

E3 Lithium Ltd. Begins Commissioning the Clearwater Project Demonstration Facility

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[E3 Lithium Ltd.](#) (TSXV: ETL) (FSE: OW3) (OTCQX: EEMMF), "E3", "E3 Lithium" or the "Company," a leader in Canadian lithium, announces that commissioning of Phase 1 of the Demonstration Facility is underway and on schedule. Phase 1 involves operating the 30-column DLE system (the "DLE System") and polishing and purification equipment (the "Purification Units"). As previously stated, the objective of Phase 1 is to fully operationalize the DLE System and Purification Units to produce a high-quality lithium chloride, which will support the production of battery-grade lithium carbonate.

This press release features multimedia. View the full release here:
<https://www.businesswire.com/news/home/20250902700528/en/>

Demonstration Facility as of August 24, 2025

Final testing and operational reviews were completed late last week; the first stage of commissioning is the introduction of brine into the DLE system, which occurred over the past weekend. The company expects the initial DLE System to take approximately one week to full commission. After which, the Purification Units will be initialized and lithium chloride produced from the DLE System will flow through this system, completing the commissioning stages of Phase 1. Once both the DLE System and Purification Units have completed their respective commissioning stages, the Demonstration Facility will shift to full operations. The main goals of Phase 1 are to ensure the equipment is in operating order after assembly, confirm both systems functionality under real-time operating conditions and produce a high-quality lithium chloride for conversion into battery-grade lithium carbonate.

E3 Lithium has sufficient brine on site to enable the operation of the Phase 1 DLE and purification units into early Q4, 2025, and the Company expects to provide updates as operations progress and results become available.

"The commissioning of Phase 1 of our Demonstration Facility highlights the equipment is in full working order and is an exciting next step for the advancement of this facility," said Chris Doornbos, President and CEO. "The results from Phase 1 will ensure that our process is fully optimized and ready for Phase 2 of the Demonstration Facility that is set to begin later this fall."

ON BEHALF OF THE BOARD OF DIRECTORS

Chris Doornbos, President, CEO & Chair
E3 Lithium Ltd.

About E3 Lithium

E3 Lithium is a development company with a total of 21.2 million tonnes of lithium carbonate equivalent (LCE) Measured and Indicated¹ as well as 0.3 Mt LCE Inferred mineral resources² in Alberta and 2.5 Mt LCE Inferred mineral resources³ in Saskatchewan. The Clearwater Pre-Feasibility Study outlined a 1.13 Mt LCE proven and probable mineral reserve with a pre-tax NPV(8%) of USD 5.2 Billion with a 29.2% IRR and an after-tax NPV(8%) of USD 3.7 Billion with a 24.6% IRR¹.

1: The Clearwater Project NI 43-101 Pre-Feasibility Study, effective June 20, 2024, is available on the E3 Lithium's website (www.e3lithium.ca/technical-reports/) and SEDAR+ (www.sedarplus.ca).

2: The mineral resource NI 43-101 Technical Report for the Garrington District Lithium Resource Estimate,

effective June 25, 2025, identified 5.0 Mt LCE (measured and indicated) and 0.3 Mt LCE (inferred) and will be available on the E3 Lithium's website (www.e3lithium.ca/technical-reports/) and SEDAR+ (www.sedarplus.ca) within 45 days of this news release.

3: The mineral resource NI 43-101 Technical Report for the Estevan Lithium District, effective May 23, 2024, identified 2.5 Mt LCE (inferred) and is available on the E3 Lithium's website (www.e3lithium.ca/technical-reports/) and SEDAR+ (www.sedarplus.ca).

Unless otherwise indicated, Kevin Carroll, P. Eng., Chief Development Officer and a Qualified Person under National Instrument 43-101, has reviewed and is responsible for the technical information contained on this news release.

Forward-Looking and Cautionary Statements

This news release includes certain forward-looking statements as well as management's objectives, strategies, beliefs and intentions or forward-looking information within the meaning of applicable securities laws. Forward-looking statements are frequently identified by such words as "believe", "may", "will", "plan", "expect", "anticipate", "estimate", "intend", "project", "potential", "possible" and similar words referring to future events and results. Forward-looking statements are based on the current opinions, expectations, estimates and assumptions of management in light of its experience, perception of historical trends, and results of the PFS, but such statements are not guarantees of future performance. In particular, this news release contains forward-looking information relating to: the expected timelines for the assembly, testing and commissioning of the demonstration equipment; production, pretreatment, purification, volume reduction and conversion process and features and the expected outcomes thereof; the Company's expectations regarding the production of lithium carbonate; plans and objectives of management for the Company's operations of the Demonstration Facility; and the inherent hazards associated with mineral exploration and mining operations. In preparing the forward-looking information in this news release, the Company has applied several material assumptions, including, but not limited to, that any additional financing needed will be available on reasonable terms; the exchange rates for the U.S. and Canadian currencies will be consistent with the Company's expectations; that the current exploration, development, environmental and other objectives concerning the Demonstration Facility can be achieved and that its other corporate activities will proceed as expected; that general business and economic conditions will not change in a materially adverse manner and that all necessary governmental approvals for the planned activities on the Demonstration Facility will be obtained in a timely manner and on acceptable terms.

All forward-looking information (including future-orientated financial information) is inherently uncertain and subject to a variety of assumptions, risks and uncertainties, including the speculative nature of mineral exploration and development, fluctuating commodity prices, the effectiveness and feasibility of emerging lithium extraction technologies which have not yet been tested or proven on a commercial scale or on the Company's brine, risks related to the availability of financing on commercially reasonable terms and the expected use of proceeds; operations and contractual obligations; changes in estimated mineral reserves or mineral resources; future prices of lithium and other metals; availability of third party contractors; availability of equipment; failure of equipment to operate as anticipated; accidents, effects of weather and other natural phenomena and other risks associated with the mineral exploration industry; the Company's lack of operating revenues; currency fluctuations; risks related to dependence on key personnel; estimates used in financial statements proving to be incorrect; competitive risks and the availability of financing, as described in more detail in our recent securities filings available under the Company's profile on SEDAR+ (www.sedarplus.ca). Actual events or results may differ materially from those projected in the forward-looking statements and we caution against placing undue reliance thereon. We assume no obligation to revise or update these forward-looking statements except as required by applicable law.

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