed rock (silty, dirt-like material) containing varying amounts of water left over from processing after the target mineral is extracted.