

Membrane Revolutions in Mining Wastewater

An innovative technology with the potential to dramatically improve high strength wastewater treatment.

WATER FOOTPRINT

- In 2015, 4 billion gallons of water was extracted per day for mining in America
- Increasing regulatory systems governing environmental practices including water use
- Proper water re-use strategies can save up to **40% of daily freshwater intake** in mining

THE SOLUTION

Swirltex plans to enable efficient **wastewater treatment** to reduce the water consumption in the industry by facilitating **water re-use**

- Membrane filtration
- Removes heavy metals and sediment (<5ppm)
- Consistent quality water **fit for re-use**
- Low maintenance system, **low operational costs**



THE TECHNOLOGY

The Swirltex process can significantly **increase flux** through a tubular membrane as well as **reduce fouling** and **energy consumption** through a novel innovation. Our technology is **scalable** and **mobile**, and therefore can service multiple areas quickly and easily.



CONTACT

P +403-869-6799

E admin@swirltex.com