

ARIANNE PHOSPHATE EXPANDS WORK ON ALTERNATIVE FERTILIZERS

-partners with Northern Nutrients of Canada to test direct applications

DAN: TSX-V (CANADA)

JE9N: FSE (GERMANY)

RRSF: OTC (USA)

SAGUENAY, QC, April 5, 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 entered into a collaboration with Northern Nutrients of Saskatchewan, Canada to advance the use of its high-purity phosphate concentrate in alternatively derived fertilizers.

Under this agreement, Arianne has provided its phosphate concentrate to be combined into Northern Nutrient’s proprietary fertilizer compositions to derive a multi-nutrient fertilizer that can be directly applied to the farmer’s field. Testing of this new and proprietary fertilizer will commence this growing season, with results available through late summer and fall of 2022.

In February, Arianne announced that it was expanding its reach into alternative fertilizers (see Press Release dated February 8, 2022) through work with both research and corporate organizations. The benefits of this work would result in the ability to integrate the Company’s phosphate concentrate directly into fertilizers without having to first transform it through acidulation. Currently, traditional phosphate fertilizers such as MAP & DAP require the acidulation process and, results in producers of phosphate concentrate, such as Arianne, having to contract with these phosphoric acid facilities.

The successful implementation of programs such as Arianne’s work with Northern Nutrient are multi-fold. This process would produce a uniquely Canadian offering, reliant solely on domestic inputs and technology. It would also remove the logistical challenges and additional costs associated with shipping and transforming materials through numerous jurisdictions. Further, this process would eliminate the need to add ammonia/nitrogen into the finished fertilizer as are required in Monoammonium Phosphate (“MAP”) and Diammonium Phosphate (“DAP”). With many ammonia-based fertilizers produced with natural gas, removing this would be extremely economical and add to the security of supply as, recent global events have highlighted the dependence on natural gas imports from challenging jurisdictions.

“I am extremely excited by the prospects of this work and, what it can mean for Arianne,” said Brian Ostroff, President of Arianne Phosphate. “Arianne’s extremely rare, high-purity, low-contaminant phosphate concentrate is ideal for these alternative applications where the farmer will be very conscious of what is being spread on their field. As well, by being situated

in Quebec, Canada, it removes 'security of supply' issues associated with where fertilizers are currently sourced from and, should remove many of the risks that we are unfortunately witnessing. Lastly, similar to Arianne's work within the LFP battery space, expanding the possible customers for our product, expands possible offtakers and partners for our project and, the unlocking of the substantial economics for our shareholders and stakeholders."

About Arianne Phosphate:

Arianne Phosphate ("Arianne Phosphate Inc.") (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% P₂O₅ with little or no contaminants (Feasibility Study released in 2013). The Company has 189,641,406 shares outstanding.

About Northern Nutrients:

Northern Nutrients is a Canadian based crop nutrition company serving the needs of the North American farmer since 2016. The Company has been involved in low salt and proprietary-based sustainable fertilizer manufacturing and distribution. For more information, please visit the Company's website: www.northernnutrients.com

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.

Follow Arianne on:

Facebook: <https://www.facebook.com/ariannephosphate>

Twitter: http://twitter.com/arianne_dan

YouTube: <http://www.youtube.com/user/ArianneResources>

Flickr: <http://www.flickr.com/photos/arianneresources>

Resource Investing News: <http://resourceinvestingnews.com/?s=Arianne>

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.

SOURCE Arianne Phosphate Inc.