

# American Manganese Inc. Achieves 92% Extraction of Lithium-ion Battery Material with Continuous Operation of Pilot Plant Project

06.10.2020 | [ACCESS Newswire](#)

99.5% Recovery Achieved with Batch Operation

SURREY, October 6, 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 achieved 92% extraction of lithium, nickel, and cobalt from NCA cathode scrap material. The extraction rate was achieved with continuous operation of the RecycLiCo&#8482; leach stage. The pilot plant tests, by batch operation, demonstrated 99.5% extraction which the Company views as a benchmark to achieve with continuous operation. American Manganese and Kemetco Research also intend to test the extraction of NMC cathode scrap at continuous operation.

The pilot plant extraction results follow the Company's successful optimization tests that resulted in a 356% increase in the pilot plant's pre-leach process capacity to 292kg/day of lithium-ion battery cathode material. In addition to the high extraction and purity achieved by the pilot plant project, the Company's next milestone is to produce recycled products from the cathode scrap material that meet the specific particle shape, size, and density required by the cathode and battery manufacturers.

"We are focused on our business strategy of recycling cathode scrap from the battery manufacturing process and directly and seamlessly integrating our recycled product into the battery manufacturing process. This would avoid the need to sell our recycled product further upstream within the battery material supply chain," said Larry Reaugh, President and CEO of American Manganese. "Therefore, our continued optimization tests are critical in achieving the material specifications required by tier-one battery manufacturers."

Test data is incorporated into the detailed engineering and development of the commercial plant and shared with companies conducting due diligence under non-disclosure agreements.

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, field work, 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 high 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  
[American Manganese Inc.](#)

Larry W. Reaugh

President and Chief Executive Officer

Telephone: 778 574 4444

Email: [lreaugh@amymn.com](mailto:lreaugh@amymn.com)

[www.americanmanganeseinc.com](http://www.americanmanganeseinc.com)  
[www.recyclico.com](http://www.recyclico.com)

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 release. This news release may contain "forward-looking statements", which are statements about the future based on current expectations or beliefs. For this purpose, statements of historical fact may be deemed to be forward-looking statements. Forward-looking statements by their nature involve risks and uncertainties, and there can be no assurance that such statements will prove to be accurate or true. Investors should not place undue reliance on forward-looking statements. The Company does not undertake any obligation to update forward-looking statements except as required by law.

SOURCE: [American Manganese Inc.](#)

View source version on accesswire.com:

<https://www.accesswire.com/609234/American-Manganese-Inc-Achieves-92-Extraction-of-Lithium-ion-Battery-Material>

---

Dieser Artikel stammt von [Rohstoff-Welt.de](#)

Die URL für diesen Artikel lautet:

<https://www.rohstoff-welt.de/news/363490--American-Manganese-Inc.-Achieves-92Prozent-Extraction-of-Lithium-ion-Battery-Material-with-Continuous-Operati>

Für den Inhalt des Beitrages ist allein der Autor verantwortlich bzw. die aufgeführte Quelle. Bild- oder Filmrechte liegen beim Autor/Quelle bzw. bei der vom ihm benannten Quelle. Bei Übersetzungen können Fehler nicht ausgeschlossen werden. Der vertretene Standpunkt eines Autors spiegelt generell nicht die Meinung des Webseiten-Betreibers wieder. Mittels der Veröffentlichung will dieser lediglich ein pluralistisches Meinungsbild darstellen. Direkte oder indirekte Aussagen in einem Beitrag stellen keinerlei Aufforderung zum Kauf-/Verkauf von Wertpapieren dar. Wir wehren uns gegen jede Form von Hass, Diskriminierung und Verletzung der Menschenwürde. Beachten Sie bitte auch unsere [AGB/Disclaimer](#)!

---

Die Reproduktion, Modifikation oder Verwendung der Inhalte ganz oder teilweise ohne schriftliche Genehmigung ist untersagt!  
Alle Angaben ohne Gewähr! Copyright © by Rohstoff-Welt.de -1999-2026. Es gelten unsere [AGB](#) und [Datenschutzrichtlinien](#).