

ASX ANNOUNCEMENT

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Catamarca Completes Strategic Ramsar Environmental Management Plan Representing a Key EIA Milestone for the Kachi Lithium Project

Lake Resources N.L. (ASX: LKE; OTC: LLKKF) (“Lake” or “the Company”) today welcomed the approval by the Government of Catamarca that it has completed the Management Plan and Strategic Environmental Assessment (“Management Plan”) for the Ramsar North Subsite “Lagunas Altoandinas y Puneñas”.

The Kachi lithium brine project (“Kachi”) in Catamarca Province, Argentina is a part of the Ramsar North Subsite “Lagunas Altoandinas y Puneñas”. This approval is a critical step forward for receipt of the final Exploitation Environmental Impact Assessment (“EIA”) approvals expected in 2026.

The Ramsar Convention is an international treaty for conservation and sustainable use of wetlands. The Catamarca Ministry of Water, Energy and Environment is responsible for implementing Ramsar obligations, administering the Management Plan, and ensuring that all activities within the site comply with the Convention’s environmental safeguards.

In this context, the completion of the Management Plan represents an important institutional milestone for the Catamarca Province. It strengthens the regulatory framework under which proposed mining projects such as Kachi are evaluated and establishes a structured basis for biodiversity protection, environmental monitoring, and sustainable development in the high Andean wetlands.

Kachi’s design—leveraging Lilac Solutions’ Gen 5 ion-exchange technology—eliminates evaporation ponds, slashes freshwater use by over 90%, and ensures zero discharge to sensitive ecosystems, aligning with Argentina’s pro-mining reforms under the RIGI regime and the anticipated US-Argentina trade framework for secure critical minerals supply chains.

"This Ramsar endorsement underscores Kachi's leadership in low-impact lithium development," said David Dickson, Managing Director and CEO of Lake Resources. "With our globally significant lithium resource and estimated low OPEX, we're going to set the industry standard for responsible lithium extraction which supports the energy transition without compromising Argentina's precious wetlands."

"The Ramsar North Subsite ‘Lagunas Altoandinas y Puneñas’ approval exemplifies the balanced progress we’re fostering in Catamarca—sustainable mining that safeguards our wetlands while driving economic growth and job creation," said Eduardo Niederle, Minister of Water, Energy and Environment for Catamarca Province.

Mr. Dickson said Lake remains focused on advancing the EIA approval process, securing strategic partnerships to fund Kachi Phase One construction and progressing to a final investment decision.

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About Lake Resources N.L. (ASX: LKE OTC: LLKKF)

Lake Resources N.L. (ASX: LKE, OTC: LLKKF) is a responsible lithium developer utilising state-of-the-art ion exchange extraction technology for production of sustainable, high purity lithium from its flagship Kachi Project in Catamarca Province within the Lithium Triangle in Argentina.

This ion exchange extraction technology delivers a solution for two rising demands – high purity battery materials to avoid performance issues, and more sustainable, responsibly sourced materials with low carbon footprint and significant ESG benefits.

Forward Looking Statements:

Certain statements contained in this announcement, including information as to the future financial performance of the projects and the Company, are forward-looking statements. Such forward-looking statements are necessarily based upon a number of estimates and assumptions that, while considered reasonable by Lake Resources N.L. are inherently subject to significant technical, business, economic, competitive, political and social uncertainties and contingencies; involve known and unknown risks and uncertainties and other factors that could cause actual events or results to differ materially from estimated or anticipated events or results, expressed or implied, reflected in such forward-looking statements; and may include, among other things, statements regarding targets, estimates and assumptions in respect of production and prices, operating costs and results, capital expenditures, reserves and resources and anticipated flow rates, and are or may be based on assumptions and estimates related to future technical, economic, market, political, social and other conditions and affected by the risk of further changes in government regulations, policies or legislation and that further funding may be required, but unavailable, for the ongoing development of Lake's projects. Lake Resources N.L. disclaims any intent or obligation to update any forward-looking statements, whether as a result of new information, future events or results or otherwise. The words "believe", "expect", "anticipate", "indicate", "contemplate", "target", "plan", "intends", "continue", "budget", "estimate", "may", "will", "schedule" and similar expressions identify forward-looking statements. All forward-looking statements made in this announcement are qualified by the foregoing cautionary statements. Investors are cautioned that forward-looking statements are not guarantees of future performance and accordingly investors are cautioned not to put undue reliance on forward-looking statements due to the inherent uncertainty therein. Lake does not undertake to update any forward-looking information, except in accordance with applicable securities laws.