



ALCOA EASTALCO WORKS | FREDERICK, MD



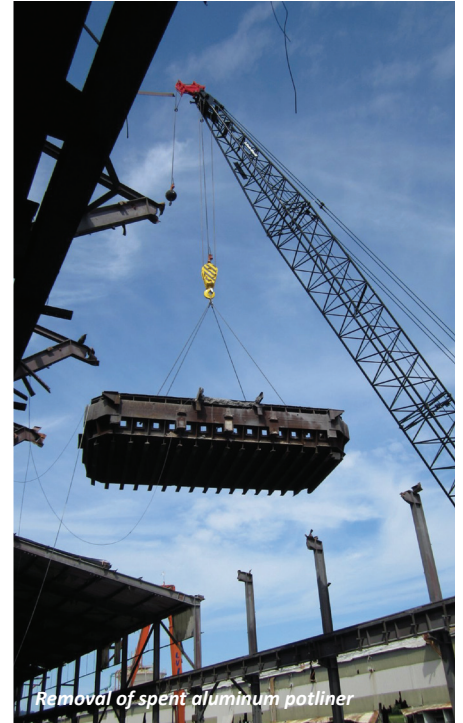
Excavation of spent potliner



Tower felling



Structural demolition with high reach equipment



Removal of spent aluminum potliner



2,000,000 SF Shuttered Aluminum Smelter Plant



March 2011 - December 2013



\$7,000,000



Alcoa Inc.



Structural Demolition



Hazardous Material Abatement



Salvage & Asset Recovery



Equipment Dismantlement



40-50 Skilled Workers Daily

LVI is currently self-performing the structural demolition and asbestos abatement of Alcoa's Eastalco aluminum smelter plant, permanently shuttered in 2005 due to swiftly rising energy costs related to plant operations. The 2,000-acre site in the farming community of Frederick, Maryland opened in 1970 and employed 600.

The project involves the structural demolition of 2 million square feet of buildings, asbestos abatement, spent potline decommissioning, excavation & removal, asset relocation and recovery, and the environmental cleanup of ponds and lagoons. The total contract value is \$7 million with LVI's client, Alcoa Inc., receiving an asset recovery benefit of salvage in excess of \$15 million. The asbestos abatement portion of the project is \$2 million. As of late 2012, LVI has remediated over 20,000 tons of spent potliner (HAZMAT K088 SPL), the conductive carbon used to line the pots in the electrolytic process that separates elemental aluminum from the alumina raw material. The excavated spent aluminum potliner, which typically contains a small amount of cyanide, lead, chrome, and considerable sodium and fluoride, was processed and sent off-site for proper disposal.

Project Managed By LVI Environmental Services Inc., a Philadelphia-based subsidiary of LVI Services Inc. | **Client Contact** Mark Stiffler, Director of Asset Management, (412) 553-1658