



Conestoga-Rovers & Associates Project Summary

KEY PROJECT ELEMENTS

- Construction Management
- Decontamination
- Demolition
- Health and Safety Plan
- RCRA Waste Disposal

WORLD KITCHEN, INC. CHARLEROI, PENNSYLVANIA



CLIENT: WORLD KITCHEN, INC.
DURATION: JANUARY - APRIL 2001
COST: \$500,000

CRA was contracted to decontaminate and demolish various equipment and structures at World Kitchen, Inc.'s Charleroi facility. Principal components of the project included the decontamination and demolition of an Air Pollution Control System (APCS); two spray paint booth structures; eight baghouses; and one kiln.

Another significant aspect of the project was the collection, removal, and offsite disposal of approximately 60 cubic yards of lead, cadmium, and arsenic contaminated dust from the baghouses and spray paint booths. The materials were collected and placed into 1.25 cubic yard disposal bags and transported to a RCRA disposal facility.

All of the equipment and structures were decontaminated by washing with rinse water to remove any residual dust. Rinse waters were collected, containerized, and shipped offsite for treatment and disposal. Due to the restrictions of working within an active manufacturing facility, all equipment and structures had to be demolished in sections. Subsequent to the decontamination process, the structures and equipment were prepared by making cuts at specific locations with hand-held torches. To remove each section, a hydraulic excavator, with a grapple hook, was used to remove and lower the section. Each section was then cut into smaller, manageable pieces for subsequent salvage as scrap metal.

To address the potential for contamination within the kiln structure, CRA collected samples of the firebrick lining. Only a small portion of the firebrick was classified as contaminated, and was removed, containerized, and shipped offsite along with the baghouse dust. The remaining firebrick was disposed of in a local industrial landfill.

CRA provided all remediation management services and prepared and implemented the project-specific health and safety plan. CRA worked closely with World Kitchen, Inc. and its subcontractors to complete the project within the scheduled time and budget.

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