

## WASTE TECHNOLOGY SERVICES

For more than a decade Paradigm Environmental has served as Waste Technology's primary analytical services partner. WTS relies on Paradigm to provide timely and accurate analysis of waste materials destined for disposal. This allows WTS to properly characterize wastes and provide sound advice to their clients on disposal or recycling options. We also team with WTS on larger projects to provide turnkey solutions to complex waste generation and management issues. Examples include facility decommissioning, site remediation, and process control.

### State College, PA

Paradigm Environmental provided sampling and analysis of building materials as part of a pre-demolition assessment of a decommissioned glass manufacturing facility. Field sampling was conducted using hammer drills powered by portable generators. Samples were taken at over 40 locations, primarily consisting of concrete flooring and walls. Samples were analyzed for heavy metals, cyanide, inorganic ions, and TCLP metals. Sample analyses were conducted in accord with the Pennsylvania DEP document entitled "Management of Fill". All samples were successfully analyzed within one week, allowing for speedy assessment of demolition debris prior to disposal.

### Metal Alloy Manufacturing Facility

Paradigm provided analytical services on several occasions to support WTS oversight of investigation and remediation efforts at a central NY metal alloy manufacturing facility. This involved the analysis of soil, concrete, and groundwater for contaminants such as PCB's and RCRA metals. Our ability to provide accurate results with rapid turnaround allowed WTS to work with their clients in real time, and vastly improve the efficiency of on-site activities.

