

# Monsanto Chemical Company

MCP COMPLIANCE PROJECT

**Site Location:** Everett, Massachusetts  
**Client:** Solutia, Inc.  
**Date:** 1995 – present

Dating back to the mid-1800s, and formerly one of the nation's largest chemical manufacturing plants, Monsanto's Everett plant once produced sulfuric acid, plasticizer, and polyvinyl butyral (PVB), which is used to make laminated safety glass. As was typical of early chemical manufacturing facilities, the Everett plant had experienced spills and releases of oil and hazardous materials into the ground.

With less than half of its 80 acre site still active, Monsanto decided in 1992 to close the Everett plant. To comply with Massachusetts and federal environmental regulations, the company initiated a voluntary cleanup of the property.

Monsanto chose O'Reilly, Talbot & Okun Associates, Inc. (OTO) as its Licensed Site Professional firm to monitor the remediation contractors' compliance with the Massachusetts Contingency Plan. Because the site was unusually large and the chemical contaminants were so diverse, OTO recommended a site-specific Method 3 risk assessment approach to prioritize progressive remedial actions.

The carefully planned cleanup targeted first the areas that posed the greatest levels of risk. The process continued until the property could be reused safely. The successful multi-million dollar cleanup effort, which included the implementation of institutional controls, enabled the development of a new regional shopping center on the site. Today, OTO continues to monitor and verify the effectiveness of the technologies that were used to remediate this site.

"Jim [Okun] provided critical guidance and direction on development and implementation of site investigation and remediation projects. As a result, the requirements of the Massachusetts Contingency Plan were satisfied in a timely and cost-effective manner."

**-Jerry Rinaldi, Environmental Manager**  
**Solutia, Inc.**