



**THE AULSON COMPANY, LLC**  
SPECIALTY CONTRACTORS  
**978.688.9100**

## **PCB ABATEMENT**

### **Abrasive Blasting and PCB Removal at Massport Hangar #9 Upgrades, Logan International Airport, Boston, MA**

**Description:** Aulson performed removal of PCB containing paint from the interior CMU walls and concrete ceilings to remain, via abrasive blasting. Scaffolding was erected around the abatement areas and then wrapped to create a fully sealed and enclosed containment; utilizing flexible containment materials for the media blasting. Containment enclosures were erected to protect sensitive FAA equipment within the blast areas that could not be shut down or relocated. The containments were kept under pressure during media blasting, utilizing a 45,000 CFM dust collector. Under an EPA approved workplan, Aulson media blasted all surfaces to remove the PCB containing materials. All blast media and debris were containerized in dumpsters and label for disposal as a TSCA waste. All equipment was decontaminated; equipment that could not be decontaminated was containerized for disposal. Additionally, Aulson used an epoxy to encapsulate caulk joints and the surrounding areas that were to remain.

**Owner:** The Massachusetts Port Authority

**Contract Value:** Over \$100K

**Completion Date:** Winter 2013

### **Historic Masonry Cleaning & PCB Remediation at Wachusett Dam MWRA, Downstream Face Cleaning and PCB Remediation Clinton, MA**

**Description:** Aulson performed cleaning and remediation work on the down-stream face of the Dam that spans 1,000 ft across and over 200 ft tall at its highest point. Throughout the cleaning process all wash water was required to be collected and treated prior to disposal. Particulate matter was removed from all wash water through the use of particulate filters and water flocculation. Modified access structures and containment enclosures were designed, fabricated and installed specifically for use on the sloped dam face. The cleaning of the Dam face additionally required the removal of all efflorescence, calcification and biological staining, to ultimately restore the Dam's true beauty in form and function. The Wachusett Dam is listed on the National Register of Historic Places, constructed between 1897 to 1905 and officially put in service between 1906 to 1908. It is part of greater Boston's water system, maintained by the Massachusetts Water Resources Authority (MWRA). Constructed of granite blocks containing more than 100 ft thick at its foundation, in 1905 it was the largest public water supply reservoir and largest gravity dam in the world.

**Owner:** Massachusetts Water Resource Authority Charlestown Navy Yard Boston, MA

**Contract Value:** \$500K

**Completion Date:** Winter 2009

