

PAD #2 CONSTRUCTION COMPLETE AND WELLS LICENCED AT PRAIRIE

HIGHLIGHTS

- Environmental Pre-Disturbance Assessment and construction has been successfully completed at Pad #2 for the Prairie Lithium Project.
- The first two wells are licenced for drilling on Pad #2.
- Building multiple pads and drilling out the initial well infrastructure on each pad demonstrates how the Prairie project will be able to scale up production on a modular basis.

Arizona Lithium Limited (ASX: AZL, AZLO, AZLOA, OTC: AZLAF) (“Arizona Lithium”, “AZL” or “the Company”), a company focused on the sustainable development of two large lithium development projects in North America, the Big Sandy Lithium Project (“Big Sandy”) and the Prairie Lithium Project (“Prairie”), is pleased to provide an update on its Prairie Project in Saskatchewan, Canada. Pad location #2 construction has been completed, and the first two wells are licenced for drilling. In November 2023, the company finalised the location and cleared ground at the location of its first commercial location, Pad #1. Each Pad is being designed to produce 2,000 tonnes per annum (TPA) lithium carbonate equivalent (LCE), for an initial production target of 6,000 TPA LCE. Drilling and completion activities are underway at Pad #1. Having the Pad #2 location built, and initial wells drilled, de-risks the company's path to being able to increase production on a modular basis.

A video of the clearing the Pad can be found on the company's website:

<https://www.arizonalithium.com/wp-content/uploads/2024/07/Arizona-Lithium-Pad-2-lease-building.mp4>



Figure 1: Construction of Pad #2

Arizona Lithium Managing Director, Paul Lloyd, commented: “We are very excited to see our Prairie project through another milestone. The ability to have our second Pad location selected, approved and built is a testament to the jurisdictional advantages of operating in Saskatchewan. This also highlights our strategy of developing Pad locations independent from one another and increasing production on a modular basis, which keeps our Capex lower to establish production, and keeps our surficial environmental impacts to a minimum and no long-distance pipelines to transport brine.”

About the Prairie Lithium Project

AZL's Prairie Lithium Project is located in the Williston Basin of Saskatchewan, Canada, and holds a resource of 6.3 MT of LCE, comprised of 4.5 MT LCE Indicated and 1.8 MT LCE Inferred¹. Located in one of the world's top mining friendly jurisdictions, the projects have easy access to key infrastructure including electricity, natural gas, fresh water, paved highways and railroads. The projects also aim to have strong environmental credentials, with Arizona Lithium targeting to use less use freshwater, land and waste, aligning with the Company's sustainable approach to lithium development.

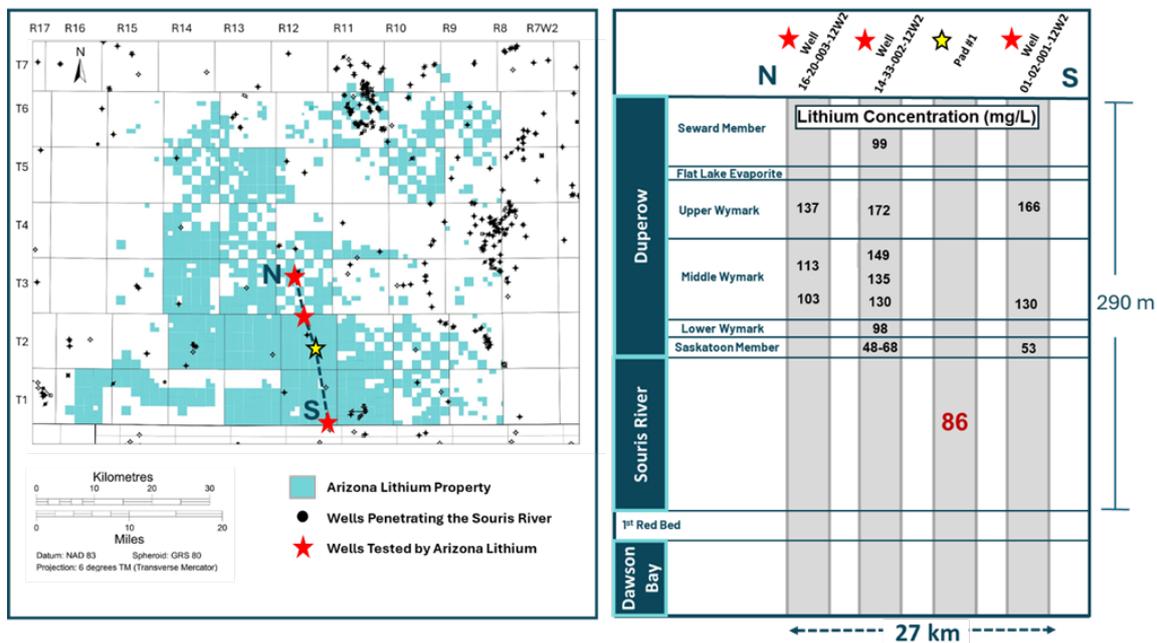


Figure 2: Location map and representative lithium concentrations from Arizona Lithium's test wells

¹ ASX Announcement – "6.3 Million Tonne Lithium Resource At Prairie" – 13 December 2023

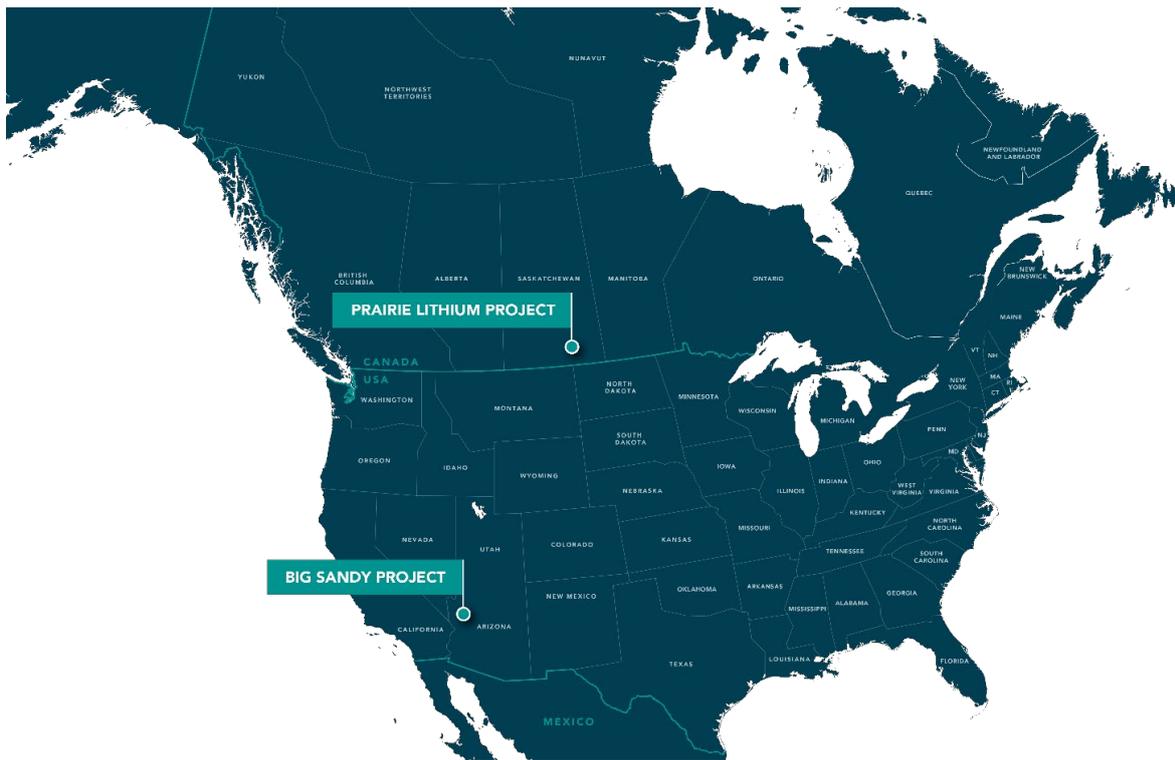


Figure 3: Location of Arizona Lithium's core projects

This ASX announcement is authorised for release by the Board.

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Competent Persons statement for Prairie and Registered Overseas Professional Organisation (ROPO) and JORC Tables

Gordon MacMillan P.Geol., Principal Hydrogeologist of Fluid Domains, who is an independent consulting geologist of a number of brine mineral exploration companies and oil and gas development companies, reviewed and approves the technical information pertaining to the resource provided in the release. Mr. MacMillan is a member of the Association of Professional Engineers and Geoscientists of Alberta (APEGA), which is ROPO accepted for the purpose of reporting in accordance with the ASX listing rules. Mr. MacMillan has been practising as a professional in hydrogeology since 2000 and has 24 years of experience in mining, water supply, water injection, and the construction and calibration of numerical models of subsurface flow and solute migration. Mr. MacMillan is also a Qualified Person as defined by NI 43-101 rules for mineral deposit disclosure.