



For Immediate Release

East Penn Canada and Terrapure win Environment + Energy Leader Award for innovative circular economy product

Teaming up to create a closed-loop process to recycle up to 99% of lead batteries

AJAX and BURLINGTON, ONT., July 21, 2020 – Terrapure Environmental® (Terrapure) and East Penn Canada today announced that they received an Environment + Energy Leader Award for Project of the Year for their closed-loop, circular-economy approach to lead battery recycling.

The Environment + Energy Leader Awards is a program recognizing excellence in products and services that provide companies with energy and environmental benefits, and in projects implemented by companies that improve environmental or energy management and increase the bottom line.

East Penn Canada collects spent batteries from its customers and ships them to Terrapure to break the batteries down to their base components for recycling. Terrapure processes and refines the lead to East Penn's specifications, and it is then returned to East Penn's battery manufacturing facility in Pennsylvania for use in new batteries.

"This approach is a real win-win," said Ross Atkinson, Senior Vice President of Battery Recycling at Terrapure. "It provides East Penn a closed-loop recycling process for their batteries, ensuring a beneficial reuse of a valuable commodity, while also helping preserve a finite natural resource. We're proud to be recognized for our battery-recycling efforts."

"Not only does Terrapure's recycling process provide a circular-economy solution for a portion of East Penn's lead batteries, it also takes 60 percent less energy to produce recycled lead, helping to reduce our carbon footprint," said Mike Bouchard, President East Penn Canada.

While the overall caliber of entries was exceptionally high this year, judges agreed that East Penn and Terrapure's closed-loop recycling process demonstrates impressive results.

One judge noted: "Building a closed-loop circular-economy system is a significant challenge and expense. Great to see an investment that will impact a broad sector, since lead batteries are used in so many products, both consumer-focused and manufacturing/industrial. The entry provides multiple environmental management results, including preventing waste and promoting reuse, reduced energy consumption for production, and reduced waste to landfill."

This is the fourth consecutive year Terrapure has been honoured with an Environment + Energy Leader Award. Previously, the company was recognized for its innovative centrifuge technology, its oil-recycling program and its innovative use of biosolids to remediate a mine site with Vale Canada.

"With rapid advancements and a near-constant rate of change in the field, sustainability and energy professionals had to prove to our judges that they were really the best of the best this year," said Sarah Roberts, Environment + Energy Leader publisher. "With a highly respected –

and critical – judging panel and a strict set of judging criteria, entrants faced an extremely high bar to qualify for an award.”

Terrapure receives approximately 10 million batteries annually and produces 125,000 metric tonnes of recycled lead per year, recovering 99 percent of batteries in Canada and diverting them from the landfill. For more information about Terrapure’s lead-acid battery recycling, visit <https://terrapureenv.com/service/battery-recycling-solutions/>. For more information on the Environment + Energy Leader Awards, visit <https://www.environmentalleader.com/environment-and-energy-leader-awards/>.

About East Penn Canada

East Penn Canada is the industry leader in the distribution and safe recovery of lead batteries in Canada. We were established in 1979 as Power Battery Sales Ltd., as an independent battery distribution and recovery team supporting the automotive after-market. In 1994, Power Battery Sales was acquired as a wholly owned subsidiary by East Penn Manufacturing Company Inc., and our product line was expanded to include motive power, telecommunications, UPS backup, renewable energy and most recently lithium applications.

Today East Penn Canada is headquartered in Ajax, Ontario and operates the largest Canadian distribution and recovery battery network supported by 17 fully stocked warehouses, a company owned fleet and over 300 employees of battery solution experts.

A core objective of East Penn Canada is to be an industry leader in the safe recovery and recycling of end-of-life lead batteries. In addition to our robust recovery and recycling program, we also have many partnerships, programs and processes to encourage others to engage in our Reverse Distribution network. We take great pride in the role we play in advancing the lead battery circular-economy.

For more information, visit www.eastpenncanada.com

About Terrapure

Terrapure Environmental is a leading Canadian provider of essential environmental and industrial services for industrial, commercial and institutional customers, including those in the manufacturing, mining, municipal, oil and gas, pulp and paper, refining and petrochemical, transportation, and utilities sectors. Headquartered in Burlington, Ontario, we employ approximately 2,000 people and operate an integrated network of over 70 locations across Canada.

At Terrapure, we’re Changing Waste for Good. We see both economy and environment as invaluable, understanding one cannot be prioritized at the expense of the other. With an unwavering focus on health and safety excellence, we provide services that reduce the volume of waste requiring disposal, recover value from industrial by-products, and restore industrial operations to peak efficiency. We provide these services through an extensive coast-to-coast facility network and through field services deployed on customer sites.

For more information, visit www.TERRAPUREenv.com.

About the Environment + Energy Leader Awards

For nearly a decade, the Environment + Energy Leader Awards have celebrated excellence in the world of environmental, sustainability and energy management. Award winners are truly buzz-worthy, and companies that sport a Top Project or Top Product of the Year Award badge are known to be the best of the best. When other companies are seeking a sustainability or energy management solution, they know that E+E Product of the Year Award winners offer a significant group of products, vetted by experts, to peruse for help in making their decisions. Project of the Year Award winners are known to illustrate how sustainability and energy management projects can successfully help other companies improve the bottom line.

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