

Sigma Lithium Readies Third Shipment Of 20,000 Tonnes Of Triple Zero Green Lithium At Port By October 20th

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- Sigma Lithium shall complete the delivery of 20,000 tonnes of "Triple Zero Green Lithium" by truck to the Port of Vitoria by October 20th, when the material will be ready to load the third shipment.
- Third Shipment demonstrates the consistent performance of Sigma Lithium's Greentech Plant including all three circuits (Crusher, DMS, Tailings Dry Stacking), with continued production of large volumes of "Triple Zero Green Lithium":
 - Zero tailings (donated or sold)
 - Zero hazardous chemicals
 - Zero carbon (neutrality achieved through Amazon Rainforest VERRA Carbon Credits)
- This important milestone underscores the capabilities and execution steadiness of our technical leadership team onsite as well as the cultural alignment of the entire Company around our core sustainability purpose: achieve large-scale production with 100% of tailings dry stacked and 100% of water reutilized.

VANCOUVER, Oct. 16, 2023 - Sigma [Lithium Corp.](#) ("Sigma Lithium" or the "Company") (NASDAQ: SGML, BVMF: S2GM34, TSXV: SGML), a leading global lithium producer dedicated to powering the next generation of electric vehicles with carbon neutral, socially and environmentally sustainable chemical-grade lithium concentrate, announces readying the third shipment of 20,000 tonnes of Triple Zero Green Lithium at Vitoria Port. The Company shall complete delivering the material by truck to Port of Vitoria by October 20th, when it will be ready to load the third shipment.

Ana Cabral, Sigma Lithium CEO & co-Chairperson said: "This third shipment of 20,000 tonnes underscores the steadiness of our Greentech Plant's ramp up process. More importantly, it demonstrates the capabilities and executional steadiness of our technical leadership team onsite as well as the cultural alignment of the entire Company around one ethos: large-scale production with 100% of tailings dry stacked and 100% of water reutilized".

"We are proud to continue fulfilling our mission to produce Triple Zero Green Lithium, supporting the energy transition. We have a commitment to building the next generation of electric vehicles using lithium materials that are responsibly sourced in an environmentally and socially sustainable manner."

Sigma Lithium's Triple Zero Green Lithium: The foundation of a globally sustainable supply chain

Sigma Lithium effectively lowered its carbon footprint with a series of pioneering initiatives, paving the way forward for the metals & mining sector.

The Company's Triple Zero Green Lithium is produced at its state-of-the-art Greentech lithium plant at its Grotta do Cirilo Project in Brazil, the first lithium project in the world without a tailings dam. With 100% dry-stacked tailings and the absence of hazardous chemical products for processing lithium, the Company is preventing water and soil contamination and contributing to the preservation of rivers and forests in the region.

The Company's main achievements towards abating its carbon footprint include:

- Zero tailings: 100% dry stacked tailings, with all by-products eliminated through sales or upcycling to pave roads.

- Zero hazardous chemicals: Utilizes Dense Medium Separation ("DMS") at the Greentech plant, which does not utilize hazardous chemicals.
- Water efficiency: Utilizes 100% sewage water for its plant, fully recirculated.
- Water preservation: Preserves 100% of the Piauí Creek source of drinking water for the communities living around Sigma Lithium.
- Clean renewable energy: Utilizes 100% clean renewable energy for its Greentech Plant via "behind the meter" supply agreements.
- Biodiesel: Utilizes biodiesel fuel in some of its trucking fleet, with plans to increase to up to 50% by 2025.
- Explosives / ANFO: Decreased explosives load with computerized load simulation strategies.

Further, due to the low carbon content of Sigma Lithium's products, as well as its environmentally sustainable production methods, the Company's carbon footprint was offset with carbon credits purchased from Carbonext (which are verified through Verra Verified Carbon Standard), making the shipment carbon neutral.

QUALIFIED PERSONS

Mr. Porfirio Cabaleiro Rodriguez, (MEng), FAIG, GE21 Consultoria Mineral, is the "qualified person" under National Instrument 43-101 who reviewed and approved the technical information included in this news release.

ABOUT SIGMA LITHIUM

Sigma Lithium (NASDAQ: SGML, BVMF: S2GM34, TSXV: SGML) is a leading global lithium producer dedicated to powering the next generation of electric vehicle batteries with carbon neutral, socially and environmentally sustainable chemical-grade lithium concentrate.

Sigma Lithium has been at the forefront of environmental and social sustainability in the EV battery materials supply chain for six years and it is currently producing Triple Zero Green Lithium from its Grota do Cirilo Project in Brazil. Phase 1 of the project is expected to produce 270,000 tonnes of Triple Zero Green Lithium annually (36,700 LCE annually). If it is determined to proceed after completion of an ongoing feasibility study, Phase 2 & 3 of the project are expected to increase production to 766,000 tonnes annually (or 104,200 LCE annually). The project produces Triple Zero Green Lithium in its state-of-the-art Greentech lithium plant that uses 100% renewable energy, 100% recycled water and 100% dry-stacked tailings.

Please refer to the Company's National Instrument 43-101 technical report titled "Grota do Cirilo Lithium Project Araçuaí and Itinga Regions, Minas Gerais, Brazil, Amended and Restated Technical Report" issued June 12, 2023, which was prepared for Sigma Lithium by Homero Delboni Jr., MAusIMM, Promon Engenharia; Marc-Antoine Laporte, P.Geo, SGS Canada Inc; Jarrett Quinn, P.Eng., Primero Group Americas; Porfirio Cabaleiro Rodriguez, (MEng), FAIG, GE21 Consultoria Mineral; and Noel O'Brien, B.E., MBA, F AusIMM (the "Updated Technical Report"). The Updated Technical Report is filed on SEDAR and is also available on the Company's website.

For more information about Sigma Lithium, visit <https://www.sigmalithiumresources.com/>

Sigma Lithium
LinkedIn: Sigma Lithium
Instagram: @sigmalithium
Twitter: @SigmaLithium

FORWARD-LOOKING STATEMENTS

This news release includes certain "forward-looking information" under applicable Canadian and U.S. securities legislation, including but not limited to statements relating to timing and costs related to the general business and operational outlook of the Company, the environmental footprint of tailings and positive ecosystem impact relating thereto, donation and upcycling of tailings, timing and quantities relating to tailings

