

Evolution Through Chemistry



KASIS CLEAN WATER TECHNOLOGIES

Vancouver, BC, Canada

Kasis Clean Water Technologies is at the forefront of innovation, bringing novel materials with remarkable chemical properties to market, pioneering a fully-patented new class of functional materials — KCell. Our immediate breakthrough is demonstrated by proven high-yield gold recovery from leached solutions, making gold mining more efficient and environmentally friendly through the power of advanced chemistry.

The Kasis patented, versatile chemical technology offers broad potential applications across critical sectors:



MINERAL PROCESSING:

Revolutionizing gold extraction and recovery processes



WATER PURIFICATION:

Delivering cleaner water solutions



REDOX-FLOW BATTERIES:

Advancing energy storage



SENSORS:

Next-generation detection



ANTIVIRAL & ANTIBACTERIAL COATINGS/SURFACES (PPE):

Enhancing health and safety

About KCell

KCell is a patented functional material with unique redox properties, that is currently under study for its ability to enable fast, efficient, and eco-friendly solutions for gold extraction, metal recovery, water purification, and energy storage. By potentially replacing or being an alternative to toxic chemicals like cyanide, KCell offers a safer, scalable, and sustainable choice for multiple industries.

Why KCell?

- ✓ Eco-Friendly and Non-Toxic
- ✓ Highly Efficient and Fast-Acting
- ✓ Cost-Effective and Scalable
- ✓ Versatile Applications
- ✓ Redefining Sustainability
- ✓ Proven and Patented Technology

ADVANCED RECOVERY

Our fully patented synergistic extractant, **KCell**, is being studied for its ability to enable high-yield recovery of gold from cyanide-bearing process solutions and tailings, turning waste into valuable product

WATER & WASTEWATER REMEDIATION

Current lab work is investigating **KCell** ability to facilitate the separation and treatment of tailings slurry, recover clean water for reuse while reducing the volume and toxicity of stored tailings, lowering long-term environmental and regulatory liabilities

SIMULTANEOUS RECOVERY

Utilizing our proprietary **KCell** material for concurrent gold and cyanide recovery

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12 KCell Key Advantages

Benefits Across Performance, Safety & Sustainability



High gold recoveries
Proven superior yields from process solutions and tailings



Fast process kinetics
Accelerates overall metal recovery rates



Ambient temperature operation
No heating required, reducing energy costs



Broad applicability
Effective across a wide range of ores and process conditions



Environmentally safe & sustainable
Designed for low-impact operations



Strong ESG performance
Delivers positive environmental, social and governance outcomes



Non-toxic to humans and animals
Significantly safer than traditional reagents



No detoxification system required
Simplifies operations and reduces costs



Environmentally friendly
Minimizes ecological footprint



Effective on copper, sulfates & complex ores
Broad-spectrum metal recovery capability



Reduced permitting timeline
Helps streamline regulatory approvals



Easy and safe to transport and handle
User friendly logistics and on-site management

Beyond Gold: A Platform for Future Solutions

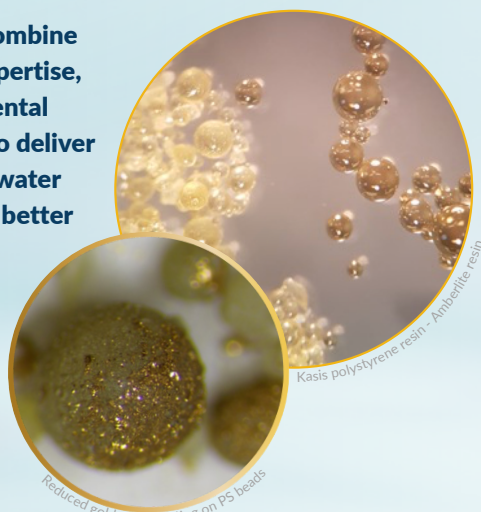
Water lies at the heart of everything we do at Kasis Clean Water Technology.

We operate at the forefront of the circular economy, with a core focus on recovering economically valuable materials from waste streams. This includes both direct recovery from existing waste and indirect recovery by introducing our technology into active process streams – capturing valuable materials before they reach final waste storage.

A prime example is the recovery of precious metals such as gold. Tailings storage facilities at operating or legacy mines represent significant long-term environmental, operational, and regulatory liabilities. Gold that escapes recovery during metallurgical processing is deposited as a waste product within these facilities. Carried in slurry form, fine concentrate particles transport the lost gold along with process water and residual reagents (such as cyanide complexes).

Our goal is to help mine operators remediate these challenges. By enabling the reprocessing of the stored solid-liquid material, we separate and recover clean water for beneficial reuse while reclaiming the contained solids – and the valuable metals they hold – transforming a liability into an economic and environmental asset.

At Kasis, we combine innovation, expertise, and environmental commitment to deliver tailored clean water solutions for a better tomorrow.



Proceeds of Investments

Investment proceeds will be strategically allocated to accelerate growth:

- **Talent Acquisition:** Hiring key personnel to optimize leaching and gold recovery processes
- **Material Manufacturing:** Scaling production of Kasis materials
- **Pilot Plant Initiation:** Establishing initial pilot-scale testing
- **Intellectual Property:** Continued patent protection
- **Brand Promotion:** Expanding market visibility
- **Market Exploration:** Examining additional technical and commercialization opportunities

CONTACT KASIS

info@Kasis.ca

MANAGEMENT TEAM

Jeff Selder (CEO): M.Eng. (Mining), with over 30 years of extensive industrial and small-scale mineral production and processing experience across all continents.

Dr. Andrew Grant (CTO): PhD Organic Chemistry, co-founder of Kasis Environmental, and the discoverer of our novel redox-active materials. Dr. Grant brings 26 years of academic expertise as an Associate Professor of Chemistry at Mount Allison University.

Christopher Anderson (Director, Executive Chairman): Over 30 years of entrepreneurial experience with a strong emphasis on strategic planning, communications, and creative marketing. He has been instrumental in facilitating tens of millions in financing for public and private enterprises, with a decade-long focus on the mining sector.



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