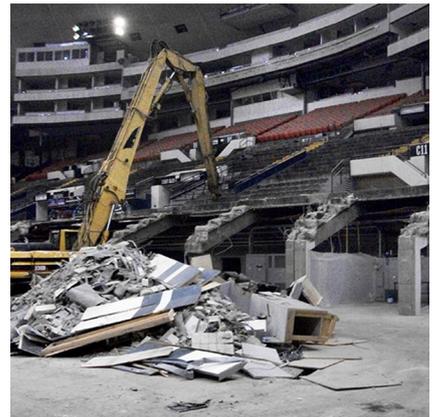


## LANGAN DEMOLITION



Technical Excellence Practical Experience Client Responsiveness

## CONTACT

### HEADQUARTERS

Parsippany' New Jersey  
300 Kimball Drive' 4th Floor  
Parsippany' NJ 07054  
973.560.4900  
973.560.4901

---

Technical Excellence Practical Experience Client Responsiveness

---



## ANDREWS AIR FORCE BASE DEMOLITION - BUILDINGS 1535 AND 1513

Location: Andrews Air Force Base, MD  
Client: ECC  
Services: Demolition, Site/Civil, Environmental, Traditional Surveying

### OVERVIEW

Langan provided design-build engineering services for demolition of the old headquarters building at Andrews Air Force Base. The project included hazardous material abatement and demolition of the 350,000-square-foot headquarters building and 7,000-square-foot boiler building. After the demolition phase is completed, the project sites will be converted into landscaped parks.

Technical Excellence Practical Experience Client Responsiveness



## CAMPBELL SOUP COMPANY CORPORATE HQ DEMOLITION

Location: Camden, NJ  
Client: Campbell Soup Company, New Jersey Economic Development Authority  
Services: Demolition, Site/Civil, Geotechnical, Environmental, Natural Resources & Permitting

### OVERVIEW

Langan was a part of the team joined to revitalize the abandoned, asbestos-filled Campbell Soup Factory. Langan was charged with the evaluation and remediation design of the contamination, the preparation of construction documents for the demolition of over 600,000 square feet using implosion methods, and the design of infrastructure improvements. Of the 150,000 tons of demolition rubble, all except 800 tons were reused at the site, resulting in a \$3,000,000 cost savings. Today, a ballpark, amphitheater, office buildings and aquarium occupy this site.

Technical Excellence Practical Experience Client Responsiveness



## CIVIC ARENA DEMOLITION

Location: Pittsburgh, PA  
Client: Sports and Exhibition Authority of Pittsburgh and Allegheny County  
Services: Demolition, Site/Civil, Traditional Surveying

### OVERVIEW

Langan, an expert on demolition operations, was hired to prepare documents and provide bidding assistance and oversight services for the planned demolition of the Civic Arena (formerly the Civic Auditorium and Mellon Arena), as part of a public bid solicitation process. The 130,000-square-foot, 17,000-seat arena, built in 1961 and nicknamed 'The Igloo,' was the former home of the Pittsburgh Penguins NHL hockey team and has a unique retractable roof.

Technical Excellence Practical Experience Client Responsiveness



## COLGATE-PALMOLIVE PLANT DEMOLITION

Location: Mexico City, Mexico  
Client: Colgate-Palmolive  
Services: Demolition, Site/Civil

### OVERVIEW

The Colgate-Palmolive Plant site encompasses approximately 6.5 hectares and contains 18 interconnected buildings, varying from one to six stories in height and totaling 1,325,000 square feet. The site also includes tank farms, silos, a wastewater plant, a 30-meter smokestack, an elevated water tank, and an abandoned rail line. Langan provided site observation and recommendations to improve the demolition efficiency and operations, specifically during the building and smokestack demolition.

Technical Excellence Practical Experience Client Responsiveness



## GIANTS STADIUM DEMOLITION

Location: East Rutherford, NJ  
Client: New Meadowlands Stadium Company, LLC  
Services: Demolition, Site/Civil, Environmental, Geotechnical

### OVERVIEW

This project involved the demolition of the existing Giants Stadium, which was an 80,242-seat open-air stadium originally constructed in 1976. The project was challenged by poor subsurface conditions, numerous existing site utilities within the existing stadium footprint, presence of asbestos and hazardous materials within the stadium, proximity to the recently constructed MetLife Stadium, and the need to demolish the existing stadium while operating the new stadium and utility infrastructure that serves the Meadowlands Sports Complex.

Technical Excellence   Practical Experience   Client Responsiveness



## CLOROX PLANT DEMOLITION

Location: Paulsboro, NJ  
Client: Clorox Services Company  
Services: Demolition, Site/Civil, Environmental

### OVERVIEW

The Clorox Paulsboro Plant is located on a 10-acre site currently occupied by a one-story, 89,500-SF warehouse building and the concrete building floor slab of a previously demolished building. The site also consists of a water tower, tank farm, and other small ancillary structures. Langan provided comprehensive demolition and asbestos/hazmat consulting services, environmental engineering and surveying services for this project. The project presented challenges because of its proximity to the Mantua Creek, on-going environmental remediation and the expedited demolition schedule.

Technical Excellence Practical Experience Client Responsiveness



## GOLDWATER HOSPITAL DEMOLITION

Location: Roosevelt Island, NY  
Client: Cornell Tech  
Services: Demolition, Site/Civil

### OVERVIEW

The project consisted of the demolition of Goldwater Hospital, which is located near the southern end of Roosevelt Island, south of the Queensboro Bridge and north of Four Freedoms Park. The 12.5-acre site includes seven main buildings with interconnected corridors (215,000 SF), asphalt parking lots, and open space areas. Langan provided demolition engineering and regulatory permitting services, demolition documents consisting of drawings and specifications, and assisted the owner and contractor in preparation of the Stormwater Pollution Prevention Plan for the demolition work. One significant project challenge included coordinating only one single point of access to Roosevelt Island, which created difficulty for the removal of demolition debris and other materials from the site.

Technical Excellence Practical Experience Client Responsiveness



## CURRIES WOODS DEMOLITION

Location: Jersey City, NJ  
Client: Jersey City Housing Authority  
Services: Demolition, Earthquake/Seismic

### OVERVIEW

Langan assisted the Jersey City Housing Authority in the redevelopment of its Curries Woods Housing Project. Langan's responsibilities included assessing alternative methods of demolition and cost benefits of each, developing technical specifications and contract drawings for demolition, preparing cost estimates, reviewing contractor bids, environmental compliance with regard to underground storage tank removals and reporting and providing inspection throughout the demolition operations. Langan also developed seismographic vibration monitoring criteria and specifications to monitor and limit the effects of demolition on a 12-foot-diameter tunnel located beneath the buildings.

Technical Excellence Practical Experience Client Responsiveness



## JOHN A. DELANEY HOMES DEMOLITION

Location: Perth Amboy, NJ  
Client: Perth Amboy Housing Authority  
Services: Demolition

### OVERVIEW

Langan provided the Perth Amboy Housing Authority comprehensive engineering and environmental consulting services for the demolition of 20 two-story apartment buildings. Langan's responsibilities included investigation for asbestos, lead-based paint and universal waste inspection; developing technical specifications and contract drawings for demolition; preparing cost estimates, reviewing contractor bids and providing inspection throughout the abatement; and demolition of the two-story buildings. Langan was also instrumental in obtaining local and state approvals associated with the demolition, which included Planning Board approval and obtaining the Freehold Soil Conservation District - Soil Erosion and Sediment Control Permit.

Technical Excellence Practical Experience Client Responsiveness



## SEARS DISTRIBUTION CENTER DEMOLITION

Location: Philadelphia, PA  
Client: The Rubin Organization, Inc.  
Services: Demolition

### OVERVIEW

Located in North Philadelphia, the massive Sears Distribution Catalog Center was scheduled to be demolished as part of a large-scale redevelopment project. Langan was retained to identify and assess asbestos containing materials (ACM) and lead-based paint (LBP) within the 3.4-million-SF facility. Langan designed and prepared abatement documents for the facility as well as performed monitoring of asbestos abatement activities.

Technical Excellence Practical Experience Client Responsiveness



## JOHN E. SOFIELD APARTMENTS DEMOLITION

Location: Perth Amboy, NJ  
Client: Perth Amboy Housing Authority  
Services: Demolition

### OVERVIEW

Langan provided complete engineering and environmental consulting services for the demolition of an 8-story apartment building. Work included: investigation for asbestos, lead-based paint and an 8,000-gallon underground storage tank (UST); preparation of specifications and contract documents for demolition, asbestos abatement (Subchapter 8) and UST removal; bidding coordination and assistance; construction oversight for UST removal; full-time monitoring of abatement activities; demolition and backfill inspection; and preparation of final UST closure and asbestos abatement reports.

Technical Excellence Practical Experience Client Responsiveness



## 19TH CENTURY SCOVILL BRASS FACTORY

Location: Waterbury, CT  
Client: Brass Center Ltd.  
Services: Environmental, Geotechnical

### OVERVIEW

The long-defunct brass manufacturing center, once 90+ decaying buildings on a 100-acre downtown site, was prepared for a rebirth. Langan's value engineering and effective construction management saved the client over \$9.5 million.

Technical Excellence Practical Experience Client Responsiveness

LANGAN DEMOLITION

---

Technical Excellence Practical Experience Client Responsiveness

---