



MGX Minerals and Eureka Resources Announce Shipment of World's First Commercial Rapid Petrolithium Recovery System to Pennsylvania

VANCOUVER, BRITISH COLUMBIA / September 24, 2019 / **MGX Minerals Inc.** ("MGX" or the "Company") ([CSE: XMG](#) / [FKT: 1MG](#) / [OTCQB: MGXMF](#)) and **Eureka Resources, LLC** ("Eureka") are pleased to announce shipment of the world's first commercial rapid lithium recovery system. The containerized system containing primary components, ready for extraction operation, left Engineering Partner PurLucid Treatment Solutions ("PTS") Calgary, Alberta facility at 9am September 18, 2019 and is expected to arrive in Towanda, Pennsylvania on September 23rd, 2019 at 1pm.

Initial System Installation

The newly formed Joint Venture ("JV") will initially focus on fast tracking deployment of the world's first commercial rapid lithium recovery system at Eureka's state-of-the-art Standing Stone advanced wastewater Treatment Facility ("Standing Stone") near Towanda, Pennsylvania. The JV is now working to commission the system, which is expected to begin commercial extraction in the fourth quarter.

Eureka's Standing Stone facility, which originally opened in 2013, provides regional energy producers with advanced wastewater treatment services for raw oil and gas brines. Post-concentration lithium values in the range of 1,000ppm have been reported by Eureka and verified by MGX from produced water from within the Marcellus Shale.

Left to Right: Preston McEachern CEO PurLucid, Chris Frantz VP Business Development Eureka, Dan Ertel CEO Eureka, and Jared Lazerson CEO MGX.





Additional System Deployments

In addition to the initial system installation at Standing Stone, the JV has also outlined a growth strategy that focuses on growing lithium output and deploying additional rapid recovery systems throughout the Marcellus and Utica shale formations. This includes scaling up lithium output at Standing Stone, deploying additional systems to other Eureka facilities, and identifying new installation sites at third-party treatment facilities. Eureka shall retain exclusive rights to develop all JV relationships with third-party facilities within the Marcellus and Utica shale formations for an initial period of five years. Both Parties will have mutual discretion to further extend the JV for up to four additional years thereafter.

Petrolithium Extraction

The technology eliminates or greatly reduces the physical footprint and investment needed for large, multi-phase, lake-sized, and lined evaporation ponds. The technology enhances the quality of lithium extraction and recovery across a complex range of brines as compared with traditional solar evaporation and is applicable to oil and gas produced water, natural brine, lithium-rich mine brine and industrial plant wastewater. MGX's petrolithium technology was recognized with a Base & Specialty Metals Industry Leadership Award at the 2018 Platts Global Metals Awards.

MGX may utilize the petrolithium technology for lithium and other valued products production without first establishing mineral reserves supported by an independent technical report or completing a feasibility study. A production decision without the benefit of a technical report independently establishing mineral resources or reserves and any feasibility study demonstrating economic and technical viability creates increased uncertainty and heightens economic and technical risks of failure. Historically, such projects have a much higher risk of economic or technical failure.

About Eureka Resources

Eureka Resources provides industry-leading advanced treatment technology in oil and gas produced water management. Since 2008, Eureka's patented and permitted services have expanded to meet the growing need for produced water solutions and critical mineral production. Eureka's three conveniently located facilities provide regional environmental and economic solutions to oil and gas producers and the community. Learn more at www.eureka-resources.com.

About MGX Minerals Inc.

MGX Minerals is a diversified Canadian resource and technology company with interests in global advanced material, energy and water assets.

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Forward-Looking Statements

This press release contains forward-looking information or forward-looking statements (collectively "forward-looking information") within the meaning of applicable securities laws. Forward-looking information is typically identified by words such as: "believe", "expect", "anticipate", "intend", "estimate", "potentially" and similar expressions, or are those, which, by their nature, refer to future events. The Company cautions investors that any forward-looking information provided by the Company is not a guarantee of future results or performance, and that actual results may differ materially from those in forward-looking information as a result of various factors. The reader is referred to the Company's public filings for a more complete discussion of such risk factors and their potential effects which may be accessed through the Company's profile on SEDAR at www.sedar.com.