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## **Saint Jean Carbon Graphene Battery Phase One Results**

**April 20th 2017, Oakville, Ontario, Canada** – Saint Jean Carbon Inc. (“Saint Jean” or the “Company”) (TSX-V: SJL) (OTCQB: TORVF), a carbon science company engaged in the design and build of green energy storage, green energy creation and green re-creation through the use of carbon materials. The Company is pleased to announce the results of the graphene battery project phase one of three, previously announced on January 19<sup>th</sup>, 2017. Although very preliminary at this point, the graphene battery has outperformed the graphite battery, as demonstrated by a greater discharge capacity of approximately 30%. Both batteries were made with the same material, battery “A” graphite anode and “B” graphene anode.

The performance results are as follows; the theoretical capacity of the graphite anode: 372 mAh/g the theoretical capacity of the graphene anode: 700 mAh/g. Over 100 cycles the discharge capacity for the graphite was 200 to 220 mAh/g and for the graphene 310 to 330 mAh/g. The testing procedures: charge to 3V at 500 mA/g and discharge to 0.05V at 100 mA/g. Neither the graphite nor graphene were optimized so the variations in the results need to be further tested.

Paul Ogilvie, CEO, commented: “The project started as material comparison, the same material but applied in to different states, graphene and graphite. It will be really interesting to see if we can scale up to a size of battery that would be meaningful, such as batteries found in electric cars. Possibly with continued research we may have a higher performing anode that performance will directly relate to greater power and greater storage.”

The challenges are now to see if the performance will hold up when scaled up. Both the graphite and graphene must now be enhanced to create the best possible material for the anode. From there; scale up the size of the half cells and eventually to a full cell. If the graphene continues to outperform we believe we will have the necessary data to apply the graphene into real life testing on a number of different applications; electric cars, long term storage, small devices, etc. Phase two is the construction of a pouch cell with function lights for demonstration purposes; the Company is expecting the results sometime in the next 8 weeks.

The preparation of the cells and test were all managed by Graffana Inc of Waterloo Ontario. The raw material was sourced from a third party.

### **About Saint Jean Carbon**

Saint Jean is a publicly traded carbon science company, with specific interests in energy storage and green energy creation and green re-creation, with holdings in graphite mining and lithium claims in the province of Quebec in Canada. For the latest information on Saint Jean’s properties and news please refer to the website: <http://www.saintjeancarbon.com/>

On behalf of the Board of Directors  
**Saint Jean Carbon Inc.**  
Paul Ogilvie, CEO and Director

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