



TSX-V: CST

CO₂ Solutions' Valleyfield Carbon Capture Demonstration Results Confirm Robustness and Low Cost of Technology

Quebec City, January 26, 2015 – CO₂ Solutions Inc. (TSX-V: CST) (CO₂ Solutions or the Corporation), the leader in the field of enzyme-enabled carbon capture technology, today announced the verified results of its demonstration project at Salaberry-de-Valleyfield ("Valleyfield"), near Montreal, Québec.

Further to the Corporation's press release of November 10, 2015, the demonstration project in Valleyfield operated successfully for a total of more than 2,500 hours. Among the highlights noted:

- The Corporation's proprietary enzyme, 1T1, performed in a stable manner;
- No toxic waste products were generated;
- Solvent consumption was negligible;
- The demonstration unit was in large part operated autonomously (i.e. did not require a dedicated operator);
- The technology produced CO₂ suitable for food, beverages and other reuse applications;
- The use of low-grade, nil value heat for solvent regeneration at low-temperature was accomplished, demonstrating this innovative method of operating cost savings.

The Corporation contracted with Tetra Tech, Inc. (<http://www.tetrattech.com/>), a leading international engineering firm, for an independent review of the project data related to the mass and energy balances. This review allowed the Corporation to confirm core process capture costs for a 1,250 tonne-CO₂/day (tpd) scale of \$28/tonne, in line with earlier published estimates. This cost is below the proposed Alberta carbon tax and below the United States Department of Energy's target for new carbon capture processes. In this regard, to the knowledge of the Corporation, its technology has achieved the lowest demonstrated cost in the industry for a post-combustion carbon capture application, by a significant margin.

"The completion of the project and the independent engineering review confirm the low cost and environmentally sustainable nature of our technology, both of which are key differentiators in our industry" stated Evan Price, President and CEO of CO₂ Solutions. "We have now proven the robustness and operability of our technology in a real-life, industrial-scale setting, which puts applications for carbon mitigation and beneficial reuse of CO₂ squarely in our sights. These results will now be used to move forward prospective customer and partner opportunities currently under discussion."

CO₂ Solutions intends to present full results of its demonstration project at upcoming international conferences in the carbon capture field.

About CO₂ Solutions Inc.

CO₂ Solutions is an innovator in the field of enzyme-enabled carbon capture and has been actively working to develop and commercialize the technology for stationary sources of carbon pollution. CO₂ Solutions' technology lowers the cost barrier to Carbon Capture, Sequestration and Utilization (CCSU), positioning it as a viable CO₂ mitigation tool, as well as enabling industry to derive profitable new products from these emissions. CO₂ Solutions has built an extensive patent portfolio covering the use of carbonic anhydrase, or analogues thereof, for the efficient post-combustion capture of carbon dioxide with low-energy aqueous solvents. Further information can be found at www.co2solutions.com.

CO₂ Solutions Forward-looking Statements

Certain statements in this news release may be forward-looking. These statements relate to future events or CO₂ Solutions' future economic performance and reflect the current assumptions and expectations of management. Certain unknown factors may affect the events, economic performance and results of

operation described herein. CO₂ Solutions undertakes no obligation to update or revise any forward-looking statements, whether as a result of new information, future events or otherwise, except as may be required under applicable law.

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