



- Press Release-

JDCPhosphate Secures Equity Investment from Minemakers Limited and Enters into Licensing Agreement for the use of its Proprietary Kiln Based Phosphoric Acid Technology  
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BARTOW, FL, September 1, 2010 – JDCPhosphate (JDCP) announced today that Minemakers Limited (MAK, Australian Stock Exchange and, from September 13 2010, Toronto Stock Exchange) has made an initial equity investment in JDCP of \$1 million USD, consisting of equal parts cash and MAK shares, that JDCP will use to complete near term milestones as it prepares to raise funds to finance a minimum commercial scale demonstration plant (Demonstration Plant) to be located in Polk County, Florida. JDCP and MAK have also entered into a license agreement in which JDCP will license its proprietary kiln based phosphoric acid technology, known as the *Improved Hard Process* (IHP), to MAK for its potential use in projects in Australia and Namibia.

JDCP has identified the construction and successful operation of the Demonstration Plant as the last critical step in validating IHP at minimum commercial scale. Significant laboratory testing and small batch pilot testing (and with respect to certain aspects of the technology, full pilot scale testing) of IHP points to the promise of IHP as a breakthrough technology with respect to significantly reduced production costs, increased tolerance for certain phosphate ore impurities, increased acid quality and reduced environmental footprint. JDCP's business model is focused on licensing of its IHP intellectual property to phosphate companies on a global basis. In addition to licensing its intellectual property, JDCP plans to provide design, technical and maintenance support services to its licensees and to engage in internal phosphoric acid production to the extent required to evaluate and test market phosphoric acid, and products containing phosphoric acid, at commercial scale. JDCP will evaluate other opportunities to employ its technology with recycled and waste phosphate bearing material as well.

IHP has been designed to process low grade phosphate rock, silica and petroleum coke to produce a relatively pure and concentrated form of phosphoric acid (around 70% P<sub>2</sub>O<sub>5</sub>) suitable for use in solid and liquid fertilizers and for use in technical and industrial applications. JDCP expects that IHP, once validated at scale, will: 1) significantly increase the usable reserves of phosphate ore around the world; 2) reduce the operating costs associated with processing phosphate ore into high quality phosphoric acid; and 3) have a smaller environmental footprint than existing processes, without producing phosphogypsum or other high volume waste materials, and with minimal emissions and minimal water usage requirements. IHP has been designed to produce acid suitable for high value industrial and technical applications (and in many cases, without the need for additional purification processing), at much lower cost than existing processes. The tolerance of IHP for common contaminants found in phosphate ore holds the promise of significantly increasing global reserves of phosphate, an essential nonrenewable resource critical to plant and human life.

Subject to further test work and trials on phosphate ore from the MAK deposit in Wonarah in Australia, Minemakers will have exclusive rights in Australia to construct and operate an acid plant using JDCP's IHP proprietary technology for a period of up to 7 years, based on certain performance criteria specified in the licensing agreement. MAK and JDCP believe that compelling capital and operating cost benefits could accrue to its Wonarah project, relative to the use of wet acid process technology, not the least of which are: significant logistical cost savings associated with transporting less material to the port of Darwin (as concentrated phosphoric acid, using IHP); and the potential to produce higher value phosphoric acid.

**Background:** JDCP was formed in 2008 by Dr. Joseph A. Megy to commercialize the rotary kiln based proprietary technology he developed and patented, which has the ability to process low grade phosphate ore and phosphate waste materials into high quality phosphoric acid suitable for use in a broad range of products and applications. Dr. Megy's work builds on earlier industry efforts to develop a rotary kiln based process as a cost effective thermal process technology for the manufacture of phosphoric acid. JDCP is currently seeking to raise capital from strategic partners, institutional investors and government sources to build and operate the Demonstration Plant. The Demonstration Plant will be used to validate, at minimum commercial scale, the extensive pilot scale and small scale testing conducted to date, prior to full scale commercial deployment of the technology. The USDA has supported the development and commercialization of the technology with three Small Business Innovation Research (SBIR) grants.

JDCP is close to completing all necessary development steps for the construction of the Demonstration Plant and will be ready to commence construction and place orders for equipment, immediately upon the close of financing. Once the Demonstration Plant is operational, JDCP expects to license the technology to phosphate mining and processing companies worldwide.

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*Some of the statements in this press release constitute "forward-looking statements" as defined under the United States Private Securities Litigation Reform Act of 1995. These statements are based on our current expectations, estimates and projections. Words such as "will," "expects," "plans", "believes," "points", "holds the promise", "designed to" and similar expressions are used to identify these forward-looking statements. These statements are only predictions and as such are not guarantees of future performance and involve risks, uncertainties and assumptions that are difficult to predict. Forward-looking statements are based upon assumptions as to future events or our future financial performance that may not prove to be accurate. Actual outcomes and results could differ materially from those projected or forecast in the forward-looking statements as a result of numerous risk factors, including but not limited to: (i) adverse changes in general economic or market conditions; (ii) acquisition of financing for the construction and development of the Demonstration Plant; (iii) delays or reductions in capital and technological spending; (iv) protection of our proprietary technology; (v) risks associated with business growth management, including risks associated with acquisitions and investments; (vi) competitive factors, including but not limited to pricing pressures and new product introductions; (vii) the transition to new products, the uncertainty of customer acceptance of new product offerings, and rapid technological and market change; and (viii) technical risks associated with the development and operation of the Demonstration Plant. As a result, these statements speak only as of the date they were made, and the Company undertakes no obligation to publicly update or revise any forward-looking statements, whether as a result of new information, future events or otherwise.*