
UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

FORM 6-K

REPORT OF FOREIGN PRIVATE ISSUER PURSUANT TO RULE 13a-16 OR 15d-16 UNDER THE SECURITIES EXCHANGE ACT OF 1934

For the month of December 2024

Commission File Number: 001-40786

Sigma Lithium Corporation
(Translation of registrant's name into English)

2200 HSBC Building
885 West Georgia Street
Vancouver, British Columbia
V6C 3E8
(Address of principal executive office)

Indicate by check mark whether the registrant files or will file annual reports under cover of Form 20-F or Form 40-F.
Form 20-F ☐ Form 40-F ☒

Indicate by check mark if the registrant is submitting the Form 6-K in paper as permitted by Regulation S-T Rule 101(b)(1): ☐

Note: Regulation S-T Rule 101(b)(1) only permits the submission in paper of a Form 6-K if submitted solely to provide an attached annual report to security holders.

Indicate by check mark if the registrant is submitting the Form 6-K in paper as permitted by Regulation S-T Rule 101(b)(7): ☐

Note: Regulation S-T Rule 101(b)(7) only permits the submission in paper of a Form 6-K if submitted to furnish a report or other document that the registrant foreign private issuer must furnish and make public under the laws of the jurisdiction in which the registrant is incorporated, domiciled or legally organized (the registrant's "home country"), or under the rules of the home country exchange on which the registrant's securities are traded, as long as the report or other document is not a press release, is not required to be and has not been distributed to the registrant's security holders, and, if discussing a material event, has already been the subject of a Form 6-K submission or other Commission filing on EDGAR.

EXHIBIT INDEX

<u>Exhibit</u>	<u>Description</u>
99.1	Press release dated December 30, 2024

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized.

Sigma Lithium Corporation
(Registrant)

Date: December 30, 2024



Ana Cristina Cabral Gardner
Chief Executive Officer



SIGMA LITHIUM EXCEEDS 4Q2024 TARGETS WITH 75,000T OF QUINTUPLE ZERO GREEN LITHIUM PRODUCED; POSITIONED TO SURPASS 270,000T IN 2025

December 23, 2024. São Paulo, Brazil – Sigma Lithium Corporation (TSXV/NASDAQ: SGML, BVMF: S2GM34) (“Sigma Lithium” or the “Company”), a leading global lithium producer dedicated to powering the next generation of electric vehicles with carbon-neutral, socially and environmentally sustainable lithium concentrate (“Quintuple Zero Green Lithium”), is pleased to announce the successful completion of the 2024 business year, significantly exceeding fourth-quarter production target with approximately 75,000 tonnes produced, and achieving a total of approximately 240,000 tonnes in production and sales volumes for the year. With its strong operational performance and commitment to sustainable growth, Sigma Lithium is well-positioned to exceed its 2025 production target of 270,000 tonnes.

Ana Cabral, CEO and Co-Chairman of Sigma Lithium, said, "With the successful completion of the fourth quarter, we are demonstrating mastery of our innovative green industrialization technologies for lithium processing and dense media separation. Our Greentech Industrial Plant is delivering lithium materials that are aligned with the ethos of the consumers of the electric vehicles, and this gives our team a tremendous sense of purpose and accomplishment. Exceeding production and commercial targets in the fourth quarter has reinforced our confidence in our ability to surpass our 2025 production targets. This remarkable year is a testament to the relentless pursuit of excellence by a highly dedicated team, showing that innovation thrives in diverse work environments".

She added: "We are also deeply honored by the embrace and support we have received throughout this year from all of our stakeholders: our neighbors at Vale do Jequitinhonha, our Federal Government of Brazil, our State Government of Minas Gerais, our customers, BNDES, our shareholders. Sigma Lithium's accomplishments this year would not have been possible without you. In 2025, we are well-positioned to exceed expectations and bring continued growth and shared prosperity to our region".

ABOUT SIGMA LITHIUM

Sigma Lithium (TSXV/NASDAQ: SGML, BVMF: S2GM34) 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 is one of the world's largest lithium producers. The Company operates at the forefront of environmental and social sustainability in the electric vehicle battery materials supply chain at its Grota do Cirilo Operation in Brazil. Here, Sigma produces Quintuple Zero Green Lithium at its state-of-the-art Greentech lithium beneficiation plant, delivering net zero carbon lithium, produced with zero carbon intensive energy, zero potable water, zero toxic chemicals and zero tailings dams.

Phase 1 of the Company's operations entered commercial production in the second quarter of 2023. The Company has issued a Final Investment Decision, formally approving construction to double capacity to 520,000 tonnes of lithium concentrate through the addition of a Phase 2 expansion of its Greentech Plant.

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

FOR ADDITIONAL INFORMATION PLEASE CONTACT

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Sigma Lithium

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 @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 and Green Lithium, achievements and projections relating to the Zero Tailings strategy, achievement of ramp-up volumes, production estimates and the operational status of the Grota do Cirilo Project, and other forward-looking information. All statements that address future plans, activities, events, estimates, expectations or developments that the Company believes, expects or anticipates will or may occur is forward-looking information, including statements regarding the potential development of mineral resources and mineral reserves which may or may not occur. Forward-looking information contained herein is based on certain assumptions regarding, among other things: general economic and political conditions; the stable and supportive legislative, regulatory and community environment in Brazil; demand for lithium, including that such demand is supported by growth in the electric vehicle market; the Company's market position and future financial and operating performance; the Company's estimates of mineral resources and mineral reserves, including whether mineral resources will ever be

developed into mineral reserves; and the Company's ability to operate its mineral projects including that the Company will not experience any materials or equipment shortages, any labour or service provider outages or delays or any technical issues. Although management believes that the assumptions and expectations reflected in the forward-looking information are reasonable, there can be no assurance that these assumptions and expectations will prove to be correct. Forward-looking information inherently involves and is subject to risks and uncertainties, including but not limited to that the market prices for lithium may not remain at current levels; and the market for electric vehicles and other large format batteries currently has limited market share and no assurances can be given for the rate at which this market will develop, if at all, which could affect the success of the Company and its ability to develop lithium operations. There can be no assurance that such statements will prove to be accurate, as actual results and future events could differ materially from those anticipated in such statements. Accordingly, readers should not place undue reliance on forward-looking information. The Company disclaims any intention or obligation to update or revise any forward-looking information, whether because of new information, future events or otherwise, except as required by law. For more information on the risks, uncertainties and assumptions that could cause our actual results to differ from current expectations, please refer to the current annual information form of the Company and other public filings available under the Company's profile at www.sedar.com.

Neither the TSX Venture Exchange nor its Regulation Services Provider (as that term is defined in the policies of the TSX Venture Exchange) accepts responsibility for the adequacy or accuracy of this news release.

