

MGX Minerals Announces Oilsands Lithium Extraction and Wastewater Treatment System Deployments

VANCOUVER, Feb. 7, 2019 /CNW/ - **MGX Minerals Inc.** ("MGX" or the "Company") (CSE: XMG / FKT: 1MG / OTCQB: MGXMF) and engineering partner **PurLucid Treatment Solutions** ("PurLucid") are pleased to report a second deployment of an advanced wastewater treatment system is near completion and commissioning is expected shortly. The system is capable of processing up to 10m³ per hour. The system will significantly reduce greenhouse gases through energy savings on steam generation. The technology provides superior treatment outcomes when compared to conventional technology which requires offsite trucking and high cost (due to toxicity) disposal. The technology can treat the water in line, under temperature and pressure, without cooling water first and is a paradigm shift advancement in waste water management and oilsands operations. This will result in significantly less energy use for water treatment, reduction in greenhouse gases and also eliminate a major operational challenge of a ("SAGD") facility, which is heat exchanger fouling.

Mobilization of a third system, capable of processing 10m³ per hour to extract lithium from brine, is also being finalized. This lithium can be extracted by the technology once the water is cleaned of oil and bitumen as result of the front-end water treatment system processing. Commencement of lithium extraction will occur as this customer comes online.

Rapid Lithium Brine Extraction Technology

MGX has developed a rapid lithium extraction technology eliminating or greatly reducing the physical footprint and investment in large, multi-phase, lake sized, lined evaporation ponds, as well as enhancing the quality of extraction and recovery across a complex range of brines as compared with traditional solar evaporation. This technology is applicable to petrolithium (oil and gas wastewater), natural brine and other brine sources such as lithium-rich mine and industrial plant wastewater.

About PurLucid

PurLucid's exclusively licensed and patented nanoflotation technology was designed specifically for oilfield environments. The technology separates impurities from oil and gas wastewater and produces clean water as a final product. This allows for the recycling or controlled release of oilfield wastewater and reduces or eliminates downhole and associated transportation costs. Water handling costs are one of the largest operating costs in the oilfield and oilsands operations today. Learn more at www.purlucid.com. MGX has the right to acquire up to a 100% interest in PurLucid through successive investments.

About MGX Minerals

MGX Minerals is a diversified Canadian resource and technology company with interests in global advanced material, energy and water assets. Learn more at www.mgxminerals.com.

Neither the Canadian Securities Exchange nor its Regulation Services Provider (as that term is defined in the policies of the Canadian Securities Exchange) accepts responsibility for the adequacy or accuracy of this release.

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.

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