

Former Hampden Color and Chemical Company

BROWNFIELDS PROJECT

Site Location: Springfield, Massachusetts
Client: Astro Chemicals, LLC
Date: 2005 – 2007

Hampden Color and Chemical Company (HCC) was a hazardous waste Treatment, Storage, and Disposal Facility from 1968 until 1998. After the company closed and abandoned the property, the City of Springfield took possession of it through a tax title auction in April 2001.

Two large releases of trichloroethane occurred at the properties in the 1980s, which impacted site soils and on-site and off-site groundwater. Although remedial actions had been conducted following the releases, the site was still heavily contaminated over a decade later. In 2005, the City of Springfield received an United States Environmental Protection Agency (U. S. EPA) grant to fund cleanup efforts and redevelop the site. Astro Logistics, LLC, the City's preferred developer for the HCC facility, hired O'Reilly, Talbot & Okun Associates, Inc. (OTO) to design a Release Abatement Measure Plan. OTO provided Professional Engineering (PE), Licensed Site Professional, and Industrial Hygiene services as part of a complex remediation effort. OTO oversaw the dismantling, decontamination, and proper disposal of machinery and hazardous wastes that had been used in the facility, and provided PE certification for proper closure of the facility in accordance with Massachusetts Department of Environmental Protection (MassDEP) hazardous waste regulations. When a release of toluene was discovered during the removal of an underground storage tank in 2005, OTO also managed a bio-remediation process to abate the contamination in the soil.

By 2007, the site had reached a Condition of No Significant Risk, and a Class A-2 Response Action Outcome was achieved. OTO's expertise was invaluable in closing out this site. As a result of OTO offering a wide range of professional services, we were able to guide this complex site through to completion within a two year period of time.