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ONE WORLD LITHIUM ANNOUNCES EXTENSION OF PRIVATE PLACEMENT

Vancouver, BC - June 19, 2026 – One World Lithium Inc. (the “Company” or “OWL”) (CSE: OWLI) announces that the Canadian Securities Exchange has granted an extension to August 3, 2026, for completion of the Company’s previously announced non-brokered private placement financing (the “Offering”).

The Offering consists of up to 20,000,000 units (each, a “Unit”) at a price of \$0.045 per Unit, for gross proceeds of up to \$900,000. Each Unit will consist of one common share (each, a “Common Share”) of the Company and one non-transferable Common Share purchase warrant (each, a “Warrant”). Each Warrant will entitle the holder thereof to purchase one additional Common Share (each, a “Warrant Share”) at a price of \$0.08 per Warrant Share for a period of 36 months from the closing of the Offering.

All other terms and conditions of this Offering remain unchanged. For further details of the Offering see news releases dated April 30, 2026 and May 5, 2026.

About One World Lithium

One World Lithium Inc. is developing proprietary lithium extraction technologies and pursuing strategic partnerships to commercialize lower-impact, scalable lithium production from brines and clay slurries. For more information, visit: <https://oneworldlithium.com/>.

On behalf of the Board of Directors of One World Lithium Inc.

“Douglas Fulcher”

President and Chief Executive Officer

For more information please visit the Company’s website at www.oneworldlithium.com or email info@oneworldlithium.com or call 604-564-2017 Ext 104.

Forward-Looking Information: This press release may include forward looking information within the meaning of Canadian securities legislation. Forward looking information is based on certain key expectations and assumptions made by the management of the OWL, including any statements regarding beliefs, plans, expectations or intentions regarding the future, including, but not limited to: OWL’s ability to close the Offering and, in connection therewith, receive the necessary, corporate, shareholder, or regulatory approvals, as applicable; the availability of certain prospectus exemptions to potential investors as stated herein; and the intention of OWL to proceed with the advancement of OWL’s critical lithium extraction technology. Although OWL believes that the expectations and assumptions on which such forward-looking information is based are reasonable, there can be no assurance that such expectations or assumptions will prove to be correct, and undue reliance should not be placed on such forward-looking information. Forward-looking information is subject to a number of risks and uncertainties that could cause actual results and future events to differ materially from those anticipated in such forward-looking information. Such risks and uncertainties include, but are not limited to: (I) OWL’s inability to execute its business plan and raise funds to close the Offering; (II) OWL’s inability to prove-up and commercialize its lithium extraction technology; (III) risks and market fluctuations common to the mining industry and lithium sector in particular; (IV) advancement in new separation technologies; (V) the inability to obtain the requisite regulatory approvals for the Offering or to complete the Offering on the terms proposed. (vi) other risks outside the direct control of OWL. The reader is cautioned that assumptions used in the preparation of forward-looking information may prove to be incorrect, and that events or circumstances may cause actual results to differ materially from those predicted, as a result of numerous known and unknown risks, uncertainties and other factors, many of which are beyond the control of OWL. All forward-looking information contained in this press release is made as of the date hereof, and OWL does not undertake any obligation to update or revise any forward-looking information, whether as a result of new information, future events or otherwise, except as required by applicable securities laws. The reader is cautioned not to place undue reliance on forward-looking information contained in this press release.

Neither the Canadian Securities Exchange nor its Market Regulator (as that term is defined in the policies of the Canadian Securities Exchange) accepts responsibility for the adequacy or accuracy of this release