



# TDM MOLECULAR DISRUPTION TECHNOLOGY

powered by  AQUAMONT

Disrupts water at a molecular level, eliminating the most complex contaminants efficiently with a substantial reduction in time and cost.

**We help restore balance to the planet.**

## Mining Bulletin

### WHAT DOES TDM DO?



#### Benefits & Savings

- Technology that acts at a molecular level to improve efficiency and reduces the use of toxic chemicals.
- Water with high conductivity can be treated to get quality for reuse.
- Mineral processing, separation and purification, reduction of environmental impacts.
- Reduced volume of sludge generated.



#### Solutions

- Removal of heavy metals such as lead, mercury, cadmium, and arsenic.
- Removal of the concentration of salts present in the water for its reuse.
- Acid mine drainage can be treated.
- Cyanide residues can be treated.
- Eliminates and/or reduces suspended particles.
- No ammonia is generated.
- Zinc removal.
- Sulfate removal.
- Hardness reduction (calcium and magnesium).
- Sodium reduction.

We offer: **Engineering • Monitoring • Control**



We guarantee compliance with the Water Reuse Standard, without the need of large investments, removing heavy metals and the concentration of salts present in the water. The savings expected with this application make the use of this technology sustainable.