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November 17, 2023

FILE NUMBER: 016658-00171

VIA SEDAR+

British Columbia Securities Commission (as Principal Regulator)
Alberta Securities Commission
Financial and Consumer Affairs Authority of Saskatchewan
The Manitoba Securities Commission
Ontario Securities Commission
Autorité des marchés financiers
Financial and Consumer Services Commission, New Brunswick
Nova Scotia Securities Commission
Prince Edward Island Securities Office
Government of Newfoundland and Labrador, Financial Services Regulation Division
Government of the Northwest Territories, Office of the Superintendent of Securities
Government of Yukon, Office of the Superintendent of Securities
Government of Nunavut, Office of the Superintendent of Securities

Re: Standard Lithium Ltd. - Prospectus Supplement dated November 17, 2023

We refer to the prospectus supplement (the “**Prospectus Supplement**”) of Standard Lithium Ltd. (the “**Company**”) dated November 17, 2023 to the (final) short form base shelf prospectus of the Company dated July 26, 2023, relating to the sale of common shares of the Company pursuant to an at-the-market offering.

We consent to being named under the heading “*Legal Matters*” in the Prospectus Supplement, and consent to the use of our legal opinion set out under the headings “*Eligibility for Investment*” and “*Certain Canadian Federal Income Tax Considerations*” in the Prospectus Supplement, which opinions are provided as of the date of the Prospectus Supplement.

We have read the Prospectus Supplement and have no reason to believe that there are any misrepresentations in the information contained in the Prospectus Supplement that are (i) derived from our legal opinions provided in the Prospectus Supplement, or (ii) within our knowledge as a result of the services performed by us in connection with such opinions.

Sincerely,

(signed) “DLA Piper (Canada) LLP”