

**REMOVAL PROGRAM
PRELIMINARY ASSESSMENT/
SITE INVESTIGATION REPORT
FOR THE
ATLAS TACK SITE
FAIRHAVEN, BRISTOL COUNTY, MASSACHUSETTS
10 DECEMBER 2025**

Prepared For:

U.S. Environmental Protection Agency
Region I
Superfund and Emergency Management Division
5 Post Office Square, Suite 100
Boston, Massachusetts 02109-3912

CONTRACT NO. 68HE0325D0004

TASK ORDER NO. 68HE0125F0014

TO/AD NO.: TOFP-01-25-10-0004

TASK NO.: 0064

DC NO.: R-60192

Submitted By:

Weston Solutions, Inc.
Region I
Superfund Technical Assessment and Response Team
101 Billerica Avenue, Building 5, Suite 103
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March 2026

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I. Preliminary Assessment/Site Investigation Forms



EPA REGION I
REMOVAL PRELIMINARY ASSESSMENT

Site Name and Location

Name: Atlas Tack Site Location: 81 Pleasant Street
Town: Fairhaven County: Bristol State: Massachusetts (MA)

Site Status: (X) NPL () NON-NPL () RCRA () TSCA
() ACTIVE () ABANDONED (X) OTHER - INACTIVE

(X) Attached USGS Map of Location (X) Site I.D. No.: 01C4

Latitude: 41° 38' 04.80" North Longitude: 70° 53' 51.63" West

Referral

() Citizen (X) City/Town () State () Pre-remedial () RCRA
() Other:

Name of referring party: Town of Fairhaven Massachusetts
Address: 40 Center Street, Fairhaven, MA 02719 Telephone: (508) 979-4107

Contacts Identified

- 1) Town Administrator, Keith R. Hickey Telephone: (508) 979-4107
- 2)
- 3)

Source of Information

() Verbal:
(X) Report: Request for EPA Assistance with Contaminated Property in Fairhaven, from Keith R. Hickey Fairhaven Town Administrator. 1 October 2025

Fourth Five-Year Review Report for Atlas Tack Corp Superfund Site Bristol County, MA. EPA Region 1. 21 July 2025.

() Other:

Site Access

Authorizing Person: Atlas Tack Corporation
Date: 23 September 2004 (X) Obtained () Verbal
Telephone: () Not Obtained (X) Written

REMOVAL PRELIMINARY ASSESSMENT

Historical Preservation

() Site is Historically Significant or Eligible for Historic Preservation

Contacts Identified

1) State Historical Preservation Officer (SHPO)

Name: Brona Simon

Telephone: (617) 727-8470

2) Tribal Historical Preservation Officer (THPO)

Name: Jeffery C. Bendremer

Telephone: (413) 884-6029

Comments:

Physical Site Characterization

Background Information: The Atlas Tack Site (the Site) is an EPA Superfund Site located at 81 Pleasant Street in Fairhaven, Bristol County, Massachusetts (MA), approximately one-half mile from Fairhaven Center. The Site's CERCLIS identification number is MAD001026319. The entire Site is approximately 48 acres across multiple properties in a predominantly residential area. The Site is bounded by a bicycle path, residences, and a few commercial/light industrial businesses to the north; a tidal marsh to the east and south; a former elementary school about 200 feet to the northwest; and residences immediately to the south.

From 1901 to 1985, the Atlas Tack Corporation produced various items such as tacks, nails, shoe eyelets, rivets, bolts, and similar small metal items at the Site. Work done in the facility included electroplating, acid-washing, annealing, enameling, and painting. Many types of industrial waste products were produced from these operations such as acids, bases, cyanide, metals (zinc, copper chromium, cadmium, nickel, and lead), polychlorinated biphenyls (PCBs), polycyclic aromatic hydrocarbons (PAHs), and volatile organic compounds (VOCs). From the 1940s until the late 1970s or 1980s, solid and liquid wastes from these operations were disposed of at the Site. These waste products infiltrated into the soil, eventually into the groundwater, and eventually into the local Boys Creek wetland and Buzzards Bay.

In 1985, the Massachusetts Department of Environmental Protection (MassDEP) completed an emergency action to clean up the surrounding wetlands. In 1990, the Site was placed on the National Priorities List (NPL) under the Comprehensive Environmental Response, Compensation & Liability Act (CERCLA). Starting in 2005, EPA conducted a three-phase remedial action at the Site and surrounding ecosystems. Phase I (June 2005) focused on the commercial area and consisted of the demolition of the three-story manufacturing building, its plating lines, the power plant building, and tearing up the concrete foundation beneath these buildings. Phase II (November 2006) consisted of excavating the contaminated soil under these former foundations and backfilling it with clean material. Phase III (May 2007-September 2007) consisted of the restoration of Boys Creek and the connecting salt marsh habitats. Contaminated creek sediment and marsh substrate were excavated and disposed of. Careful action was taken to restore the

REMOVAL PRELIMINARY ASSESSMENT

original elevation grades of the marsh landscape due to lost material, to preserve the functional role of the marsh in its coastal environment.

Throughout this multi-phase process, contractor Axiom Environmental Partners (Axiom) confirmed the presence of asbestos-containing material (ACM) in the former commercial building, specifically in the window caulking, roofing materials, and insulation in the boiler section. Abatement (removal) of ACM from the commercial building was completed prior to demolition. In April 2009, a final Operations & Maintenance Plan (OMP) was implemented to establish short-term and long-term monitoring goals for groundwater, surface water, and sediment.

A dilapidated two-story brick building currently remains on the western portion of the Atlas Tack property. As of January 2025, the majority of the roof had collapsed into the building. A small metal shed is located along the southern boundary of the Commercial Area.

Throughout summer 2025, several municipal entities sent letters to the owner of Atlas Tack Corporation expressing increasing community concern regarding the environmental and public health risks associated with the remnants of the facility, along with mandated corrective measures the owners were expected to follow. These concerns included the possibility of ACM debris including roofing and building materials being dispersed in and around the deteriorating building. On 1 October 2025, the Town of Fairhaven requested EPA assistance in addressing ACM concerns.

Description of Substances Possibly Present, Known or Alleged:

Contaminants of concern include ACM.

Existing Analytical Data

() Real-Time Monitoring Data:

(X) Sampling Data:

US EPA – Interim Remedial Action Report For Phase 1 Commercial Area Remediation, September 2006

Potential Threat

Description of potential hazards to environment and/or population-identify any of the criteria for a Removal Action (from NCP) that may be met by the site under 40 CFR 300.415 [b] [2].

- i. Actual or potential exposure to nearby human populations, animals, or the food chain from hazardous substances, pollutants or contaminants.
- ii. Actual or potential contamination of drinking water supplies or sensitive ecosystems.
- iii. Hazardous substances or pollutants or contaminants in drums, barrels, tanks, or other bulk storage containers, that may pose a threat of release.

REMOVAL PRELIMINARY ASSESSMENT

- iv. High levels of hazardous substances or pollutants or contaminants in soils largely at or near the surface, that may migrate.
- v. Weather conditions that may cause hazardous substances or pollutants or contaminants to migrate or be released.
- vi. Threat of fire or explosion.
- vii. The availability of other appropriate federal or state response mechanisms to respond to the release.
- viii. Other situations or factors that may pose threats to public health or welfare or the environment.

Prior Response Activities

PRP STATE FEDERAL OTHER

Brief Description:

In 1985, MassDEP completed an emergency action to clean up the surrounding wetlands. In 1990, the Site was placed on NPL under CERCLA. From 2005 to 2007, EPA conducted a three-phase remedial action at the Site and surrounding ecosystems, during which contractor Axiom confirmed the presence of ACM in the former commercial building, specifically in window caulking, roofing materials, and boiler section insulation. Abatement (removal) of ACMs from the commercial building was completed prior to demolition. In April 2009, a final OMP was implemented to establish short-term and long-term monitoring goals for groundwater, surface water, and sediment.

Priority for Site Investigation

High Medium Low None

Comments:

Report Generation

Originator: John Burton	Date: 9 January 2026
Affiliation: Weston Solutions, Inc. (START)	Telephone: (978) 621-1214
Contract No.: 68HE0325D0004	Contract Name: START VI
Task Order No.: 68HE0125F0014	
AD No.: TOFP-01-25-10-004	Task No.: 0064

REMOVAL SITE INVESTIGATION

- (X) Asbestos:** Suspected asbestos-containing material (ACM) including roofing and building materials is dispersed in and around the deteriorated building.
- (X) Piles:** Following the collapse of the roof, a large debris pile inside of the building and smaller debris piles around the outskirts of the building remain on site.
- () Stained Soil:**
- () Sheens:**
- () Stressed Vegetation:**
- () Landfill:**
- (X) Population in Vicinity:** Residential properties are located to the north and south of the Site.
- () Wells:** **() Drinking:**
- () Monitoring:**
- () Other:**

Physical Site Observations

Comments: A dilapidated two-story brick building currently remains on the western portion of the Site. As of January 2025, the majority of the roof had collapsed into the building, and roofing material has fallen around the outskirts of the building over time. A small metal shed is located along the southern boundary of the Commercial Area. There is a locked, tall, barbed wire gate around the building that appeared intact, but local fire and police have reported trespassing which has raised concerns about potential site security breaches.

Field Sampling and Analysis

Matrix	Field Instrumentation Readings				Other
	CGI/O₂ (%)	RAD (μR/hr)	PID (ppm)	FID (ppm)	
Background:	0.0/20.9	10-12	0	--	
Air:	0.0/20.9	10-12	0	--	
Soil:					
Surface Water:					
Tanks:					
Drums:					
Vats:					
Lagoons:					
Spillage:					
Run Off:					
Piles:					
Sediments:					
Groundwater:					
Other:					

REMOVAL SITE INVESTIGATION

CGI/O2 (%) = Combustible Gas Indicator/Oxygen (percentage)
PID = Photoionization Detector (parts per million)
-- = No Field Instrument Readings collected

RAD (μR/hr) = Radiation (microRoentgens per hour)
FID (ppm) = Flame Ionization Detector (parts per million)

Field Quality Control Procedures

SOP Followed

Deviation from SOP

Comments:

Sampling was conducted according to the site Sampling and Analysis Plan (SAP), prepared as a separate document entitled *Sampling and Analysis Plan for the Atlas Tack Site, Fairhaven, Bristol County, Massachusetts*, dated December 2025.

Description of Sampling Conducted

On 10 December 2025, START personnel collected a total of 19 suspected ACM samples, including one field duplicate. The materials collected included window caulking, shingles, and mastic. Samples were collected from around the dilapidated structure. All samples were submitted to the EPA New England Regional Laboratory (NERL) for asbestos analyses.

Analyses

Analytical Parameter	Media	Laboratory
<input type="checkbox"/> VOC	<input type="checkbox"/> AIR	<input checked="" type="checkbox"/> NERL
<input type="checkbox"/> PCB	<input type="checkbox"/> WATER	<input type="checkbox"/> CLP
<input type="checkbox"/> PESTICIDE	<input type="checkbox"/> SOIL	<input type="checkbox"/> PRIVATE
<input type="checkbox"/> METALS	<input type="checkbox"/> SOURCE	<input type="checkbox"/> DAS
<input type="checkbox"/> CYANIDE	<input type="checkbox"/> SEDIMENT	<input type="checkbox"/> SOW
<input type="checkbox"/> SVOC	<input type="checkbox"/> SOIL GAS	<input type="checkbox"/> FIELD
<input type="checkbox"/> TOXICITY	<input checked="" type="checkbox"/> OTHER (DEBRIS)	
<input type="checkbox"/> DIOXIN		
<input checked="" type="checkbox"/> ASBESTOS		
<input type="checkbox"/> OTHER: pH		

Receptors

Comments

- Drinking Water:** **Private:**
 Municipal:
- Groundwater:**
- Unrestricted Access:**
- Population in Proximity:**
- Sensitive Ecosystem:**
- Other:**

Local Fire and Police Departments have reported trespassing on the property despite the security fencing surrounding the Site.

The Site is located in a residential area.

REMOVAL SITE INVESTIGATION

Additional Procedures for Site Determination

Biological Evaluation

ATSDR

None

To be determined by the On-Scene Coordinator (OSC).

Site Determination

Depending on further information, criteria that may be met by the site include 40 CFR 300.415 [b] [2], parts:

- i. Actual or potential exposure to nearby human populations, animals, or the food chain from hazardous substances, pollutants or contaminants.
- ii. Actual or potential contamination of drinking water supplies or sensitive ecosystems.
- iii. Hazardous substances or pollutants or contaminants in drums, barrels, tanks, or other bulk storage containers, that may pose a threat of release.
- iv. High levels of hazardous substances or pollutants or contaminants in soils largely at or near the surface, that may migrate.
- v. Weather conditions that may cause hazardous substances or pollutants or contaminants to migrate or be released.
- vi. Threat of fire or explosion.
- vii. The availability of other appropriate federal or state response mechanisms to respond to the release.
- viii. Other situations or factors that may pose threats to public health or welfare or the environment.

Report Generation

Originator: John Burton	Date: 2 February 2026
Affiliation: Weston Solutions, Inc. (START)	Telephone: (978) 621-1214
Contract No. 68HE0325D0004	Contract Name: START VI
Task Order No. 68HE01252F0014	
AD No.: TOFP-01-25-10-0004	Task No.: 0064

II. Narrative Chronology

Narrative Chronology

Introduction

The Atlas Tack Site (the Site) is a Superfund Site located at 81 Pleasant Street in Fairhaven, Bristol County, Massachusetts (MA), approximately one-half mile from Fairhaven Center (see Appendix A, Figure 1) [1]. The geographic coordinates from the approximate center of the Site are 41° 38' 04.64" north latitude and 70° 53' 51.49" west longitude. The Site CERCLIS identification number is MAD001026319. The Atlas Tack property is approximately 48 acres and is located in a predominantly residential area. It is bounded by a bicycle path, residences, and a few commercial/light industrial businesses to the north; a tidal marsh to the east and south; a former elementary school about 200 feet to the northwest; and residences immediately to the south (see Appendix A, Figure 2) [2]. The focus of the current investigation is the former Atlas Tack facility building, which has started to collapse.

From 1901 to 1985, the Atlas Tack Corporation produced various items such as tacks, nails, shoe eyelets, rivets, bolts, and similar small metal items at the Site. Work done in the facility included electroplating, acid-washing, annealing, enameling, and painting. Many types of industrial waste products were produced from these operations such as acids, bases, cyanide, metals (zinc, copper, chromium, cadmium, nickel, and lead), polychlorinated biphenyls (PCBs), polycyclic aromatic hydrocarbons (PAHs), and volatile organic compounds (VOCs). From the 1940s until the late 1970s or 1980s, solid and liquid wastes from these operations were disposed of at the Site. These waste products infiltrated into the soil, eventually into the groundwater, and eventually into the local Boys Creek wetland and Buzzards Bay [3].

In 1985, the Massachusetts Department of Environmental Protection (MassDEP) completed an emergency action to clean up the surrounding wetlands. In 1990, the Site was placed on the National Priorities List (NPL) under the Comprehensive Environmental Response, Compensation & Liability Act (CERCLA) [4]. Starting in 2005, EPA conducted a three-phase remedial action at the Site and surrounding ecosystems. Phase I (June 2005) focused on the commercial area and consisted of the demolition of the three-story manufacturing building, its plating lines, the power plant building, and tearing up the concrete foundation beneath these buildings. Phase II (November 2006) consisted of excavating the contaminated soil under these former foundations and backfilling it with clean material. Phase III (May 2007-September 2007) consisted of the restoration of Boys Creek and the connecting salt marsh habitats. Contaminated creek sediment and marsh substrate were excavated and disposed of. Careful action was taken to restore the original elevation grades of the marsh landscape due to lost material, to preserve the functional role of the marsh in its coastal environment [3].

Throughout this multi-phase process, contractor Axiom Environmental Partners (Axiom) confirmed the presence of asbestos-containing material (ACM) in the former commercial building, specifically in the window caulking, roofing materials, and insulation in the boiler section. Abatement (removal) of ACMs from the commercial building was completed prior to demolition. In April 2009, a final Operations & Maintenance Plan (OMP) was implemented to establish short-term and long-term monitoring goals for groundwater, surface water, and sediment [3].

A dilapidated two-story brick building currently remains on the western portion of the Atlas Tack property. As of January 2025, the majority of the roof had collapsed into the two-story building. A small metal shed is located along the southern boundary of the Commercial Area.

More recently, throughout the summer of 2025, several municipal entities sent letters to the owner of Atlas Tack Corporation expressing increasing community concern regarding the environmental and public health risks associated with the remnants of the Site, along with mandated corrective measures the owners were expected to follow. These concerns included the possibility of ACM debris including roofing and building materials being dispersed in and around the deteriorated building. On 1 October 2025, the Town of Fairhaven requested EPA assistance in addressing ACM concerns [5].

Site/Sampling Activities

On 10 December 2025, START members Joshua Jakobsons, Amy McNicholas, and John Burton mobilized to the Site to conduct sampling activities. Upon arrival, START met with OSC Jacques Elias, and MassDEP personnel staff to discuss sampling strategies, which included collecting suspected bulk samples for asbestos analysis. START personnel conducted the tailgate safety meeting and reviewed the site Health and Safety Plan (HASP). The site HASP has been prepared as a separate document, entitled *Removal Program Site Health and Safety Plan for the Atlas Tack Preliminary Assessment/Site Investigation, Fairhaven, Massachusetts*. START then prepared a MultiRAE multigas meter with hydrogen sulfide (H₂S), carbon monoxide (CO), oxygen (O₂), lower explosive limit (LEL), and volatile organic compound (VOC) sensors. Background readings were as follows: Gamma radiation: 12 microRoentgens per hour (μR/hr); O₂ = 20.9%; H₂S = 0 parts per million (ppm); LEL = 0%; VOCs = 0.03 parts per million (ppm); and CO = 0 ppm [6].

EPA On-Scene Coordinator (OSC) Jacques Elias and START members Burton and McNicholas conducted a site reconnaissance/inspection with MassDEP Representatives and marked sample locations. After the site reconnaissance, and discussions with OSC Elias, START prepared sampling equipment and initiated sampling activities in accordance with the Sampling and Analysis Plan (SAP), entitled *Sampling and Analysis Plan for the Atlas Tack Site, Fairhaven, Bristol County, Massachusetts*, which included collecting debris samples for asbestos analyses [7-8].

START collected a total of 19 samples of potential ACM debris (ACM-01 through ACM-18), including one field duplicate (ACM-111), from around the dilapidated building structure. A summary of sample locations and descriptions is shown in Appendix A, Figure 3 and Appendix B, Table 1.

START personnel photo-documented the Site and the sampling locations (see Appendix C, Photo-documentation Log). START completed the SCRIBE database and generated the chain-of-custody (COC) (see Appendix D). All samples, and quality control (QC) samples, were hand delivered and submitted to the U.S. EPA Laboratory Services and Applied Sciences Division (LSASD) New England Regional Laboratory (NERL) for asbestos analysis via Polarized Light Microscopy (PLM).

Analytical Data Summaries

On 15 January 2026, START received the laboratory analytical results from LSASD NERL for asbestos analysis [9].

Chrysotile asbestos was detected in sample ACM-08 at 35%. No asbestos was detected in any of the other samples. These data are summarized in Appendix B, Table 2, and are included in Appendix D [9].

REFERENCES

- [1] US. Geological Survey. 1983. 7.5-minute topographic map, Fairhaven, Massachusetts.
- [2] Esri, i-cubed, USDA FSA, USGS, AEX, GeoEye, Getmapping, Aerogrid, IGP. 2019. ArcGIS.com World Imagery Map. April.
- [3] U.S. Environmental Protection Agency (EPA), Region 1. 21 July 2025. *Fourth Five-Year Review Report for Atlas Tack Corp Superfund Site*, Bristol County, MA.
- [4] US Environmental Protection Agency. September 2006. Atlas Tack Corporation Superfund Site, Fairhaven, Massachusetts. *Interim Remedial Action Report for Phase 1 Commercial Area Remediation*.
- [5] U.S. Environmental Protection Agency. 1 October 2025. Removal Action Request from Town of Fairhaven, with supporting documentation (e-mail).
- [6] Weston Solutions, Inc. April 2025. Standard Operating Procedure for Air Monitoring. SOP No. WSI/S6-020, Superfund Technical Assessment and Response Team (START), Billerica, Massachusetts.
- [7] Weston Solutions, Inc. April 2025. Standard Operating Procedure for Asbestos Sampling. SOP No. WSI/S6-019, Superfund Technical Assessment and Response Team (START), Billerica, Massachusetts.
- [8] Weston Solutions, Inc. 10 December 2025. Sampling and Analysis Plan for the Atlas Tack Site, Fairhaven, Bristol County, Massachusetts. Document Control No. R-60126.
- [9] U.S. Environmental Protection Agency. 14 January 2026. Laboratory Services and Applied Sciences Division (LSASD). Laboratory Report. Project No. 25120010. Atlas Tack - Fairhaven, MA, Bulk Asbestos Analysis by PLM.

III. Appendices

Appendix A

Figures

- Figure 1 - Site Location Map
- Figure 2 - Site Diagram
- Figure 3 - Sample Location Diagram



Figure 1

Site Location Map

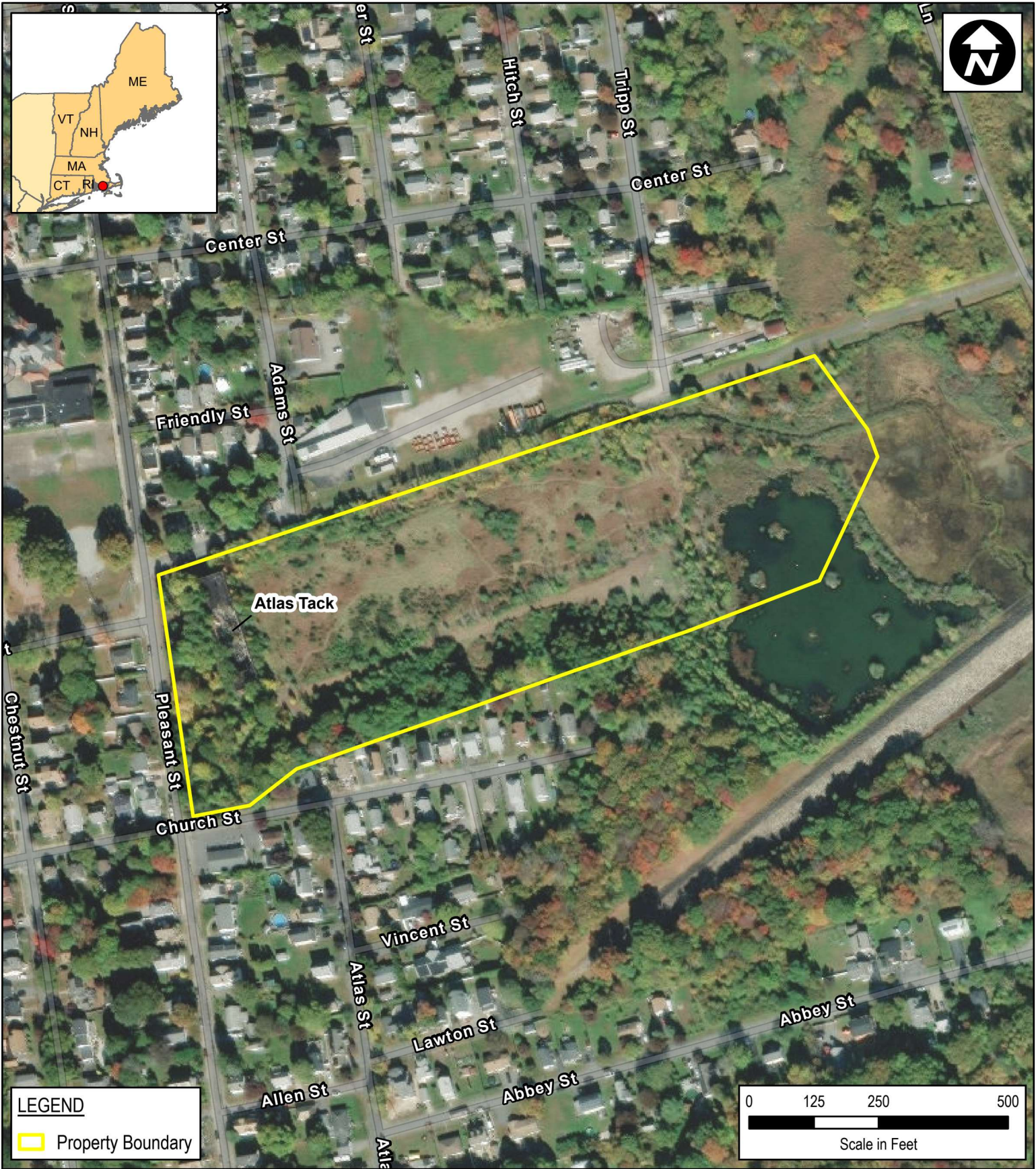
Atlas Tack Site
 81 Pleasant Street
 Fairhaven, Bristol County, Massachusetts

EPA Region I
 Superfund Technical Assessment and
 Response Team (START) VI
 Contract No. 68HE0325D0004

AD Number: TOFP-01-25-10-0064
 Created by: H. Bravo-Ruiz
 Created on: 12/4/2025
 Modified by: H. Bravo-Ruiz
 Modified on: 12/4/2025

Sources:
 1. Topo: MicroPath/USGS/USA Topo Maps
 Quadrangle Name: New Bedford North
 2. All other data: START





LEGEND

Property Boundary

0 125 250 500

Scale in Feet

Figure 2

Site Diagram

Atlas Tack Site
81 Pleasant Street
Fairhaven, Bristol County, Massachusetts

EPA Region I
Superfund Technical Assessment and
Response Team (START) VI
Contract No. 68HE0325D0004

AD Number: TOFP-01-25-10-0064
Created by: H. Bravo-Ruiz
Created on: 12/4/2025
Modified by: H. Bravo-Ruiz
Modified on: 12/4/2025

Sources:

1. Aerial: ESRI, i-cubed, USDA FSA, USGS AEX, GeoEye, Getmapping, Aerogrid, IGP
2. All other data: START

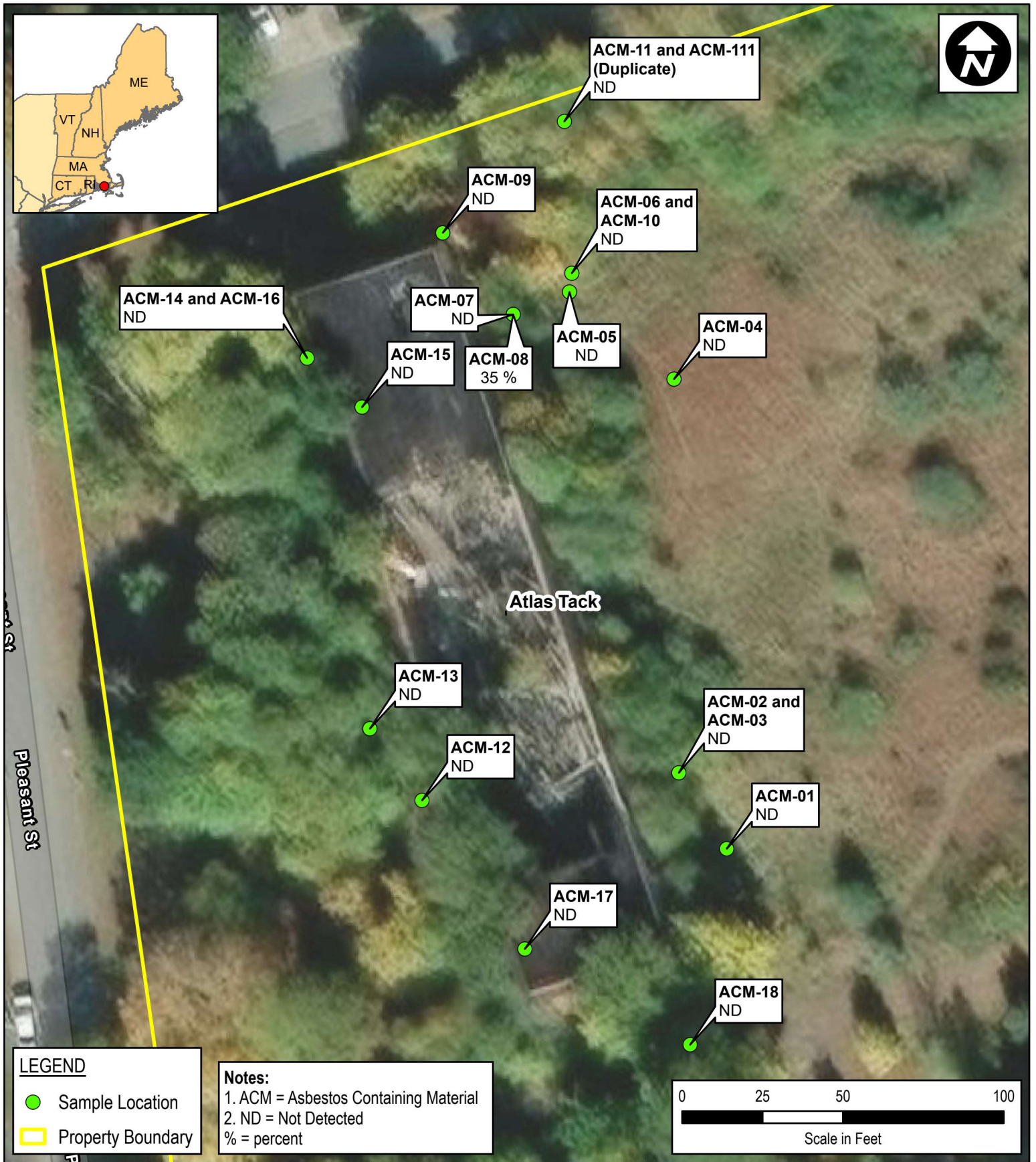


Figure 3
Sample Location Map

Atlas Tack Site
81 Pleasant Street
Fairhaven, Bristol County, Massachusetts

EPA Region I
Superfund Technical Assessment and
Response Team (START) VI
Contract No. 68HE0325D0004

AD Number: TOFP-01-25-10-0064
Created by: H. Bravo-Ruiz
Created on: 2/24/2026
Modified by: J. Jakobsens
Modified on: 2/24/2026

Sources:
1. Aerial: ESRI, i-cubed, USDA FSA, USGS
AEX, GeoEye, Getmapping, Aerogrid, IGP
2. All other data: START



Appendix B

Tables

- Table 1 - Asbestos-Containing Material Sample Descriptions
- Table 2 - Summary of Asbestos-Containing Material Sample Results

TABLE 1
ASBESTOS-CONTAINING MATERIAL SAMPLE DESCRIPTIONS
ATLAS TACK SITE
FAIRHAVEN, MASSACHUSETTS

Sample Location	Sample Number	Collection Date	Sample Type	Sample Description
ACM-01	S60064MA-0001	10-Dec-2025	Grab	Roofing material
ACM-02	S60064MA-0002	10-Dec-2025	Grab	Roofing material
ACM-03	S60064MA-0003	10-Dec-2025	Grab	Roofing material
ACM-04	S60064MA-0004	10-Dec-2025	Grab	Roofing material
ACM-05	S60064MA-0005	10-Dec-2025	Grab	Roofing material
ACM-06	S60064MA-0006	10-Dec-2025	Grab	Roofing material
ACM-07	S60064MA-0007	10-Dec-2025	Grab	Linoleum/Tile
ACM-08	S60064MA-0008	10-Dec-2025	Grab	Green felt paper
ACM-09	S60064MA-0009	10-Dec-2025	Grab	Window caulking/Glaze
ACM-10	S60064MA-0010	10-Dec-2025	Grab	Particle board
ACM-11	S60064MA-0011	10-Dec-2025	Grab	Mastic
ACM-12	S60064MA-0012	10-Dec-2025	Grab	Roofing material
ACM-13	S60064MA-0013	10-Dec-2025	Grab	Green shingles
ACM-14	S60064MA-0014	10-Dec-2025	Grab	Roofing material
ACM-15	S60064MA-0015	10-Dec-2025	Grab	Window caulking/Glaze
ACM-16	S60064MA-0016	10-Dec-2025	Grab	Roofing material
ACM-17	S60064MA-0017	10-Dec-2025	Grab	Pink roofing asphalt
ACM-18	S60064MA-0018	10-Dec-2025	Grab	Thin tar paper
ACM-111	S60064MA-0019	10-Dec-2025	Grab	Mastic; Duplicate of ACM-11

NOTES:
ACM = Asbestos-Containing Material

TABLE 2

SUMMARY OF ASBESTOS-CONTAINING MATERIAL SAMPLE RESULTS
ATLAS TACK SITE
FAIRHAVEN, MASSACHUSETTS
 % Volume

SAMPLE LOCATION SAMPLE NUMBER LABORATORY NUMBER DATE SAMPLED	ACM-01 S60064MA-0001 AC22198 12/10/2025	ACM-02 S60064MA-0002 AC22199 12/10/2025	ACM-03 S60064MA-0003 AC22200 12/10/2025	ACM-04 S60064MA-0004 AC22201 12/10/2025	ACM-05 S60064MA-0005 AC22202 12/10/2025	ACM-06 S60064MA-0006 AC22203 12/10/2025	ACM-07 S60064MA-0007 AC22204 12/10/2025	ACM-08 S60064MA-0008 AC22205 12/10/2025
COMPOUND	%							
Actinolite	ND	ND	ND	ND	ND	ND	ND	ND
Amosite	ND	ND	ND	ND	ND	ND	ND	ND
Anthophyllite	ND	ND	ND	ND	ND	ND	ND	ND
Chrysotile	ND	ND	ND	ND	ND	ND	ND	35
Crocidolite	ND	ND	ND	ND	ND	ND	ND	ND
Tremolite	ND	ND	ND	ND	ND	ND	ND	ND

SAMPLE LOCATION SAMPLE NUMBER LABORATORY NUMBER DATE SAMPLED	ACM-09 S60064MA-0009 AC22206 12/10/2025	ACM-10 S60064MA-0010 AC22207 12/10/2025	ACM-11 S60064MA-0011 AC22208 12/10/2025	ACM-12 S60064MA-0012 AC22209 12/10/2025	ACM-13 S60064MA-0013 AC22210 12/10/2025	ACM-14 S60064MA-0014 AC22211 12/10/2025	ACM-15 S60064MA-0015 AC22212 12/10/2025	ACM-16 S60064MA-0016 AC22213 12/10/2025
COMPOUND	%							
Actinolite	ND	ND	ND	ND	ND	ND	ND	ND
Amosite	ND	ND	ND	ND	ND	ND	ND	ND
Anthophyllite	ND	ND	ND	ND	ND	ND	ND	ND
Chrysotile	ND	ND	ND	ND	ND	ND	ND	ND
Crocidolite	ND	ND	ND	ND	ND	ND	ND	ND
Tremolite	ND	ND	ND	ND	ND	ND	ND	ND

SAMPLE LOCATION SAMPLE NUMBER LABORATORY NUMBER DATE SAMPLED	ACM-17 S60064MA-0017 AC22214 12/10/2025	ACM-18 S60064MA-0018 AC22215 12/10/2025	ACM-111 S60064MA-0019 AC22216 12/10/2025
COMPOUND	%		
Actinolite	ND	ND	ND
Amosite	ND	ND	ND
Anthophyllite	ND	ND	ND
Chrysotile	ND	ND	ND
Crocidolite	ND	ND	ND
Tremolite	ND	ND	ND

NOTES:

- 1) Samples were analyzed by U.S. EPA New England Regional Laboratory (NERL) via Polarized Light Microscopy (PLM).
- 2) All quantities are estimated volume percent (%).
- 3) ND = Not Detected

Appendix C

Photodocumentation Log

PHOTODOCUMENTATION LOG
Atlas Tack Site • Fairhaven, Massachusetts



SCENE: View of the south side of the dilapidated Atlas Tack building. Photograph taken facing north.

DATE: 10 December 2025

PHOTOGRAPHER: A. McNicholas

TIME: 1230 hours

CAMERA: Apple iPhone 13



SCENE: View of the southeast corner of the building, where debris samples ACM-01, ACM-02, and ACM-03 were collected. Photograph taken facing northwest.

DATE: 10 December 2025

PHOTOGRAPHER: A. McNicholas

TIME: 1231 hours

CAMERA: Apple iPhone 13

PHOTODOCUMENTATION LOG
Atlas Tack Site • Fairhaven, Massachusetts



SCENE: View of the portion of the Atlas Tack building with a collapsed roof. Photograph taken facing northwest.

DATE: 10 December 2025

PHOTOGRAPHER: A. McNicholas

TIME: 1232 hours

CAMERA: Apple iPhone 13



SCENE: View of a deteriorating steel-roofed building where samples ACM-05, ACM-06 and ACM-10 were collected. Photograph taken facing west.

DATE: 10 December 2025

PHOTOGRAPHER: A. McNicholas

TIME: 1233 hours

CAMERA: Apple iPhone 13

PHOTODOCUMENTATION LOG
Atlas Tack Site • Fairhaven, Massachusetts



SCENE: View of the security fence on the west side of the Atlas Tack building. Photograph taken facing north.

DATE: 10 December 2025

PHOTOGRAPHER: A. McNicholas

TIME: 1244 hours

CAMERA: Apple iPhone 13



SCENE: View of the green shingles/roofing collected as sample ACM-13. Photograph taken facing east.

DATE: 10 December 2025

PHOTOGRAPHER: A. McNicholas

TIME: 1248 hours

CAMERA: Apple iPhone 13

Appendix D

Analytical Data and Chain-of-Custody Records



Laboratory Report

January 14, 2026

Jacques Elias

11 Technology Drive
N. Chelmsford, MA 01863 - 2431

Project Number: 25120010
Project: Atlas Tack - Fairhaven, MA
Analysis: Bulk Asbestos Analysis by PLM
Analyst: Scott Clifford

Analytical Procedure:

All samples were received and logged in by the laboratory according to the USEPA New England SOP for Sample Log-in.

Sample preparation and analysis was done following the EPA Region I SOP, INGASBSED2.

Analytical Method: Polarized Light Microscope (PLM) with Dispersion Staining.

All quantities are estimated volume percent.

Date Samples Received by the Laboratory: 12/11/2025

Data were reviewed in accordance with the internal verification procedures described in the EPA New England OEME Chemistry QA Plan.

Results relate only to the items tested or to the samples as received by the Laboratory. This analytical report shall not be reproduced except in full, without written approval of the laboratory.

Report may contain multiple sections and each section will be numbered independently.

If you have any questions please call me at 617-918-8340 .

Sincerely,

Atlas Tack - Fairhaven, MA

Bulk Asbestos Analysis by PLM

Client Sample ID: ACM-01
 Date of Collection: 12/10/2025
 Date of Extraction: 1/12/26
 Date of Analysis: 1/12/26

Lab Sample ID: AC22198
 Matrix: Bulk

CAS Number	Compound	Concentration %	RL %	Qualifier
	Actinolite	ND	1.0	
	Amosite	ND	1.0	
	Anthophyllite	ND	1.0	
	Chrysotile	ND	1.0	
	Crocidolite	ND	1.0	
	Tremolite	ND	1.0	

Comments:

Client Sample ID: ACM-02
 Date of Collection: 12/10/2025
 Date of Extraction: 1/12/26
 Date of Analysis: 1/12/26

Lab Sample ID: AC22199
 Matrix: Bulk

CAS Number	Compound	Concentration %	RL %	Qualifier
	Actinolite	ND	1.0	
	Amosite	ND	1.0	
	Anthophyllite	ND	1.0	
	Chrysotile	ND	1.0	
	Crocidolite	ND	1.0	
	Tremolite	ND	1.0	

Comments:

Atlas Tack - Fairhaven, MA

Bulk Asbestos Analysis by PLM

Client Sample ID: ACM-03
 Date of Collection: 12/10/2025
 Date of Extraction: 1/12/26
 Date of Analysis: 1/12/26

Lab Sample ID: AC22200
 Matrix: Bulk

CAS Number	Compound	Concentration %	RL %	Qualifier
	Actinolite	ND	1.0	
	Amosite	ND	1.0	
	Anthophyllite	ND	1.0	
	Chrysotile	ND	1.0	
	Crocidolite	ND	1.0	
	Tremolite	ND	1.0	

Comments:

Client Sample ID: ACM-04
 Date of Collection: 12/10/2025
 Date of Extraction: 1/12/26
 Date of Analysis: 1/12/26

Lab Sample ID: AC22201
 Matrix: Bulk

CAS Number	Compound	Concentration %	RL %	Qualifier
	Actinolite	ND	1.0	
	Amosite	ND	1.0	
	Anthophyllite	ND	1.0	
	Chrysotile	ND	1.0	
	Crocidolite	ND	1.0	
	Tremolite	ND	1.0	

Comments:

Atlas Tack - Fairhaven, MA

Bulk Asbestos Analysis by PLM

Client Sample ID: ACM-05
 Date of Collection: 12/10/2025
 Date of Extraction: 1/12/26
 Date of Analysis: 1/12/26

Lab Sample ID: AC22202
 Matrix: Bulk

CAS Number	Compound	Concentration %	RL %	Qualifier
	Actinolite	ND	1.0	
	Amosite	ND	1.0	
	Anthophyllite	ND	1.0	
	Chrysotile	ND	1.0	
	Crocidolite	ND	1.0	
	Tremolite	ND	1.0	

Comments:

Client Sample ID: ACM-06
 Date of Collection: 12/10/2025
 Date of Extraction: 1/12/26
 Date of Analysis: 1/12/26

Lab Sample ID: AC22203
 Matrix: Bulk

CAS Number	Compound	Concentration %	RL %	Qualifier
	Actinolite	ND	1.0	
	Amosite	ND	1.0	
	Anthophyllite	ND	1.0	
	Chrysotile	ND	1.0	
	Crocidolite	ND	1.0	
	Tremolite	ND	1.0	

Comments:

Atlas Tack - Fairhaven, MA

Bulk Asbestos Analysis by PLM

Client Sample ID: ACM-07
 Date of Collection: 12/10/2025
 Date of Extraction: 1/12/26
 Date of Analysis: 1/12/26

Lab Sample ID: AC22204
 Matrix: Bulk

CAS Number	Compound	Concentration %	RL %	Qualifier
	Actinolite	ND	1.0	
	Amosite	ND	1.0	
	Anthophyllite	ND	1.0	
	Chrysotile	ND	1.0	
	Crocidolite	ND	1.0	
	Tremolite	ND	1.0	

Comments:

Client Sample ID: ACM-08
 Date of Collection: 12/10/2025
 Date of Extraction: 1/12/26
 Date of Analysis: 1/12/26

Lab Sample ID: AC22205
 Matrix: Bulk

CAS Number	Compound	Concentration %	RL %	Qualifier
	Actinolite	ND	1.0	
	Amosite	ND	1.0	
	Anthophyllite	ND	1.0	
	Chrysotile	35	1.0	
	Crocidolite	ND	1.0	
	Tremolite	ND	1.0	

Comments:

Atlas Tack - Fairhaven, MA

Bulk Asbestos Analysis by PLM

Client Sample ID: ACM-09
 Date of Collection: 12/10/2025
 Date of Extraction: 1/12/26
 Date of Analysis: 1/12/26

Lab Sample ID: AC22206
 Matrix: Bulk

CAS Number	Compound	Concentration %	RL %	Qualifier
	Actinolite	ND	1.0	
	Amosite	ND	1.0	
	Anthophyllite	ND	1.0	
	Chrysotile	ND	1.0	
	Crocidolite	ND	1.0	
	Tremolite	ND	1.0	

Comments:

Client Sample ID: ACM-10
 Date of Collection: 12/10/2025
 Date of Extraction: 1/12/26
 Date of Analysis: 1/12/26

Lab Sample ID: AC22207
 Matrix: Bulk

CAS Number	Compound	Concentration %	RL %	Qualifier
	Actinolite	ND	1.0	
	Amosite	ND	1.0	
	Anthophyllite	ND	1.0	
	Chrysotile	ND	1.0	
	Crocidolite	ND	1.0	
	Tremolite	ND	1.0	

Comments:

Atlas Tack - Fairhaven, MA

Bulk Asbestos Analysis by PLM

Client Sample ID: ACM-11
 Date of Collection: 12/10/2025
 Date of Extraction: 1/12/26
 Date of Analysis: 1/12/26

Lab Sample ID: AC22208
 Matrix: Bulk

CAS Number	Compound	Concentration %	RL %	Qualifier
	Actinolite	ND	1.0	
	Amosite	ND	1.0	
	Anthophyllite	ND	1.0	
	Chrysotile	ND	1.0	
	Crocidolite	ND	1.0	
	Tremolite	ND	1.0	

Comments:

Client Sample ID: ACM-12
 Date of Collection: 12/10/2025
 Date of Extraction: 1/12/26
 Date of Analysis: 1/12/26

Lab Sample ID: AC22209
 Matrix: Bulk

CAS Number	Compound	Concentration %	RL %	Qualifier
	Actinolite	ND	1.0	
	Amosite	ND	1.0	
	Anthophyllite	ND	1.0	
	Chrysotile	ND	1.0	
	Crocidolite	ND	1.0	
	Tremolite	ND	1.0	

Comments:

Atlas Tack - Fairhaven, MA

Bulk Asbestos Analysis by PLM

Client Sample ID: ACM-13
 Date of Collection: 12/10/2025
 Date of Extraction: 1/13/26
 Date of Analysis: 1/13/26

Lab Sample ID: AC22210
 Matrix: Bulk

CAS Number	Compound	Concentration %	RL %	Qualifier
	Actinolite	ND	1.0	
	Amosite	ND	1.0	
	Anthophyllite	ND	1.0	
	Chrysotile	ND	1.0	
	Crocidolite	ND	1.0	
	Tremolite	ND	1.0	

Comments:

Client Sample ID: ACM-14
 Date of Collection: 12/10/2025
 Date of Extraction: 1/13/26
 Date of Analysis: 1/13/26

Lab Sample ID: AC22211
 Matrix: Bulk

CAS Number	Compound	Concentration %	RL %	Qualifier
	Actinolite	ND	1.0	
	Amosite	ND	1.0	
	Anthophyllite	ND	1.0	
	Chrysotile	ND	1.0	
	Crocidolite	ND	1.0	
	Tremolite	ND	1.0	

Comments:

Atlas Tack - Fairhaven, MA

Bulk Asbestos Analysis by PLM

Client Sample ID: ACM-15
 Date of Collection: 12/10/2025
 Date of Extraction: 1/13/26
 Date of Analysis: 1/13/26

Lab Sample ID: AC22212
 Matrix: Bulk

CAS Number	Compound	Concentration %	RL %	Qualifier
	Actinolite	ND	1.0	
	Amosite	ND	1.0	
	Anthophyllite	ND	1.0	
	Chrysotile	ND	1.0	
	Crocidolite	ND	1.0	
	Tremolite	ND	1.0	

Comments:

Client Sample ID: ACM-16
 Date of Collection: 12/10/2025
 Date of Extraction: 1/13/26
 Date of Analysis: 1/13/26

Lab Sample ID: AC22213
 Matrix: Bulk

CAS Number	Compound	Concentration %	RL %	Qualifier
	Actinolite	ND	1.0	
	Amosite	ND	1.0	
	Anthophyllite	ND	1.0	
	Chrysotile	ND	1.0	
	Crocidolite	ND	1.0	
	Tremolite	ND	1.0	

Comments:

Atlas Tack - Fairhaven, MA

Bulk Asbestos Analysis by PLM

Client Sample ID: ACM-17
 Date of Collection: 12/10/2025
 Date of Extraction: 1/13/26
 Date of Analysis: 1/13/26

Lab Sample ID: AC22214
 Matrix: Bulk

CAS Number	Compound	Concentration %	RL %	Qualifier
	Actinolite	ND	1.0	
	Amosite	ND	1.0	
	Anthophyllite	ND	1.0	
	Chrysotile	ND	1.0	
	Crocidolite	ND	1.0	
	Tremolite	ND	1.0	

Comments:

Client Sample ID: ACM-18
 Date of Collection: 12/10/2025
 Date of Extraction: 1/13/26
 Date of Analysis: 1/13/26

Lab Sample ID: AC22215
 Matrix: Bulk

CAS Number	Compound	Concentration %	RL %	Qualifier
	Actinolite	ND	1.0	
	Amosite	ND	1.0	
	Anthophyllite	ND	1.0	
	Chrysotile	ND	1.0	
	Crocidolite	ND	1.0	
	Tremolite	ND	1.0	

Comments:

Atlas Tack - Fairhaven, MA

Bulk Asbestos Analysis by PLM

Client Sample ID: ACM-111
Date of Collection: 12/10/2025
Date of Extraction: 1/13/26
Date of Analysis: 1/13/26

Lab Sample ID: AC22216
Matrix: Bulk

CAS Number	Compound	Concentration %	RL %	Qualifier
	Actinolite	ND	1.0	
	Amosite	ND	1.0	
	Anthophyllite	ND	1.0	
	Chrysotile	ND	1.0	
	Crocidolite	ND	1.0	
	Tremolite	ND	1.0	

Comments:

PA 25120010

Page 1 of 1
 USEPA
 Date Shipped: 12/11/2025
 Carrier Name:
 Airbill No:

CHAIN OF CUSTODY RECORD
 Atlas Tack Site/MA
 Contact Name: Josh Jakobsens
 Contact Phone: 978-621-1202

No: MA25100064-001
 Cooler #:
 Lab: NERL
 Lab Phone: 617-918-8638

Lab #	Sample #	Location	Analyses	Matrix	Sample Date	Sample Time	Numb Cont	Container	Preservative	Lab QC
	S60064MA-0001	ACM-01	Asbestos	Asbestos	12/10/2025	11:49	1	Poly bag		
	S60064MA-0002	ACM-02	Asbestos	Asbestos	12/10/2025	11:46	1	Poly bag		
	S60064MA-0003	ACM-03	Asbestos	Asbestos	12/10/2025	11:45	1	Poly bag		
	S60064MA-0004	ACM-04	Asbestos	Asbestos	12/10/2025	11:15	1	Poly bag		
	S60064MA-0005	ACM-05	Asbestos	Asbestos	12/10/2025	11:20	1	Poly bag		
	S60064MA-0006	ACM-06	Asbestos	Asbestos	12/10/2025	11:29	1	Poly bag		
	S60064MA-0007	ACM-07	Asbestos	Asbestos	12/10/2025	11:22	1	Poly bag		
	S60064MA-0008	ACM-08	Asbestos	Asbestos	12/10/2025	11:25	1	Poly bag		
	S60064MA-0009	ACM-09	Asbestos	Asbestos	12/10/2025	11:31	1	Poly bag		
	S60064MA-0010	ACM-10	Asbestos	Asbestos	12/10/2025	11:27	1	Poly bag		
	S60064MA-0011	ACM-11	Asbestos	Asbestos	12/10/2025	11:36	1	Poly bag		
	S60064MA-0012	ACM-12	Asbestos	Asbestos	12/10/2025	11:53	1	Poly bag		
	S60064MA-0013	ACM-13	Asbestos	Asbestos	12/10/2025	12:03	1	Poly bag		
	S60064MA-0014	ACM-14	Asbestos	Asbestos	12/10/2025	12:00	1	Poly bag		
	S60064MA-0015	ACM-15	Asbestos	Asbestos	12/10/2025	11:56	1	Poly bag		
	S60064MA-0016	ACM-16	Asbestos	Asbestos	12/10/2025	11:58	1	Poly bag		
	S60064MA-0017	ACM-17	Asbestos	Asbestos	12/10/2025	12:05	1	Poly bag		
	S60064MA-0018	ACM-18	Asbestos	Asbestos	12/10/2025	12:07	1	Poly bag		
	S60064MA-0019	ACM-111	Asbestos	Asbestos	12/10/2025	11:36	1	Poly bag		

SPECIAL INSTRUCTIONS: Please forward results to OSC Jacques Elias		SAMPLES TRANSFERRED FROM	
Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)
	<i>Weston/START</i>	12/11/25 13:11	<i>Laura L. Loucks (ESAT)</i>

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
	<i>Weston/START</i>	12/11/25 13:11	<i>Laura L. Loucks (ESAT)</i>	12/11/25 13:11	

**US EPA REGION 1
SAMPLE RECEIPT CHECKLIST**

PROJ #: 25120010	RECEIPT DATE: 12/11/25
SURVEY NAME: Atlas Tack LOCATION: Fairhaven, MA	REC'D BY: Laura Glowacki (ESAT)
OSC/PO: Jacques Elias	SITE ID: 01C4 SUPERFUND: Y <input checked="" type="checkbox"/>

WERE SAMPLES SHIPPED? <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> TRACKING #: _____ DATE/SENT: _____ NO. Hand Delivered <input checked="" type="checkbox"/>	COMMENTS: Bulk asbestos samples 19 \$ASBES
COOLER TEMPERATURE UPON ARRIVAL ⁴³ _____ °C / NA	
CHAIN OF CUSTODY PRESENT? Y <input checked="" type="checkbox"/> COMPLETE? Y <input checked="" type="checkbox"/>	
CUSTODY SEALS PRESENT ON COOLER? N <input checked="" type="checkbox"/> SAMPLES? N <input checked="" type="checkbox"/>	
WERE SAMPLE CONTAINERS INTACT? Y <input checked="" type="checkbox"/>	
WAS SAMPLE PRESERVATION DOCUMENTED? N <input checked="" type="checkbox"/> COC Sample Container	
APPROPRIATE SAMPLES VOLUME FOR REQUESTED ANALYSIS? Y <input checked="" type="checkbox"/>	
SAMPLES AND COC MATCH? N <input checked="" type="checkbox"/>	
IF ANY PROBLEMS WAS PROJECT MANAGER NOTIFIED? BY WHOM? ^{NA} _____	
APPROPRIATE SAMPLE CONTAINERS? Y <input checked="" type="checkbox"/>	
SAMPLES WITHIN HOLDING TIMES? Y <input checked="" type="checkbox"/>	
ALL ANALYSIS SPECIFIED ON COC? Y <input checked="" type="checkbox"/>	
DATE/TIME OF COLLECTION ON COC Y <input checked="" type="checkbox"/>	
TURN-AROUND TIME: 4 weeks	