



terrapure®

CHANGING WASTE FOR GOOD



/// Montreal Facility

1200 Rue Garnier
Sainte-Catherine, Quebec
J5C 1B4

Hours: 7 days per week; 24 hours per day
450-633-4400
Size: 21 hectares



/// Facility Overview

Terrapure's Montreal Facility is Canada's largest integrated battery recycling facility. It serves a diverse customer base including the automotive, marine, and railroad industry sectors. The facility receives spent lead batteries and other lead-bearing materials into its lead recycling process.

Terrapure partners with all major North American battery manufacturers to provide a sustainable closed-loop, circular-economy solution to capture spent batteries and recover their valuable components locally for reuse. In doing so, we help achieve a 99 percent recycling rate - the highest of any consumer product in North America. This includes collecting and processing lead batteries and producing high-quality recycled lead and polypropylene pellets for battery manufacturers.

Additionally, Terrapure's recycling process for lead and plastic generates significantly less GHG emissions than that of conventional production. The Montreal Facility produces 63 percent fewer emissions than what is generated to produce the same amount of lead using the conventional smelting and refining process and 66 percent less than that to produce the same amount of virgin polypropylene plastic.

The Montreal Facility is located in Ville Ste-Catherine, situated in an industrial park on the south shore of Montreal, with excellent road, seaway and direct rail access to key Canadian and U.S. markets.

/// Key Industries Served:

- Battery Manufacturing
- Energy Storage
- Telecommunications/
Data Centres

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/// Key Capabilities:

- Battery recycling: recycling lead batteries and processing lead concentrate to produce refined lead that exceeds 99.97% purity, made to meet customers' exact specifications
- Plastics recycling: recovering and processing plastics from used battery casings to produce high-quality recycled polypropylene pellets for reuse in manufacturing of new batteries and other products
- Industrial waste processing, including materials that are high in carbon, calorific value, iron or caustic material
- Materials processing, such as pallets and other packing materials
- Lead sales under the *Nova Pb* brand - London Metal Exchange (LME) approved and traded
- Only lead recycling facility in North America with two long-body rotary kilns, each equipped with in-line, high-temperature after-burner, gas conditioning tower and high-efficiency baghouses

// Other Services and Capabilities:

- Combined with our Toronto operations, Terrapure is capable of producing approximately 134,000 MT of purified lead per year from 12 million spent batteries
- Rotary kilns provide added ability to produce soft lead at a low cost over traditional furnace technology
- Lead refinery features five 60-tonne kettles and eight 100-tonne kettles to refine lead bullion, and two casting circuits with one for 30-kilogram ingots and one for one-tonne blocks
- Site features its own wastewater treatment; is able to use waste oil as an energy source; and recycles other wastes as substitute for non-renewable coke and iron

/// Storage Capacity & Permit Highlights:

- Storage capacity includes 14,000 MT of lead batteries, plus an additional 20 MT of other battery storage, in 7,000 m² of surface area storage location
- Permitted production capacity of 90,000 MT per year
- Permitted to receive:
 - Lead batteries and lead-containing minerals
 - Various metallic wastes and spent caustic solutions
 - Used oil with low-level PCBs (< 50 mg/kg) and used oil filters
 - Contaminated soda ash
 - Used tires and high-carbon wastes
- Permit allows facility to use other waste streams in production process

/// Changing Waste For Good

Terrapure is a leading provider of recycling solutions that contribute to the circular economy of batteries and create value for customers throughout North America. 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 environmental, health and safety excellence, we recycle lead batteries and provide recovered lead and plastics to the battery manufacturing industry for reuse in the creation of new products, while significantly reducing waste requiring disposal.

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