



# Conestoga-Rovers & Associates Project Summary

## KEY PROJECT ELEMENTS

- Phase I/II Environmental Site Assessment
- Building Decommissioning Assessment
- Development of Facility Demolition Specifications
- Demolition Project Management/ Oversight

## LIBBEY GLASS PLANT CLOSURE CITY OF INDUSTRY, CALIFORNIA



CLIENT: LIBBEY GLASS, INC.  
DURATION: 2005  
COST: CONFIDENTIAL

CRA was retained in early 2005 to provide environmental engineering services preparatory to the closure of the Libbey Glass, Inc. glass plant in City of Industry, California. This work was in support of the sale and redevelopment of the property. Manufacturing operations ceased in February 2005. Conditions of the sale required the remediation of impacted soils and removal of all physical improvements by the end of the year.

Phase I and Phase II Environmental Site Assessments were conducted at the site by CRA, the results of which identified areas of impacted soils and groundwater with contaminant concentrations above established guidelines.

A Building Decommissioning Assessment was conducted by CRA to determine the extent of decommission cleaning required prior to demolition. The results of this study were utilized to develop specifications for facility cleaning and asbestos abatement. Specifications were also developed for the demolition of the structures and the removal of all surface and subsurface improvements in accordance with the terms of the Agreement of Purchase and Sale. Bid documents were prepared and qualified contractors were invited to bid through a competitive bid process.

The project was divided into three phases: decommission cleaning, asbestos and dust abatement, and demolition. Work was sequenced and scheduled to allow safe performance of the scope of work in a timely manner. CRA provided contractor oversight, project coordination, and contract administration.

Contaminated soils, process wastes, and asbestos were removed and properly disposed of in a cost-effective manner. Demolition debris was segregated and either recycled for salvage value, crushed as aggregate, or disposed of in licensed landfills. Approximately 95% of all demolition debris was recycled including 45,000 tons of concrete, which was crushed on site for reuse as aggregate. This aggregate remained available on the site for future use by the new owner.

The project was safely completed ahead of schedule in December 2005.

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