

Site clean-up transforms 1.2 m sq ft St. Elizabeths Campus Washington D.C.



**Client: U.S. GSA; U.S. Coast Guard;
Mabbett & Associates, Inc.**

Project size: 176 acres

Project Value: \$435m construction

Date: 2010 - ongoing

WSP Contact

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Overview

We have been a key partner in the award winning project team responsible for transforming part of the historic former St. Elizabeths Campus into the new U.S. Coast Guard Headquarters in Washington D.C. This \$435 construction project is one of the region's largest and most complex excavation and redevelopment projects.

Our client's challenge

Commissioned by the U.S. General Services Administration, WSP is working with Mabbett & Associates, Inc.; U.S. Coast Guard; Tishman/AECOM JV; and Clark Construction.

This historic brownfield site suffered from historical ash-fill and contaminated soil. This required the environmental issues to be addressed in addition to construction workers health and safety concerns.

Our approach/services

Environmental pre-characterization provided the development team with the necessary information and

tools to properly handle and dispose of impacted materials. The data also identified unique health & safety challenges which we addressed through site-specific training for construction activities. We employed the latest technology to provide real-time data which avoided construction delays and assisted with soil and ash segregation.

Outcome

WSP oversaw the removal of more than 1m tons of soil, including 600,000 tons of ash and contaminated soil in less than 10 months.

During the process our work was inspected by 4 different regulatory agencies, with good results each time. The project team also won the James D.P. Farrell Brownfield Project of the Year Award 2011 from the Environmental Business Council of New England.

We are now assessing materials encountered in the next phase of construction and delivering hazardous awareness training to the construction team and their sub-contractors.