

Ammonia Removal from Mine Water with ECOTHOR™



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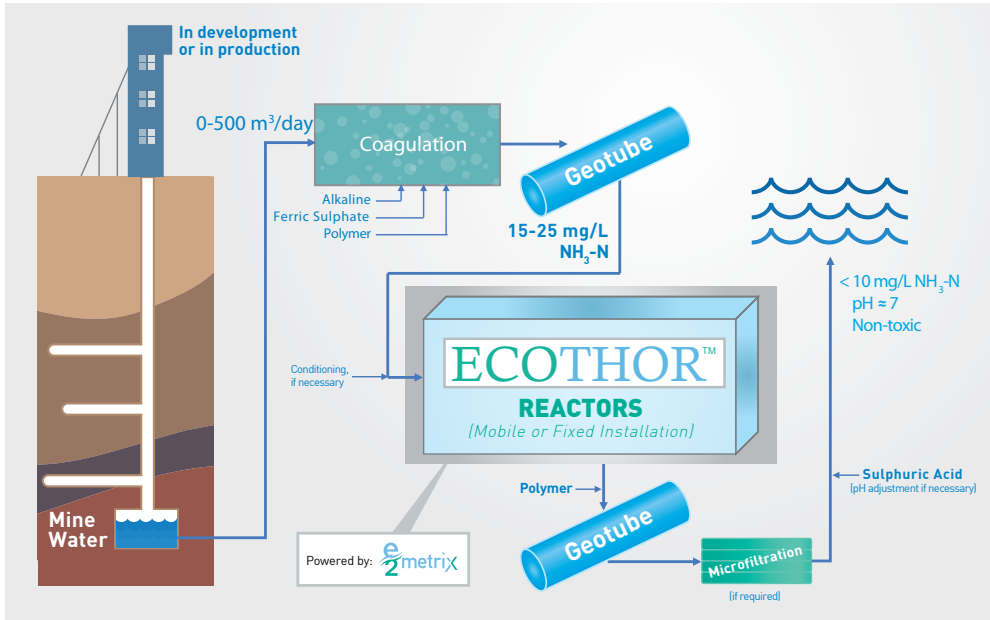
Photo : Valerie A. King

Using a patented process and a unique, proprietary anode composition, ECOTHOR™ uses electro-coagulation to target the removal of toxic ammonia generated from blasting operations in mine water. In comparison to biological or expensive media approaches, ECOTHOR™ offers numerous advantages:

- Safe, effective, robust and affordable
- Low cost of ownership
- Easy maintenance
- ON/OFF flexibility (versus biological processes)
- Adaptability to variances in contaminants, flows and temperature
- Modular and transportable

Smart solutions for the management of nutrients and micropollutants in water and wastewater.

Example of Mine Deployment



ECOTHOR™ is a proprietary electrolysis technology platform for the targeted removal of contaminants from wastewater and process water. **ECOTHOR™** reactors can be configured in modules to operate in electro-coagulation, electro-oxidation or electro-disinfection modes to control and remove contaminants and nutrients such as ammonia ($\text{NH}_3\text{-N}$), phosphorus (P), heavy metals, suspended solids (TSS), Fats-Oils & Greases (FOGs), C10-C50 hydrocarbons, bacteria, BOD and others.

Plug and play treatment using sustainable and economical approach with game-changing patented technologies



Transportable Solution — FLEXIBLE



E2METRIX

- Founded in 2011
- 10 patents (4 issued, 6 pending)
- Expertise in chemistry, biology, engineering, environment, automation
- Multiple reference projects in municipal, mining, agri-food, hospitality and industrial sectors

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