

Atlas Tack

Fall 2007

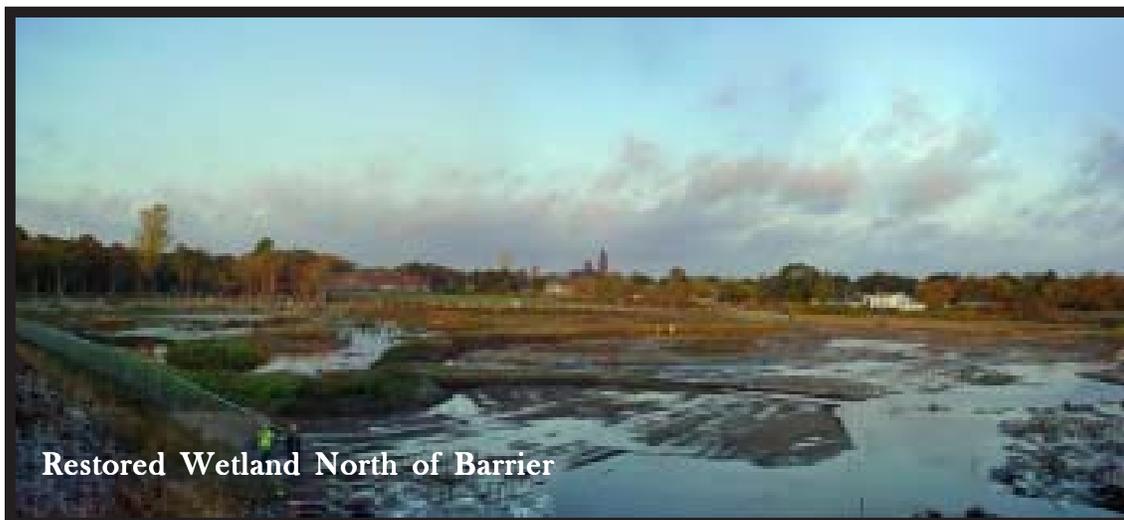


Atlas Tack Corporation Superfund Site Activity Update Cleanup Complete!

After slightly more than two years of cleanup activity, the approximately \$21 million cleanup is now complete. About 108,129 tons of contaminated material was removed. Nearly 7,000 truck trips were made through the neighborhood during the cleanup. The upland portion of the site was backfilled and seeded and the wetlands were restored to pre-industrial conditions with additional fresh water wetland enhancements. The site now meets commercial/industrial cleanup standards and remains private property. Different types of future land use would require further risk assessment by the owner or developer and approval and supervision by EPA. Any zoning changes required for a different use are under Town authority.

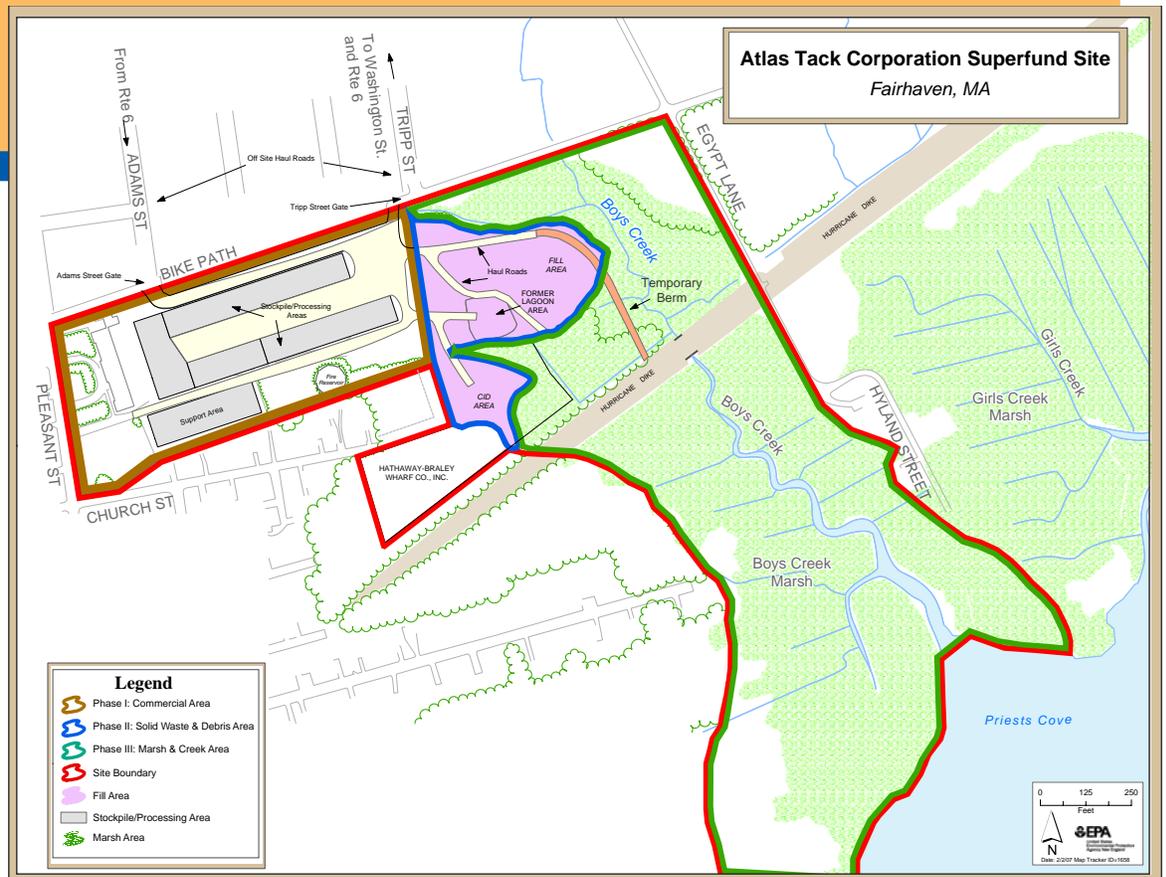


Although the cleanup has been completed, there will be monitoring and maintenance activities and the placement of use restrictions on the site to ensure that the cleanup remains effective. Plantings will be monitored and maintained by EPA for 1 year and then by MassDEP. Groundwater monitoring will occur for eleven years by EPA and then by MassDEP until the ecologically-based cleanup goals are attained.



Additionally, MassDEP is currently working with the Atlas Tack Corporation to address an existing 100,000 gallon # 6 petroleum fuel oil underground storage tank which is not part of the Superfund cleanup.

The demonstrated spirit of cooperation and understanding shown by the Town and surrounding community was key to this successful cleanup.



Cleanup Accomplishments

Phase I: Commercial Area

The demolition of the three-story manufacturing building, power plant, smoke stack, and building floor slabs comprised Phase I. It also included excavation and off-site disposal of 5,480 cubic yards of contaminated soil and 775 cubic yards of plating sludge from this 10 acre Commercial Area. Hazardous materials within and around the buildings were removed prior to demolition. The demolition and excavation started in June 2005 and was completed in March 2006.

After the demolition, excavation and off-site disposal of materials, the Commercial Area was backfilled with clean fill and graded for use as a stockpile and staging area to support Phase II and III activities. The area has since been graded, top-soiled, and hydro-seeded to ensure proper drainage.

Phase II: Solid Waste & Debris Area

The excavation of an estimated 36,660 cubic yards of contaminated soil, sludge, and debris from the Solid Waste and Debris Area started in March 2006 and was completed in March 2007. This location includes: the Fill Area, the Former Lagoon Area on the Atlas Tack Corporation property and the Commercial and Industrial Debris Area (CID), located on property owned by Hathaway-Braleley Wharf Company.

Phase III - Boys Creek Marsh and Boys Creek

Phase III, initiated in January 2007 and completed in September 2007, included the excavation and disposal of 36,430 cubic yards of contaminated marsh soil and creek bed sediment, reconstruction of the marsh and creek, and restoration of the entire site. The wetlands were restored to pre-industrial conditions and include the recreation of a fresh and salt water wetland environment. The excavated and restored areas have been replanted with a variety of native species and a detailed monitoring and maintenance plan is being used for the marsh and creek.

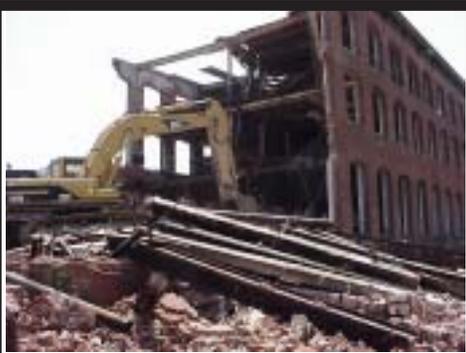
Air monitoring was conducted throughout the cleanup and results never exceeded the site's action levels.



Former Three-Story Building



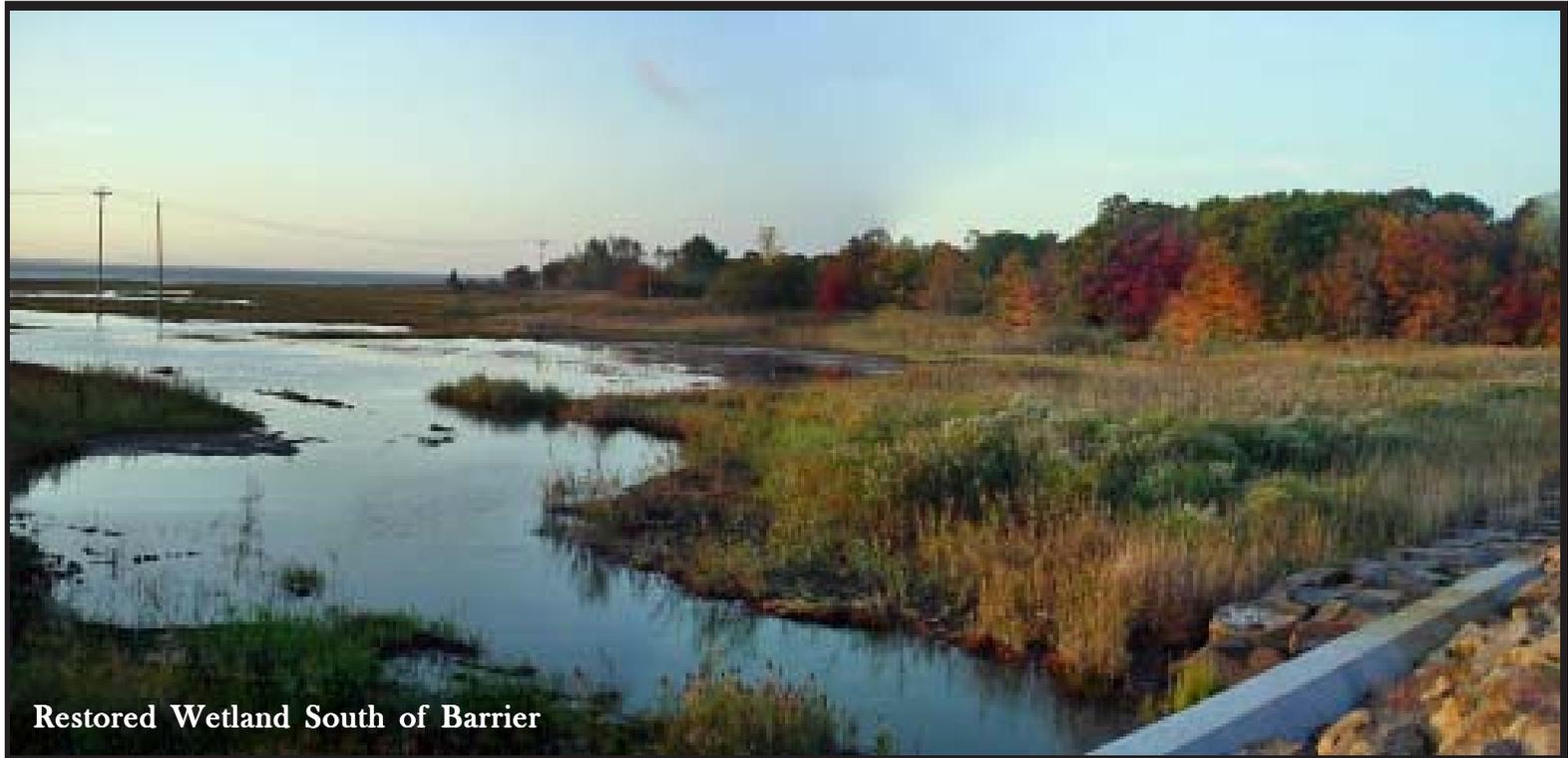
Boys Creek Marsh Prior Cleanup



Cleaned & Seeded Commercial Area



Cleaned Boys Creek Marsh & Creek



Restored Wetland South of Barrier

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www.epa.gov/region1/superfund/sites/atlas

Site History

The Atlas Tack facility was built in 1901 in Fairhaven, MA by Henry Huttleston Rogers and historically manufactured wire tacks, steel nails, rivets, bolts, shoe eyelets and similar items. The facility operated electroplating, acid-washing, enameling, and paint processes until 1985. Process wastes were disposed of on the ground and in adjacent wetlands and discharged into an on-site lagoon. High levels of heavy metals, cyanide, PCBs, volatile organic compounds, pesticides, and other contaminants impacted area groundwater and surface waters, in addition to the site soil, sediment and portions of the former buildings. The site is located in a residential area, 200 feet from an elementary school, and around 7,200 people live within one mile and about 15,000 live within three miles.

- 1985 MassDEP completes an emergency action to cleanup lagoon.
- 1990 EPA adds site to Superfund's National Priorities List (hazardous waste sites).
- '90-'95 EPA conducts Remedial Investigation, a study to determine nature & extent of contamination & risks to human health & environment.
- 1992 EPA orders Atlas Tack Corporation to fence site.
- '96-'98 EPA conducts Feasibility Study to determine cleanup options.
- 1998 EPA issues Proposed Cleanup Plan.
- '99-'00 Atlas Tack fails to comply with Administrative Order after which EPA removes asbestos from site buildings.
- 2000 EPA issues Record of Decision (cleanup plan) & a special notice of responsibility & potential liability to Atlas Tack Corporation.
- '01-'03 EPA conducts a bioavailability study to refine marsh excavation & restoration plans.
- '02-'04 EPA conducts Remedial Design for each cleanup phase.
- 2004 EPA reaches settlement with Hathaway-Braley Wharf Company
- 2005 EPA begins Phase I (Commercial Area) of cleanup.
- 2006 EPA reaches settlement with Atlas Tack Corp. and M. Leonard Lewis.
 EPA completes Phase I of cleanup and begins Phase II (Solid Waste & Debris Area).
- 2007 EPA completes Phase II; begins and completes Phase III (Boys Creek Marsh); Site cleanup completed.