

# Specialty Equipment Received for Pilot Plant Resumption of Lithium-ion Battery Recycling Optimization Tests

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## Tesla Boss Elon Musk offers "Giant Contract" to Responsible Nickel Miners

SURREY, July 30, 2020 - [American Manganese Inc.](#) (TSXV:AMY) (OTC PINK:AMYZF) (FSE:2AM) ("AMY" or the "Company") is pleased to report that the Company's contract research lab, Kemetco Research, has received the required specialty equipment to continue Pilot Plant optimization tests for recycling lithium-ion battery material. Following the previously reported optimization results in the June 9, 2020 press release, where Pilot Plant processing capacity was upgraded from 64 kg/day to 160 kg/day after a successful engineering upgrade.

"We believe the specialized pieces of equipment and operational improvements should further increase the recycling process capacity of the lithium-ion battery cathode material," said Norman Chow, President of Kemetco Research.

"Given the initial and encouraging optimization results, we believe that continued testing is critical to American Manganese's go-to market strategy and a major differentiating factor amongst competitors in the growing recycling industry," said Larry W. Reaugh, President and CEO of American Manganese. "It is important that we go the extra mile on optimization testing, while costs are relatively low, so that we may put our best foot forward when it comes to the commercial recycling plant. We estimate that optimization results could subsequently improve commercial plant design and process capacity while lowering capital expenditures and the annual operating costs."

It is expected that the plant should be back up and running within the first week of August 2020.

The importance of recycling lithium-ion battery material for lithium, nickel, cobalt, manganese, and aluminum comes during strategic times as the battery metals supply chain faces shortages. Tesla's Elon Musk has even offered 'giant contracts' to miners able to extract nickel in an efficient and environmentally sustainable manner. AMY's RecycLiCo&#8482; patented process could recycle lithium-ion battery cathode materials, which includes a high percentage of nickel, such as the popular NMC-811 lithium-ion battery cathode that contains 8 parts nickel, 1 part manganese, and 1 part cobalt.

### About Kemetco Research Inc.

Kemetco Research is a private sector integrated science, technology, and innovation company. Their Contract Sciences operation provides laboratory analysis and testing, fieldwork, bench-scale studies, pilot plant investigations, consulting services, applied research and development for both industry and government. Their clients range from start-up companies developing new technologies through to large multinational corporations with proven processes.

Kemetco provides scientific expertise in the fields of Specialty Analytical Chemistry, Chemical Process, and Extractive Metallurgy. Because Kemetco carries out research in many different fields, it can offer a broader range of backgrounds and expertise than most laboratories.

### About American Manganese Inc.

[American Manganese Inc.](#) is a critical metals company focused on the recycling of lithium-ion batteries with the RecycLiCo&#8482; Patented Process. The process provides high extraction of cathode metals, such as

lithium, cobalt, nickel, manganese, and aluminum at battery-grade purity, with minimal processing steps. American Manganese Inc. aims to commercialize its breakthrough RecycLiCo&#8482; Patented Process and become an industry leader in recycling cathode materials from spent lithium-ion batteries.

On behalf of Management

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