



HALEY WARD
ENGINEERING | ENVIRONMENTAL | SURVEYING

Brownfield Redevelopment

Haley Ward founded in 1978 as a civil engineering firm, has over the past 40 years, grown into a professional, multi-disciplinary consulting company that provides services from project conception to final construction. Approximately 70 highly qualified personnel including Engineers, Land Surveyors, Geologists, Environmental Scientists, Foresters, GIS Analysts and Computer-Aided Design and Drafting (CADD) Technicians make up the professional diversity within our company, allowing Haley Ward to tackle a variety of projects. Through the integration of these technical skills and expertise, Haley Ward provides sensible solutions to government, industrial, commercial, and nonprofit clients throughout New England and Florida from our headquarters in Bangor to our branch offices located in Lewiston, Machias, Presque Isle, Waterville, Saco, Fort Myers, FL and Maynard, MA.

We are proud to have completed Brownfield projects in our local area that have resulted in successful redevelopment of sites which now enrich the communities in which they are located. These projects have brought jobs and new opportunities to local municipalities that have leveraged Brownfield environmental assessment funds into real growth and have resulted in "Development Ready" properties in prime locations that formerly contained deteriorating infrastructure and/or public hazards.

We understand that the resurgence of any region depends partly on a welcoming environment for visitors which can be achieved through the enhancement of the downtown area by cleaning up blighted buildings. With offices throughout the state of Maine as well as Maynard, MA and Fort Myers, FL, the professionals at Haley Ward will be able to provide needed services in a timely, effective manner during the entire course of any Brownfields cleanup and beyond.

Haley Ward is familiar with State laws, policies, guidelines and administrative rules, including the Maine Department of Environmental Protection's (MDEP) Remedial Action Guidelines (RAGs) for Sites Contaminated with Hazardous Substances. Haley Ward has conducted project work on several sites with differing risk-based soil, indoor air and groundwater exposure scenarios, including potential residential, park user, commercial worker and construction worker exposure and fully understands the applicable RAGs for each pathway and scenario. For sites with concerns relating to drinking water, Haley Ward frequently uses the Center for Disease Control's Maximum Exposure Guidelines (MEGs) for Drinking Water.

Our knowledge of federal and state regulations and the ability to appropriately apply this knowledge has resulted in projects routinely being completed ahead of schedule and under budget. Our experience with



federal projects in both the Brownfields and Superfund Programs have resulted in our strong knowledge of federal laws, policies, guidelines and administrative rules. Our strong background in hazardous materials investigations and management has given us familiarity with Regional Screening Levels (RSLs) and Toxic Substance Control Act (TSCA) regulations, particularly their application to PCB-impacted soils. Haley Ward also frequently uses National Primary and Secondary Drinking Water Standards, including Maximum Contaminant Levels (MCLs).

As a firm believer in reducing environmental impacts and promoting natural resource conservation, Haley Ward strives to provide solutions to engineering and environmental problems by using the most green and sustainable options and practices available for all projects. This policy is directly in-line with EPA's Green and Sustainable Remediation Guidance.

Our designs are informed by our technical expertise and the rigor we use in satisfying architectural needs and programs. Our business practices require us to be forthright, honest and clear in the project scopes we develop. The power of good architecture lies in its ability to make the world a better place when it is put in the service of clients and communities. This belief sustains our architectural services and informs our art and goals as well as our ultimate purpose as locally based, globally thinking architectural designers.

We provide a task-by-task approach to work that is designed to be used to effectively assist our clients. Examples of these tasks include:

- Cooperative Agreement Oversight;
- Community Outreach and Engagement;
- Conducting and Overseeing Cleanup Efforts;
- Reporting on Cleanup Efforts; and
- Providing Deliverable Products.

Haley Ward is pleased to offer a variety of deliverable products to our Brownfields clients. Examples of the deliverables that we can provide are:

- Outreach Material (poster, handouts, flyers, online content);
- Quarterly Reports;
- Analysis of Brownfields Cleanup Alternatives;
- Community Relations Plan;
- Engineering Plans, Project Manual, Specifications;
- Bid Documents;
- VRAP Applications;
- Final Remedial Action Report; and
- Reuse Plan.

