

E3 Lithium Ltd. Provides Demonstration Plant Progress Update, Reminder of Webinar Today at 9am MT

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[E3 Lithium Ltd.](#) (TSXV: ETL) (FSE: OW3) (OTCQX: EEMMF), "E3", "E3 Lithium" or the "Company," a leader in Canadian lithium, is pleased to provide a progress update on its Demonstration Facility ("Demo Facility") which is planned to be commissioned in 2025. As previously announced on Feb 25, 2025, the Demo Facility will be brought on stream in three phases over the second half of 2025.

The critical pieces of equipment being manufactured for Phase 1 and Phase 2 of the Demo Facility are the 30-column process optimization equipment and the polishing equipment. These components will produce a highly purified lithium chloride that will be converted into battery-quality lithium carbonate, using equipment that is currently operating in E3 Lithium's laboratory in Calgary, Alberta, that will be integrated into the Demo Facility.

All of the critical components for the 5 skids being constructed have been procured and the skids are approximately 50% assembled. Outlined in the pictures below is the valve control skid, which will operate the 30 column DLE skid (not pictured) and one of the polishing skids. While delays can occur, the equipment remains on schedule for Q2 completion and arrival on site in Q3. Installation, assembly, and commissioning will commence in Q3, subject to regulatory approval.

E3 plans on drilling two wells, a production and injection pair to complete a subsurface demonstration, also planned for Q3. Later in 2025, E3 will begin preparation for Phase 3, which includes the installation of a commercial scale DLE column. The three Phases of the Demo Facility aim to fully validate the processing technology and produce battery-grade lithium carbonate from Leduc Brines, which will significantly de-risk the process heading into the completion of Feasibility and commencement of project financing for E3 Lithium's Clearwater Project.

"It is always very exciting to see equipment being assembled," commented E3 Lithium's CEO, Chris Doornbos. "A lot of design and process engineering has gone into ensuring this equipment is built to operate effectively. I want to thank the team for their commitment and focussed efforts to deliver high quality results and the fabricators for working diligently and safely to remain on schedule."

As previously announced, the Company is hosting a Webinar this morning, April 16, 2025 at 9:00am MT to provide commentary on current trends in the lithium and broader markets and review an update of the Company's 2025 development plans and recent announcements as found in the recently updated corporate presentation available on E3 Lithium's website at www.e3lithium.ca/presentations.

Registration Link: Zoom (click here to log in at the time of the webinar; no need to register)

Picture 1: Valve control skid

For picture, see press release at www.e3lithium.ca/newsroom/news-releases/

Picture 2: Polishing skid

For picture, see press release at www.e3lithium.ca/newsroom/news-releases/

ON BEHALF OF THE BOARD OF DIRECTORS

Chris Doornbos, President & CEO
E3 Lithium Ltd.

About E3 Lithium

E3 Lithium is a development company with a total of 16.2 million tonnes of lithium carbonate equivalent (LCE) Measured and Indicated ¹ as well as 0.9 million tonnes LCE Inferred mineral resources² in Alberta and 2.5 million tonnes 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 NPV8% of USD 5.2 Billion with a 29.2% IRR and an after-tax NPV8% of USD 3.7 Billion with a 24.6% IRR¹. E3 Lithium's goal is to produce high purity, battery grade lithium products to power the growing electrical revolution. With a significant lithium resource and innovative technology solutions, E3 Lithium has the potential to deliver lithium to market from one of the best jurisdictions in the world.

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

2: The mineral resource NI 43-101 Technical Report for the North Rocky Property, effective October 27, 2017, identified 0.9 Mt LCE (inferred) and is available on the E3 Lithium's website (e3lithium.ca/technical-reports/) and SEDAR+ (www.sedarplus.ca).

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 (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 estimated mineral resources and mineral resources at the Clearwater Project; expectations regarding the PFS, including statements regarding the results of the PFS and interpretations thereof; expectations concerning the Clearwater Project, including extraction, production, pretreatment, purification, volume reduction and conversion process and features and the expected outcomes thereof; the expected economic performance of the Clearwater Project, including capital costs, operating costs, water usage, land use and carbon emissions; statements regarding the Company's strategy for minimizing environmental impact and liquid waste and maximizing water reuse, with no planned tailings or waste piles; the potential for a secondary revenue stream should the Company be able to sell the calcium carbonate generated during the production of lithium hydroxide; plans and objectives of management for the Company's operations and the Clearwater Project; 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 Clearwater Project can be achieved and that its other corporate activities will proceed as expected; that the current price and demand for lithium will be sustained or will improve; 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 Clearwater Project will be obtained in a timely manner and on acceptable terms; the continuity of the price of lithium.

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+ at 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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