

UNITED STATESSECURITIES AND EXCHANGE COMMISSIONWashington, D.C. 20549Form 6-KREPORT OF
FOREIGN PRIVATE ISSUER PURSUANT TO RULE 13a-16 OR 15d-16 UNDER THE SECURITIES EXCHANGE ACT OF
1934For the month of January 2025Commission File Number: 001-40569Standard Lithium Ltd.(Translation of
registrant's name into English)Suite 1625, 1075 West Georgia StreetVancouver, British Columbia, Canada V6E
3C9(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 [] On January 16, 2025, the
Registrant issued a press release, a copy of which is attached hereto as Exhibit 99.1 and is incorporated herein by
reference. (c) Exhibit 99.1. Press release dated January 16, 2025SIGNATURESPursuant 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. Standard Lithium Ltd. (Registrant) Date:
January 16, 2025 /s/ David Park Director & CEO Edgar Filing EXHIBIT
99.1Standard Lithium and Equinor Finalize \$225 Million Grant from the U.S. Department of Energy for the South West
Arkansas Project LEWISVILLE, Ark., Jan. 16, 2025 (GLOBE NEWSWIRE) -- Standard Lithium Ltd. (â€œStandard
Lithiumâ€) (TSXV:SLI) (NYSE:A:SLI), a leading near-commercial lithium developer, and Equinor, a global energy
leader, today announced that its jointly-owned U.S. subsidiary, SWA Lithium LLC, has closed the US\$225 million grant
from the U.S. Department of Energyâ€™s (â€œDOEâ€) Office of Manufacturing & Energy Supply Chains. The grant will
support construction of Phase 1 of the South West Arkansas (â€œSWAâ€) project. â€œClosing of the DOE grant is a
testament to the caliber of the South West Arkansas project,â€ said David Park, CEO and Director of Standard Lithium.
â€œSWA is one of the highest-grade lithium brine projects in North America, and through the use of DLE technology, a
near-term, sustainable opportunity to help secure Americaâ€™s domestic lithium supply chain.â€ â€œThe U.S.
Department of Energyâ€™s support demonstrates the projectâ€™s maturity and strengthens its financial robustness as
we work towards a final investment decision. We look forward to working with Standard Lithium and alongside the local
community to enhance the US lithium supply chain by deploying innovative technology,â€ says Hege Skryseth,
Executive Vice President for Technology, Digital & Innovation in Equinor. The SWA project is expected to be one of the
worldâ€™s first commercial-scale Direct Lithium Extraction (â€œDLEâ€) facilities. The project, located in Lafayette and
Columbia Counties, Arkansas, is expected to produce 45,000 tonnes per annum of lithium carbonate, developed in two
phases of 22,500 tonnes each. It is being developed in partnership with global energy leader Equinor, with ownership
shared at 55% by Standard Lithium and 45% by Equinor. A Definitive Feasibility Study and Front-End Engineering
Design for the Project are currently underway. The partnership is targeting a Final Investment Decision (â€œFIDâ€) by
the end of 2025 with Phase 1 production commencing as soon as 2028. As part of receiving the grant, the Project is
subject to the National Environmental Policy Act (â€œNEPAâ€) and will require completion of an Environmental
Assessment (â€œEAâ€). The Company expects to complete the EA this year, prior to reaching FID. More information,
including the opportunity for public comment and review, will be shared as the process progresses beginning in 2025.
David Park stated, â€œWeâ€™re committed to ensuring this project is a win for the Lewisville and southwest Arkansas
communities. For us that means adding approximately 100 direct, long-term jobs and 300 construction jobs, with a
commitment to hire at least 40% of the operations workforce locally.â€ Additionally, this Project will further benefit the
local community through infrastructure improvements, healthcare initiatives, educational partnerships, and workforce
development programs. About Standard Lithium Ltd. Standard Lithium is a leading near-commercial lithium
development company focused on the sustainable development of a portfolio of large, high-grade lithium-brine
properties in the United States. The Company prioritizes projects characterized by the highest quality resources, robust
infrastructure, skilled labor, and streamlined permitting. Standard Lithium aims to achieve sustainable, commercial-
scale lithium production via the application of a scalable and fully integrated Direct Lithium Extraction (â€œDLEâ€)
and purification process. The Companyâ€™s flagship projects are located in the Smackover Formation, a world-class
lithium brine asset, focused in Arkansas and Texas. In partnership with global energy leader Equinor ASA, Standard
Lithium is advancing the South West Arkansas project, a greenfield project located in southern Arkansas, and actively
exploring promising lithium brine prospects in East Texas. Additionally, the Company is advancing the Phase 1A project
in partnership with LANXESS Corporation, a brownfield development project located in southern Arkansas. Standard
Lithium also holds an interest in certain mineral leases in the Mojave Desert in San Bernardino County, California.
Standard Lithium trades on both the TSX Venture Exchange and the NYSE American under the symbol â€œSLIâ€; and
on the Frankfurt Stock Exchange under the symbol â€œS5Lâ€. Please visit the Companyâ€™s website at
www.standardlithium.com. About Equinor Equinor is an international energy company committed to long-term value
creation in a low-carbon future. Equinorâ€™s portfolio of projects encompasses oil and gas, renewables and low-carbon
solutions, with an ambition of becoming a net-zero energy company by 2050. Headquartered in Norway, Equinor is the
leading operator on the Norwegian continental shelf and is present in around 30 countries worldwide. Our partnership
with Standard Lithium to mature DLE projects builds on our broad US energy portfolio of oil and gas, offshore wind,
low carbon solutions and battery storage projects. For more information on Equinor in the US, please visit: Equinor in
the US - Equinor Qualified Person Steve Ross, P.Geol., a qualified person as defined by National Instrument 43-101 â€œ
Standards of Disclosure for mineral projects, and Vice President Resource Development for Standard Lithium, has
reviewed and approved the relevant scientific and technical information in this news release. Media Contacts: Chris
LangStandard Lithium Ltd.investors@standardlithium.com Ola Morten AanestadEquinorOraan@equinor.com Neither the
TSX Venture Exchange nor its Regulation Services Provider (as that term is defined in policies of the TSX Venture
Exchange) accepts responsibility for the adequacy or accuracy of this release. This news release may contain certain
â€œForward-Looking Statementsâ€ within the meaning of the United States Private Securities Litigation Reform Act of
1995 and applicable Canadian securities laws. When used in this news release, the words â€œanticipateâ€,
â€œbelieveâ€, â€œestimateâ€, â€œexpectâ€, â€œtargetâ€, â€œplanâ€, â€œforecastâ€, â€œmayâ€, â€œscheduleâ€
and other similar words or expressions identify forward-looking statements or information. These forward-looking
statements or information may relate to intended development timelines, future prices of commodities, accuracy of
mineral or resource exploration activity, reserves or resources, regulatory or government requirements or approvals,
the reliability of third party information, continued access to mineral properties or infrastructure, fluctuations in the
market for lithium and its derivatives, changes in exploration costs and government regulation in Canada and the
United States, and other factors or information. Such statements represent the Companyâ€™s current views with
respect to future events and are necessarily based upon a number of assumptions and estimates that, while considered
reasonable by the Company, are inherently subject to significant business, economic, competitive, political and social
risks, contingencies and uncertainties. Many factors, both known and unknown, could cause results, performance or

achievements to be materially different from the results, performance or achievements that are or may be expressed or implied by such forward-looking statements. The Company does not intend, and does not assume any obligation, to update these forward-looking statements or information to reflect changes in assumptions or changes in circumstances or any other events affecting such statements and information other than as required by applicable laws, rules and regulations.