



NEWS RELEASE

May 6, 2026

## **LibertyStream Strengthens Lithium Platform with Faster Cycle Times, Improved Reliability, and On-Site Lithium Carbonate Production**

- *LibertyStream's Gen 6 direct lithium extraction platform incorporates 21 months of field operations, more than 400,000 barrels of processed brine, and over 2,500 operating tests into an improved operating configuration designed to enhance reliability, throughput stability, and lithium carbonate production quality.*
- *The Gen 6 platform reduces cycle time to approximately 20 minutes, compared with approximately 60 minutes under the Gen 5 configuration, supporting lower reagent consumption, energy use, and labor cost per tonne of lithium carbonate equivalent.*
- *The Gen 6 system was installed at Select Water Solutions' facility in Howard County, Texas in March 2026, where lithium carbonate production is underway, including output supporting technical- and battery-grade applications.*
- *The system establishes the operating template for LibertyStream's integrated extraction-and-refining system, designed to process up to 120,000 barrels of oilfield brine per day and produce up to 1,000 tonnes per annum of lithium carbonate.*

**Dallas, Texas** – *LibertyStream Infrastructure Partners Inc.* (TSXV: LIB | OTCQB: VLTLF | FSE: I2D) ("**LibertyStream**" or the "**Company**") announces that it has strengthened its Gen 6 lithium extraction platform by applying 21 months of field operations, pilot programs, and Gen 5 operating data to an improved operating configuration. The Gen 6 platform converts field learnings into faster cycle times, reduced operating variability, improved reliability, and on-site lithium carbonate production, including output supporting technical- and battery-grade applications.

***"Gen 6 reflects the operating discipline and field experience LibertyStream has built over the past 21 months," commented Alex Wylie, President & CEO of LibertyStream. "We have processed more than 400,000 barrels of brine, completed over 2,500 operating tests, and applied that data to improve recovery speed, throughput stability, reliability, and lithium carbonate quality. With the system installed at Select and production underway on site, LibertyStream is better positioned to advance customer qualification, scaled deployment, and future replication across high-volume U.S. brine resources."***

### **Field Validation Drives Next Generation Platform Improvements**

LibertyStream has successfully extracted lithium from oilfield brine for the past 21 months at its Texas field operations, establishing a field-tested operating base for scaled deployment. During the initial six months of field activity, the Company scaled its system three times, culminating in the commissioning of its Gen 5 operating platform in February 2025. The Gen 5 system was designed to process up to 10,000 barrels of oilfield brine per day and has since processed more than 400,000 barrels of brine across over 2,500 operating tests.

This operating history directly informed the Gen 6 configuration. Implemented in the second half of 2025, Gen 6 uses a continuous-flow model that integrates DLE, rinse, and acid-recovery operations. This configuration reduces mechanical complexity, minimizes batch-related variability, and streamlines the



extraction sequence. Over the past eight months, LibertyStream has completed more than 200 Gen 6 field trials, demonstrating a step-change improvement in performance relative to Gen 5.

Following this field validation program, LibertyStream installed the Gen 6 system at Select Water Solutions' facility in Howard County, Texas in March 2026. The system is producing lithium carbonate on site, including output supporting technical- and battery-grade applications, and establishes the operating template for LibertyStream's integrated extraction-and-refining system designed to produce up to 1,000 tonnes per annum of lithium carbonate.

The Gen 6 configuration incorporates a total operating performance approach, including equipment life, reliability, process automation, reagent consumption, and operating consistency. The platform reduces cycle time, supports lower reagent consumption, and strengthens the stability of lithium carbonate production. Its continuous-flow design and improved asset protection support uptime, maintenance efficiency, and more reliable operation in West Texas field conditions.

The refined design improves operational assurance and aligns the system with the requirements of downstream customers, strategic partners, and financing stakeholders. It also strengthens LibertyStream's modular, infrastructure-integrated production model as the Company advances deployment across high-volume U.S. brine resources.

### Gen 6 Platform Improvements vs. Gen 5

Metric	Gen 6	Gen 5	Comparison
<b>Process</b>	Continuous	Multiple Batch	Continuous DLE, rinse, and acid-recovery operations streamline extraction and reduce batch-related variability.
<b>Cycle Time</b>	~20 Minutes	~60 Minutes	Approximately 2.9x faster cycle time supports improved throughput and stronger operating economics.
<b>Asset Integrity</b>	Housed indoor on concrete pad and containment	Internal build pad and open-air system	Improved asset protection supports reliability and reduces maintenance exposure in desert field conditions.
<b>Media Degradation</b>	<5%	10%	Improved media and system design reduces degradation, lowering operating cost and future replacement capital.
Gen 6 reflects two years of field experience translated into faster cycle times, improved asset integrity, reduced operating variability, and stronger system performance.			

Together, these improvements support commissioning readiness, limit operational variability, and strengthen the facility's ability to meet stringent product-quality requirements. By incorporating these reliability and performance features into the initial build, LibertyStream is positioning the platform for a more stable ramp toward steady-state production and future deployments.



## **About LibertyStream Infrastructure Partners**

LibertyStream is a lithium development and technology company aiming to be one of North America's first commercial producers of lithium carbonate from oilfield brine. Our strategy is to generate value for shareholders by leveraging management's hydrocarbon experience to deploy our proprietary DLE technology directly into existing oil and gas infrastructure, thereby reducing capital costs, lowering risks and supporting the world's clean energy transition. We are committed to operating efficiently and with transparency across all areas of the business staying sharply focused on creating long-term, sustainable shareholder value. Investors and/or other interested parties may sign up for updates about the Company's continued progress on its website: <https://LibertyStream.com/>.

## **Contact Information**

For Investor Relations inquiries or further information, please contact:

Alex Wylie, President & CEO  
T: +1.972.626.1645  
E: [info@libertystream.com](mailto:info@libertystream.com)

Or

Bill McClain, Investor Relations  
T: +1.604.773.9423  
E: [info@libertystream.com](mailto:info@libertystream.com)

## **Forward Looking Statements**

This news release includes certain "forward-looking statements" and "forward-looking information" within the meaning of applicable Canadian securities laws (collectively referred to herein as "forward-looking information"). When used in this news release, the words "anticipate", "believe", "estimate", "expect", "target", "plan", "forecast", "may", "will", "would", "could", "schedule" and similar words or expressions, identify forward-looking information. Statements, other than statements of historical fact, may constitute forward-looking information and include, without limitation, the Company's expectations to replicate the current template across high-volume U.S. basins and related expectations in respect of expansion in Texas and North Dakota; the de-risking scalability of the Company's Refining Unit coupled with its DLE technology; management's expectations relating to the continued results from the Refining Unit and of its ability to continue to produce lithium carbonate therefrom; the ability of the results from pre-commercial operations to date to create meaningful shareholder value and the Company's ability to secure long-term commercial contracts; anticipated processing capacity of the Refining Unit; the next critical stage of operations for the Company; the Company's near-term focus of producing consistent lithium carbonate; the Company's intended near-term strategy and next steps to achieve such strategy; the Company's intention to initiate offtake discussions with partners; the anticipated steps and timing related to launching full-scale operations in 2026 with the goal of supplying commercial volumes by 2027; the Company's intention to commence selling all lithium carbonate produced into the spot market in 2026; the anticipated use of proceeds received from recent grant funding and option and warrant exercises to support the advancement of the Company towards commercial-scale lithium carbonate production; and the benefits to the Company's proprietary DLE technology including the anticipated reduction of capital costs associated with lithium carbonate extraction from oilfield brine by the use of existing oil and gas infrastructure and the support of clean energy transition efforts caused by the deploy of the Company's proprietary DLE technology. With respect to the forward-looking information contained in this news release, the Company has made numerous assumptions. While the Company considers these assumptions to be reasonable, these assumptions are inherently subject to significant uncertainties and contingencies and may prove to be incorrect. Additionally, there are known and unknown risk factors which could cause the Company's actual results, performance or achievements



to be materially different from any future results, performance or achievements expressed or implied by the forward-looking information contained herein including the risk that management's production estimates relating to the Refining Unit turn out to be incorrect and that the timing of launching full-scale operations may be delayed or not occur at all; the risk that the Company is not able to secure appropriate partnerships, customers, and offtake agreements on terms acceptable to the Company or at all; the risk that the Company cannot achieve full commercial-scale operations on the timeline currently anticipated or at all; the risk that the Refining Unit and related DLE technology cannot be scaled on a commercial basis as currently anticipated by the Company or at all; the risk that the anticipated near-term strategy may not be executed as currently anticipated; and, generally, those known risk factors outlined in the Company's Management's Discussion and Analysis for the period ended December 31, 2024 and Management's Discussion and Analysis for the three and six months ended June 30, 2025. All forward-looking information herein is qualified in its entirety by this cautionary statement, and the Company disclaims any obligation to revise or update any such forward-looking information or to publicly announce the result of any revisions to any of the forward-looking information contained herein to reflect future results, events or developments, except as required by law.

***Neither the TSX Venture Exchange nor its Regulation Services Provider (as that term is defined in the policies of the TSX Venture Exchange) accepts responsibility for the adequacy or accuracy of this news release.***