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## NEWS RELEASE

### **CENTURY LITHIUM UPDATES PROGRESS ON TESTING WITH KOCH TECHNOLOGY SOLUTIONS**

**August 9, 2023 – Vancouver, Canada – Century Lithium Corp. (TSXV: LCE) (OTCQX: CYDVF) (Frankfurt: C1Z)** (Century Lithium or the Company) - <https://www.commodity-tv.com/ondemand/companies/profil/century-lithium-corp/> - is pleased to report successful progress in its collaboration with Koch Technology Solutions (KTS), a Koch Engineered Solutions (KES) company. As reported previously (see April 17, 2023, [news release](#)) Century Lithium and KTS are working together on the application of KTS's Li-Pro™ system at Century's Lithium Extraction Facility (Pilot Plant) in Amargosa Valley, Nevada, USA.

"Century Lithium is delighted to see the progress made in our collaboration with Koch Technology Solutions" stated Bill Willoughby, President, and CEO of Century Lithium. "Our team, with KTS's input has successfully incorporated and operated the equipment at our Pilot Plant with significantly improved results."

Since [October 2021](#), Century Lithium has been continuously testing the extraction of lithium from the claystone found at its 100%-owned [Clayton Valley Lithium Project](#) (Project) in Nevada utilizing a chloride-based leaching process. Testing of the Li-Pro™ system was conducted to evaluate potential improvements in the direct lithium extraction (DLE) area of the Pilot Plant.

Adam Sackett, President of Koch Technology Solutions, added, "The steady state results generated onsite with the Koch Technology Solutions Li-Pro™ Direct Lithium Extraction process has hit all our key milestones for the Century pilot program. We are excited to move towards engineering and executing a Li-Pro™ installation with commercial process guarantees."

With the integration of KTS's DLE process, the grades of the intermediate lithium solution produced at the Pilot Plant have increased to the highest levels to date, with an average grade of 7.5 grams/liter (g/l) (7,500 parts per million) lithium. These lithium concentrations are four times higher than previously generated, with sodium concentrations almost an order of magnitude lower.

#### **Highlights To Date**

- Successful installation and operation of Koch's Li-Pro™ DLE process
- Li-Pro™ plant achieved steady state using Century Lithium's chloride leaching process
- Manufacture intermediate solutions with lithium grades of 7 to 8 g/l concentrations with average lithium to sodium ratios of 0.9 to 1.1
- No observed degradation of media or accumulation of deleterious elements



### **Operational Results**

Since the installation of KTS's DLE equipment, Century Lithium has focused on improvements related to the operational aspects of the Pilot Plant and adjustments to the final flowsheet. These improvements were well supported through the development and incorporation of KTS's DLE equipment at the Pilot Plant.

Century Lithium, with the support of KTS, has identified techniques to improve lithium recovery within the DLE area while minimizing deleterious elements in the final solutions. Collaboration between Century Lithium and Koch staff is very productive, generating ideas and changes that have resulted in the complete removal of calcium and magnesium, and marked reduction of sodium and potassium in the product solutions.

### **Qualified Person**

Todd Fayram, MMSA-QP is the qualified person as defined by National Instrument 43-101 and has approved the technical information in this release.

### **About Century Lithium Corp.**

Century Lithium Corp. (formerly Cypress Development Corp.) is an advanced stage lithium company, focused on developing its 100%-owned Clayton Valley Lithium Project in west-central Nevada, USA. Century Lithium is currently in the pilot stage of testing on material from its lithium-bearing claystone deposit at its Lithium Extraction Facility in Amargosa Valley, Nevada and progressing towards completing a Feasibility Study and permitting, with the goal of becoming a domestic producer of lithium for the growing electric vehicle and battery storage market.

### **ON BEHALF OF CENTURY LITHIUM CORP.**

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