

## **ARIANNE PHOSPHATE OPTIMIZES THE PRODUCTION OF ITS PHOSPHATE CONCENTRATE FOR SPECIALTY MARKETS**

*-process will allow for concentrate to specifically target agricultural and specialty applications*

**DAN: TSX-V (Canada)**

**JE9N: FSE (Germany)**

**DRRSF: OTC (USA)**

SAGUENAY, QC, May 18, 2022 /CNW Telbec/ – **Arianne Phosphate (the “Company” or “Arianne”)** (TSXV: DAN) (OTC: DRRSF) (FRANKFURT: JE9N), a development-stage phosphate mining company, advancing its Lac à Paul project in Quebec’s Saguenay-Lac-Saint-Jean region, is pleased to announce that it has successfully tested an enhanced process that will allow the Company to optimize its high-purity phosphate concentrate for specific end markets.

Working with Corem, a Quebec-based Company specializing in mineral processing, Arianne produced both a low MER (minor element ratio) and higher MER phosphate concentrate using high intensity magnetic separation. The results demonstrated that Arianne’s phosphate concentrate can be further optimized to meet target markets with an easy addition to the process flowsheet. The low MER material is of interest to those looking for specialty phosphate applications, such as high-purity acid used in lithium-iron-phosphate (“LFP”) batteries while, the higher MER concentrate would be of interest for direct application fertilizers, as it would be higher in beneficial micronutrients such as iron.

“Due to the nature of Arianne’s phosphate concentrate, the Company has been approached by participants outside of the traditional fertilizer industry,” said Brian Ostroff, President of Arianne. “With this work complete, Arianne continues to demonstrate the superiority of its phosphate concentrate and will allow the Company to produce a concentrate specifically targeted for its end use. Further, by opening up additional premium markets, it allows greater commercial opportunities for our investors and stakeholders at a time when macro events have driven phosphate demand and, forced buyers to try and secure their supplies from safer geopolitical jurisdictions.”

As well, Arianne today has announced a grant of 500,000 stock options to Mr. Jeffrey Beck, CEO of Arianne Phosphate and are in lieu of any salary or cash remuneration. These Options entitle the holder to purchase one common share of the Company until May 17, 2032 at a price of \$0.55 per share, this being the closing price of the Company’s shares on the trading day preceding the date of the grant. The Options are subject to a vesting period and are also subject to regulatory approval. Mr. Beck added, “after having spent the last year at Arianne and watching its progression, the ability to tie my remuneration to the future fortunes of the Company, was a welcomed opportunity.”

## **About Arianne Phosphate:**

Arianne Phosphate ("Arianne Phosphate Inc.") ([www.arianne-inc.com](http://www.arianne-inc.com)) is developing the Lac à Paul phosphate deposits located approximately 200 km north of the Saguenay/Lac St. Jean area of Quebec, Canada. These deposits will produce a high quality igneous apatite concentrate grading 39% P<sub>2</sub>O<sub>5</sub> with little or no contaminants (Feasibility Study released in 2013). The Company has 189,969,848 shares outstanding.

## **Qualified Person**

Raphael Gaudreault, eng., Qualified Person by NI 43-101, has approved this release. Mr. Gaudreault is also the Company's Chief Operating Officer.

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

## **Cautionary Statements Regarding Forward Looking Information**

***This news release contains "forward-looking statements" and "forward-looking information" within the meaning of applicable securities regulations in Canada and the United States (collectively, "forward-looking information"). Forward-looking information includes, but is not limited to, anticipated quality and production of the apatite concentrate at the Lac à Paul project. Often, but not always, forward-looking information can be identified by the use of words such as "plans", "expects", "is expected", "budget", "scheduled", "estimates", "forecasts", "intends", "anticipates", or "believes", or the negatives thereof or variations of such words and phrases or statements that certain actions, events or results "may", "could", "would", "might", or "will" be taken, occur or be achieved. Forward-looking information is subject to be known and unknown risks, uncertainties and other factors that may cause the actual results, level of activity, performance or achievements of the Company to be materially different from those expressed or implied by such forward-looking information, including but not limited to: volatile stock price; risks related to changes in commodity prices; sources and cost of power facilities; the estimation of initial and sustaining capital requirements; the estimation of labour and operating costs; the general global markets and economic conditions; the risk associated with exploration, development and operations of mineral deposits; the estimation of mineral reserves and resources; the risks associated with uninsurable risks arising during the course of exploration, development and production; risks associated with currency fluctuations; environmental risks; competition faced in securing experienced personnel; access to adequate infrastructure to support mining, processing, development and exploration activities; the risks associated with***

***changes in the mining regulatory regime governing the Company; completion of the environmental assessment process; risks related to regulatory and permitting delays; risks related to potential conflicts of interest; the reliance on key personnel; financing, capitalization and liquidity risks including the risk that the financing necessary to fund continued exploration and development activities at Lac à Paul project may not be available on satisfactory terms, or at all; the risk of potential dilution through the issue of common shares; the risk of litigation. Forward-looking information is based on assumptions management believes to be reasonable at the time such statements are made, including but not limited to, continued exploration activities, no material adverse change in commodity prices, exploration and development plans proceeding in accordance with plans and such plans achieving their stated expected outcomes, receipt of required regulatory approval, and such other assumptions and factors as set out herein. Although the Company has attempted to identify important factors that could cause actual results to differ materially from those contained in the forward-looking information, there may be other factors that cause results not to be as anticipated, estimated or intended. There can be no assurance that such forward-looking information will prove to be accurate, as actual results and future events could differ materially from those anticipated in such forward-looking information. Accordingly, readers should not place undue reliance on forward-looking information. Forward-looking information is made as of the date of this press release, and the Company does not undertake to update such forward-looking information except in accordance with applicable securities laws.***

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