



PN99-630-1-2



PN99-630-1-9

Spectro Xepos XRF Analyzer

Problem

The Waste Experimental Reduction Facility decommissioning project needed to detect polychlorinated biphenyl (PCB) contamination in various media.

Baseline Technology

Sample collection and off-site laboratory analysis.

Innovative Technology

The Spectro Xepos X-Ray Fluorescence (XRF) Analyzer detects the presence of chlorine in samples so operators can decide if off-site analysis is required.

Comparison

This analyzer only requires small samples and produces results within 10 minutes, whereas off-site analysis requires large samples and analytical work that may take up to 90 days to complete.

Benefits

This analyzer significantly reduces project costs and schedule delays associated with sending all samples for off-site analysis.



WASTE MANAGEMENT PROGRAM

Project: ID-WM-101
INEEL Low-Level Waste/Mixed Low-Level Waste/Other Waste Program

OST #2398