Technology Innovation News Survey
Entries for September 16-30, 2017

Market/Commercialization Information

BASIC ELECTROLYTIC CHROMIUM REMEDIATION
Department of Agriculture, Utilities Programs, Funding Opportunity #5818-2017

This project is intended to improve and expand the technology of a system for the commercial production of chromium(III) from spent electrolyte, and to demonstrate its application to the treatment of chromium(III) waste from a variety of industrial sources. The system would provide a cost-effective and environmentally acceptable method for the recovery and recycling of chromium(III) from waste streams, with potential applications in the chemical, metal finishing, and pharmaceutical industries. The project will also include the development of a process for the recycling of chromium(III) from spent electrolyte, and the demonstration of the feasibility of using the recovered chromium(III) in the production of pigments and other products. The project will be conducted at a pilot-scale facility, with the goal of developing a commercial-scale process for the recovery and recycling of chromium(III) from waste streams. The project will be evaluated using a combination of technical, economic, and environmental criteria.

SOLID WASTE MANAGEMENT PROGRAM
Department of Agriculture, Utilities Programs, Funding Opportunity #5818-2017

This project is intended to develop and demonstrate a cost-effective and environmentally acceptable method for the treatment of chromium(III) waste from a variety of industrial sources. The system would provide a cost-effective and environmentally acceptable method for the recovery and recycling of chromium(III) from waste streams, with potential applications in the chemical, metal finishing, and pharmaceutical industries. The project will also include the development of a process for the recycling of chromium(III) from spent electrolyte, and the demonstration of the feasibility of using the recovered chromium(III) in the production of pigments and other products. The project will be conducted at a pilot-scale facility, with the goal of developing a commercial-scale process for the recovery and recycling of chromium(III) from waste streams. The project will be evaluated using a combination of technical, economic, and environmental criteria.