

**REMOVAL PROGRAM
PRELIMINARY ASSESSMENT/
SITE INVESTIGATION REPORT
FOR THE
FORMER ROCKBESTOS SITE
CLINTON, WORCESTER COUNTY, MASSACHUSETTS
31 JANUARY 2024 AND 24 APRIL 2024**

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. 68HE0120D0001

TASK ORDER NO. 68HE0120F0027

TO/AD NO.: TOFP-01-23-10-0001

TASK NO.: 0200

DC NO.: R-50800

Submitted By:

Weston Solutions, Inc.
Region I
Superfund Technical Assessment and Response Team
101 Billerica Avenue, Building 5, Suite 103
North Billerica, Massachusetts 01862

June 2024

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I. Preliminary Assessment/Site Investigation Forms

REMOVAL PRELIMINARY ASSESSMENT

Site Access

Authorizing Person: Michael Ward (Town Administrator)
Date: 29 November 2023 **Obtained** **Verbal**
Telephone: (978) 365-4120 **Not Obtained** **Written**

Historical Preservation

Site is Historically Significant or Eligible for Historic Preservation

Contacts Identified

1) State Historical Preservation Officer (SHPO)

Name: Ms. Brona Simon **Telephone:** 617-727-8470

2) Tribal Historical Preservation Officer (THPO)

Name: **Telephone:**

Comments:

Physical Site Characterization

Background Information:

The Former Rockbestos Site (the Site) is located at 172 Sterling Street, Clinton, Worcester County, Massachusetts (MA). The site is an approximately 8.4-acre property located in a mixed commercial/industrial and residential area near downtown Clinton. The Site is bordered to the north by Sterling Street and commercial properties, to the east by Greely Street and commercial properties, to the south by wooded areas and Rigbey Street, and to the west by wooded areas and commercial properties.

Based upon available information, the Site was historically occupied by manufacturers of wire and cable since 1936. Prior to 1936, the property was used to manufacture textile. Rockbestos-Surprenant Cable Corporation operated the mill at the property until 2003/2004, when it moved operations to Connecticut. The property has been abandoned since that time. In October 2006, the property was sold to Business Reform Foundation (later referred to as SeedAmerica Foundation). SeedAmerica Foundation never operated a business at the Site but contracted with RSG Contracting Corporation (RSG) to demolish the Site structures under a MassDEP permit in 2008. The contractor conducted an asbestos survey, and roofing of the structures was managed by the demolition contractor as asbestos-containing material (ACM) and transported and disposed of off-site. SeedAmerica Foundation then became insolvent and did not pay taxes to the Town of Clinton (the Town). In 2010, 172 Sterling Street, LLC, holder of a mortgage on the property, foreclosed on SeedAmerica. Snow Farm, LLC acquired the property on 15 April 2011, and transferred the property to Yu Hongli on 22 November 2011.

After taking the property in 2018, and gaining access to the property, the Town of Clinton contracted an environmental firm to conduct an American Society for Testing and Materials

REMOVAL PRELIMINARY ASSESSMENT

(ASTM) Phase I/Phase II at the property. According to the Town and available sections of the report, ACM was not confirmed at the Site. In 2022, another asbestos survey was done where ACM was confirmed in one of six piles of debris that had previously been left on site, likely from the demolition of abandoned mill buildings at 172 Sterling Street. There is also remaining building slab and foundation located on site that may have asbestos floor tiles still affixed to it in poor repair and open to the elements.

More ACM material has been illegally dumped onto the Site since the Town took over the property, which led the Town to install a fence around the pile to prevent further unauthorized access, exposure, and dumping.

In 2022, an asbestos survey conducted by a Town of Clinton environmental firm identified ACM in one of seven piles of debris on site (identified as “Pile 6”) at concentrations of asbestos up to 23%. The six non-ACM piles were moved off site to the Town’s landfill.

A site inspection with the Town of Clinton and MassDEP identified a smaller, approximately 10-cubic-yard pile of ACM that had been dumped, by an unknown party, onto the back side of Pile 6 and some ACM-containing debris outside of Pile 7. Pile 6 is believed to be the remains of demolished buildings from the abandoned mill complex at 182 Sterling Street; the pile has been present for many years with medium-sized trees growing out of it, making it difficult to cover. The remaining building slab and foundation at the Site may also have asbestos floor tiles remaining affixed to it in poor repair and open to the elements.

MassDEP is currently working with an asbestos contractor and the Town to prepare a non-traditional work plan (NTWP) to remove and dispose of the smaller pile with the high concentrations of ACM. The small trees in Pile 6 were removed, and the pile was covered with plastic sheeting until it could be sampled by the EPA and transported off site. The illegally dumped small pile was also removed before the site walk and sampling.

The location is flat and primarily made of cement and gravel, although some older flooring is present in some locations. There are several holes on the site that lead to groundwater sources. The location has been used as an additional storage location for snow in the winter of 2023-2024. The plowing activities have pushed any remaining building materials into large mounds of snow, making them inaccessible until the snow is melted.

Description of Substances Possibly Present, Known or Alleged:

Asbestos and/or ACM.

Existing Analytical Data

() Real-Time Monitoring Data:

(X) Sampling Data:

Economic EnviroTechs Incorporated. 2022. Asbestos Identification Laboratory Analytical Results, Clinton, MA. February.

REMOVAL PRELIMINARY ASSESSMENT

MassDevelopment and the Town of Clinton. 2023. Site Readiness Assessment, Clinton, MA. May.

Town of Clinton. 2021. Site Assessment Services Data Summary Report, Clinton, MA. February.

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.
- 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:

A site inspection with the Town of Clinton and MassDEP identified a smaller, approximately 10-cubic-yard pile of ACM that had been dumped, by an unknown party, onto the back side of Pile 6 and some ACM-containing debris outside of Pile 7. Six of the seven piles on site were removed, with Pile 6 and the illegally dumped pile remaining. MassDEP is currently working with an asbestos contractor and the Town to prepare an NTWP to remove and dispose of the smaller pile with the high concentrations of ACM. The small trees in Pile 6 were removed, and the pile was covered with plastic sheeting until it could be sampled by EPA and transported off site. The illegally dumped small pile was also removed before the site walk and sampling.

REMOVAL PRELIMINARY ASSESSMENT

Priority for Site Investigation

(X) High **() Medium** **Low ()** **None ()**
Comments:

Report Generation

Originator:	Marina Kovalcin	Date:	22 January 2024
Affiliation:	Weston Solutions, Inc. (START)	Telephone:	(978) 621-1208
Contract No.	68HE0120D0001	Contract Name:	START V
Task Order No.	68HE0120F0027	Contract Name:	FP-CRT
AD No.:	TOFP-01-23-10-0001	Task No.:	0200



**EPA REGION I
REMOVAL SITE INVESTIGATION**

Inspection Information

Name: Former Rockbestos Site **Location:** 172 Sterling Street
Town: Clinton **County:** Worcester County **State:** Massachusetts
Date of Inspection: 31 January 2024 **Time of Inspection:** 0900 hours
Weather Conditions: 35 ° Fahrenheit, Cloudy
Date of Inspection: 24 April 2024 **Time of Inspection:** 1000 hours
Weather Conditions: 48 ° Fahrenheit, Cloudy, some light rain
Site Status at Time of Inspection: () ACTIVE (X) INACTIVE
Comments: The Site is currently vacant. The area was being used to store snow from snow removal activities during winter.

Agencies/Personnel Performing Inspection

	<u>Names</u>	<u>Program</u>
(X) EPA:	Sherry Banks Abdine Ouedraogo Emma Dixon Tyler Evans Carlyn McGowan Matthew Bosselait	U.S. Environmental Protection Agency (EPA) Region I, Emergency Planning and Response Branch (EPRB), On-Scene Coordinator (OSC).
(X) EPA Contractor:	Marina Kovalcin Chris Dupree Amy Klinger Bonnie Mace Tara LePage	Weston Solutions, Inc. (WESTON), Superfund Technical Assessment and Response Team V (START).
(X) State:	Mark Matys	Massachusetts Department of Environmental Protection (MassDEP).
(X) Town:	Michael Ward Phil Duffy	Town of Clinton, Town Administrator. Town of Clinton, Community and Economic Development Director.

Current Owner Based on Field Interview: Town of Clinton

REMOVAL SITE INVESTIGATION

Physical Site Characteristics

<u>Parameter</u>	<u>Quantities/Extent</u>
<input type="checkbox"/> Cylinders:	
<input type="checkbox"/> Drums:	
<input type="checkbox"/> Lagoons:	
<input type="checkbox"/> Tanks:	<input type="checkbox"/> Above: <input type="checkbox"/> Below:
<input checked="" type="checkbox"/> Asbestos:	An asbestos-containing pile, known as "Pile 6", is located on the property surrounded by fencing and covered with sheeting. Additionally, there is building material present at the site that is most likely ACM as well. This material has been pushed into snow piles by plows and is not accessible.
<input checked="" type="checkbox"/> Piles:	Pile 6 likely contains ACM. The piles of snow where the building materials have been pushed to the perimeter of the site also likely contain ACM.
<input type="checkbox"/> Stained Soil:	
<input type="checkbox"/> Sheens:	
<input type="checkbox"/> Stressed Vegetation:	
<input type="checkbox"/> Landfill:	
<input checked="" type="checkbox"/> Population in Vicinity:	The Site is located in a mixed commercial/industrial and residential area.
<input type="checkbox"/> Wells:	<input type="checkbox"/> Drinking: <input type="checkbox"/> Monitoring:
<input type="checkbox"/> Other:	

Physical Site Observations

The Site consists of a vacant lot that is generally flat and contains the remnant foundations from previously demolished industrial buildings. There were some portions with tile flooring remaining/exposed. The Site has a fence on the northern side along Sterling Street and the eastern side along Greeley Street. An entrance is located on the Sterling Street side of the fence. The remaining pile, Pile 6, is located to the left of the entrance and has additional fencing around it. Pile 6 has been covered with tarps which are secured using rocks.

As of 31 January 2024, the Site was used by the Town of Clinton to store excess snow from plowing activities. The plowing activities pushed any remaining building materials into large mounds of snow, making them inaccessible during the January sampling event.

As of 24 April 2024, the snow had melted and there were small pieces of debris visible on the vacant lot. Pile 6 remained encased in polyurethane sheeting surrounded by a fence with signs labeling the pile as hazardous.

REMOVAL SITE INVESTIGATION

Field Sampling and Analysis

Matrix	Field Instrumentation Readings				Other
	CGI/O ₂ (%)	RAD (μR/hr)	PID (ppm)	FID (ppm)	
Background:	0.0/20.9	10-15	0.0	--	
Air:	0.0/20.9	10-15	0.0		
Soil:					
Surface Water:					
Tanks:					
Drums:					
Vats:					
Lagoons:					
Spillage:					
Run Off:					
Piles:	0.0/20.9	10-15	0.0	--	
Sediments:					
Groundwater:					
Other:					

CGI/O₂ (%) = Combustible Gas Indicator/Oxygen (percentage)
 PID = PhotoIonization Detector (parts per million)

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 Former Rockbestos Site, Clinton, Worcester County, MA*, dated January 2024.

Description of Sampling Conducted

On 31 January 2024, START personnel collected 15 bulk asbestos samples (ACM-01 through ACM-14 and ACM-109) for asbestos analysis. All samples were submitted to EPA Laboratory Services and Applied Sciences Division (LSASD), New England Regional Laboratory (NERL) located in North Chelmsford, Massachusetts for asbestos analysis.

On 24 April 2024, START personnel collected 42 bulk asbestos samples (ACM-20 through ACM-61) for asbestos analysis. All samples were submitted to EPA LSASD NERL located in North Chelmsford, Massachusetts for asbestos analysis.

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

REMOVAL SITE INVESTIGATION

- 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:	Marina Kovalcin	Date:	30 April 2024
Affiliation:	Weston Solutions, Inc. (START)	Telephone:	(978) 621-1208
Contract No.:	68HE0120D0001	Contract Name:	START V
Task Order No.:	68HE0120F0027	Task Order Name:	FP-CRT
AD No.:	TOFP-01-23-10-0001	Task No.:	0200

II. Narrative Chronology

Narrative Chronology

Site History

The Former Rockbestos Site (the Site) is located at 172 Sterling Street, Clinton, Worcester County, Massachusetts (see Appendix A, Figure 1) [1]. The site is an approximately 8.4-acre property located in a mixed commercial/industrial and residential area near downtown Clinton. The Site consists of a vacant lot that is generally flat and contains the remnant foundations from previously demolished industrial buildings. There are some portions with tile flooring remaining/exposed. The Site is bordered to the north by Sterling Street and commercial properties, to the east by Greely Street and commercial properties, to the south by wooded areas and Rigbey Street, and to the west by wooded areas and commercial properties (see Appendix A, Figure 2) [2].

Based upon available information, the Site was historically occupied by manufacturers of wire and cable since 1936. Prior to 1936, the property was used to manufacture textile. Rockbestos-Surprenant Cable Corporation operated the mill at the property until 2003/2004, when it moved operations to Connecticut. The property has been abandoned since that time. In October 2006, the property was sold to Business Reform Foundation (later referred to as SeedAmerica Foundation). SeedAmerica Foundation never operated a business at the Site but contracted with RSG Contracting Corporation (RSG) to demolish the Site structures under a MassDEP permit in 2008. The contractor conducted an asbestos survey, and roofing of the structures was managed by the demolition contractor as asbestos-containing material (ACM) and transported and disposed of off site. SeedAmerica Foundation then became insolvent and did not pay taxes to the Town of Clinton (the Town). In 2010, 172 Sterling Street, LLC, holder of a mortgage on the property, foreclosed on SeedAmerica. Snow Farm, LLC acquired the property on 15 April 2011 and transferred the property to Yu Hongli on 22 November 2011 [3].

After taking the property in 2018, and gaining access to the property, the Town of Clinton contracted an environmental firm to conduct an American Society for Testing and Materials (ASTM) Phase I/Phase II at the property. According to the Town and available sections of the report, ACM was not confirmed at the Site. In 2022, another asbestos survey was done where ACM was confirmed in one of six piles of debris that had previously been left on site, likely from the demolition of abandoned mill buildings at 172 Sterling Street [4].

More ACM material has been illegally dumped onto the Site since the Town took over the property, which has led the Town to install a fence around the pile to prevent further unauthorized access, exposure, and dumping.

In 2022, an asbestos survey conducted by a Town of Clinton environmental firm identified ACM in one of seven piles of debris on site (identified as “Pile 6”) at concentrations of asbestos up to 23%. The six non-ACM piles were moved off site to the Town’s landfill [4].

A site inspection with the Town of Clinton and Massachusetts Department of Environmental Protection (MassDEP) identified a smaller, approximately 10-cubic-yard pile of ACM that had been dumped, by an unknown party, onto the back side of Pile 6 and some ACM-containing debris outside of Pile 7’s former location. Pile 6 is believed to be the remains of demolished buildings from the abandoned mill complex at 182 Sterling Street; the pile has been present for many years

with medium-sized trees growing out of it. The remaining building slab and foundation at the Site may also have asbestos floor tiles remaining affixed to it in poor repair and open to the elements [5].

MassDEP is currently working with an asbestos contractor and the Town of Clinton to prepare a non-traditional work plan (NTWP) to remove and dispose of the smaller pile with the high concentrations of ACM. The small trees in Pile 6 were removed, and the pile was covered with plastic sheeting until it could be sampled by the EPA and transported off site. The illegally dumped small pile was also removed before the Site walk and sampling [5].

In the 2023-2024 winter season, the Site was used by the Town of Clinton to store excess snow from plowing activities during the winter months. The plowing activities pushed any remaining building materials into large mounds of snow, making them inaccessible until the snow melted. Once melted, the remaining debris was visible around the Site.

Sampling Activities

On 31 January 2024, START members Marina Kovalcin, Amy Klinger, and Christine Dupree mobilized to the Site. Upon arrival, START personnel met with EPA On-Scene Coordinators (OSCs) Sherry Banks, Abdine Ouedraogo, Emma Dixon, Tyler Evans, Carlyn McGowan, and Matthew Bosselait; MassDEP representative Mark Matys; and Town of Clinton Town Administrator, Michael Ward. All personnel discussed the sampling scenario for the Site, which consisted of debris sampling for asbestos analysis. START personnel noted that Pile 6 was covered and secured by tires, as well as surrounded by a fence. The building material not in the pile had been pushed into snow piles at the perimeter of the Site, as the Site was currently being utilized by the town for snow clearing overflow storage; therefore, the building material debris was inaccessible. In addition, different types of flooring were present on the Site as well, which the OSC identified as an area they would like sampled in addition to the pile.

START personnel conducted the tailgate safety meeting and discussed the slip, trip, and fall hazards, ACM, and debris/rubble sampling protocols. START personnel 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 Former Rockbestos Preliminary Assessment/Site Investigation, Clinton, MA*.

Following the completion of the safety briefing, START member Marina Kovalcin prepared the Ludlum Model 19A gamma radiation meter and the RAE Systems, Inc. MultiRAE multigas meter with oxygen (O₂), carbon monoxide (CO), hydrogen sulfide (H₂S), lower explosive limit (LEL), and volatile organic compound (VOC) sensors [6,7]. Readings on the two instruments were as follows: Ludlum Model 19A: 10-15 microRoentgens per hour (μR/hr); and MultiRAE: O₂ = 20.8%, CO = 0 parts per million (ppm), H₂S = 0 ppm, LEL = 0%, and VOC = 0 ppm.

START personnel prepared sampling equipment. EPA OSC Banks reviewed and signed the Sampling and Analysis Plan (SAP), entitled *Sampling and Analysis Plan for the Former Rockbestos Site, Clinton, Worcester County, Massachusetts* [8]. Sampling activities were performed in accordance with the Site SAP. START personnel collected a total of 15 bulk ACM samples including one duplicate. Four of the samples were collected from flooring material from

the southern portion of the site and 11 were collected from Pile 6 (see Appendix A, Figure 3 and Appendix B, Table 1) [9, 10].

START personnel photo-documented the Site, the sampled flooring material, and Pile 6 (see Appendix C, Photo-documentation Log). START member Kovalcin collected Global Positioning System (GPS) spatial location information for each sample [11].

START personnel conducted sample management activities. START member Kovalcin completed the Scribe database of the samples that was used to generate the chain-of-custody and the labels for the sample containers.

All samples were delivered and submitted to the EPA Laboratory Services and Applied Sciences Division (LSASD)/New England Regional Laboratory (NERL) for asbestos analysis.

Based on analytical results from the January 2024 sampling, additional sampling was requested by the OSC. The second round of sampling was requested due to sample locations that were inaccessible by snow cover during winter.

On 24 April 2024, START members Bonnie Mace, Tara LePage, and Christine Dupree mobilized to the Site. Upon arrival, START personnel met with EPA On-Scene Coordinator (OSC) Sherry Banks, MassDEP representative Mark Matys, Town of Clinton Administrator Michael Ward, and Town of Clinton Community and Economic Development Director Phil Duffy.

START personnel conducted the tailgate safety meeting and discussed the slip, trip, and fall hazards, ACM, and debris/waste pile sampling protocols.

Following the completion of the safety briefing, START member LePage prepared the RAE Systems, Inc. MultiRAE multigas meter with O₂, CO, H₂S, LEL, and VOC sensors [6, 7]. Readings on the instrument were as follows; and MultiRAE: O₂ = 20.9%, CO = 0 ppm, H₂S = 0 ppm, LEL = 0%, and VOC = 0 ppm.

START personnel prepared sampling equipment. EPA OSC Banks reviewed and signed the revised SAP, entitled *Sampling and Analysis Plan for the Former Rockbestos Site, Clinton, Worcester County, Massachusetts* [8]. Sampling activities were performed in accordance with the Site SAP. START personnel collected a total of 42 bulk ACM samples (including one duplicate sample) throughout the site (see Appendix A, Figure 3, and Appendix B, Table 1) [9, 10].

START personnel photo-documented the samples and their locations (see Appendix C, Photo-documentation Log). START member LePage collected GPS spatial location information for each sample [11].

START personnel conducted sample management activities. START member Mace completed the Scribe database of the samples that was used to generate the chain-of-custody and the labels for the sample containers.

All samples were delivered and submitted to the EPA LSASD/ NERL for asbestos analysis.

Analytical Data Summaries

On 20 February 2024, START received the analytical data results from LSASD for the January 2024 sampling. These data are summarized in Appendix B, Table 2, and included in Appendix D.

Analytical results of the bulk asbestos samples indicated that one sample (ACM-01) contained trace chrysotile asbestos, and none of the remaining samples contained asbestos above detection limits (see Appendix B, Table 2) [12].

On 23 May 2024, START received the analytical data results from LSASD for the April 2024 sampling. These data are summarized in Appendix B, Table 2, and included in Appendix D [13].

Analytical results of the bulk asbestos samples indicated that one sample (ACM-61) contained 3% chrysotile asbestos, and none of the remaining samples contained asbestos above detection limits. See Appendix A, Figure 4 and Appendix B, Table 2.

REFERENCES

- [1] US. Geological Survey. 2021. 7.5-minute topographic map, Clinton, Massachusetts.
- [2] Esri, i-cubed, USDA FSA, USGS, AEX, GeoEye, Getmapping, Aerogrid, IGP. 2019. ArcGIS.com World Imagery Map. April.
- [3] Town of Clinton. 2021. Site Assessment Services Data Summary Report, Clinton, MA. February.
- [4] Economic EnviroTechs Incorporated. 2022. Asbestos Identification Laboratory Analytical Results, Clinton, MA. February.
- [5] MassDevelopment and the Town of Clinton. 2023. Site Readiness Assessment, Clinton, MA. May.
- [6] Weston Solutions, July 2020. Standard Operating Procedure for the PID-MultiRAE Model PGM-50; SOP No. WSI/S4-018, Superfund Technical Assessment and Response Team (START), Billerica, Massachusetts.
- [7] Weston Solutions, Inc. July 2020. Standard Operating Procedure for Ludlum Model 19 Micro R Meter, SOP No. WSI/S5-022, Superfund Technical Assessment and Response Team (START), Billerica, Massachusetts.
- [8] Weston Solutions, Inc. 31 January 2024; revised March 2024. Sampling and Analysis Plan for the Former Rockbestos Site, Clinton, Worcester County, Massachusetts. Document Control No. R-50702.
- [9] Weston Solutions, Inc. July 2020. Standard Operating Procedure for Waste Pile Sampling, SOP No. WSI/S5-010, Superfund Technical Assessment and Response Team (START), Billerica, Massachusetts.
- [10] Weston Solutions, Inc. July 2020. Standard Operating Procedure for Asbestos Sampling, SOP No. WSI/S5-019, Superfund Technical Assessment and Response Team (START), Billerica, Massachusetts.
- [11] Weston Solutions, Inc. July 2020. Standard Operating Procedure for Trimble™ Global Positioning System (GPS), SOP No. WSI/S5-020, Superfund Technical Assessment and Response Team (START), Billerica, Massachusetts.
- [12] U.S. Environmental Protection Agency. 6 February 2024. Laboratory Services and Applied Sciences Division (LSASD). Laboratory Report. Project No. 23100001. Former Rockbestos Site, Clinton, Massachusetts - Bulk Asbestos Analysis by PLM.
- [13] U.S. Environmental Protection Agency. 22 May 2024. Laboratory Services and Applied Sciences Division (LSASD). Laboratory Report. Project No. 24040027. Former Rockbestos Site, Clinton, Massachusetts - Bulk Asbestos Analysis by PLM.

III. Appendices

Appendix A

Figures

- Figure 1 - Site Location Map
- Figure 2 - Site Diagram
- Figure 3 - January 2024 Sample Location Map
- Figure 4 - April 2024 Sample Location Map

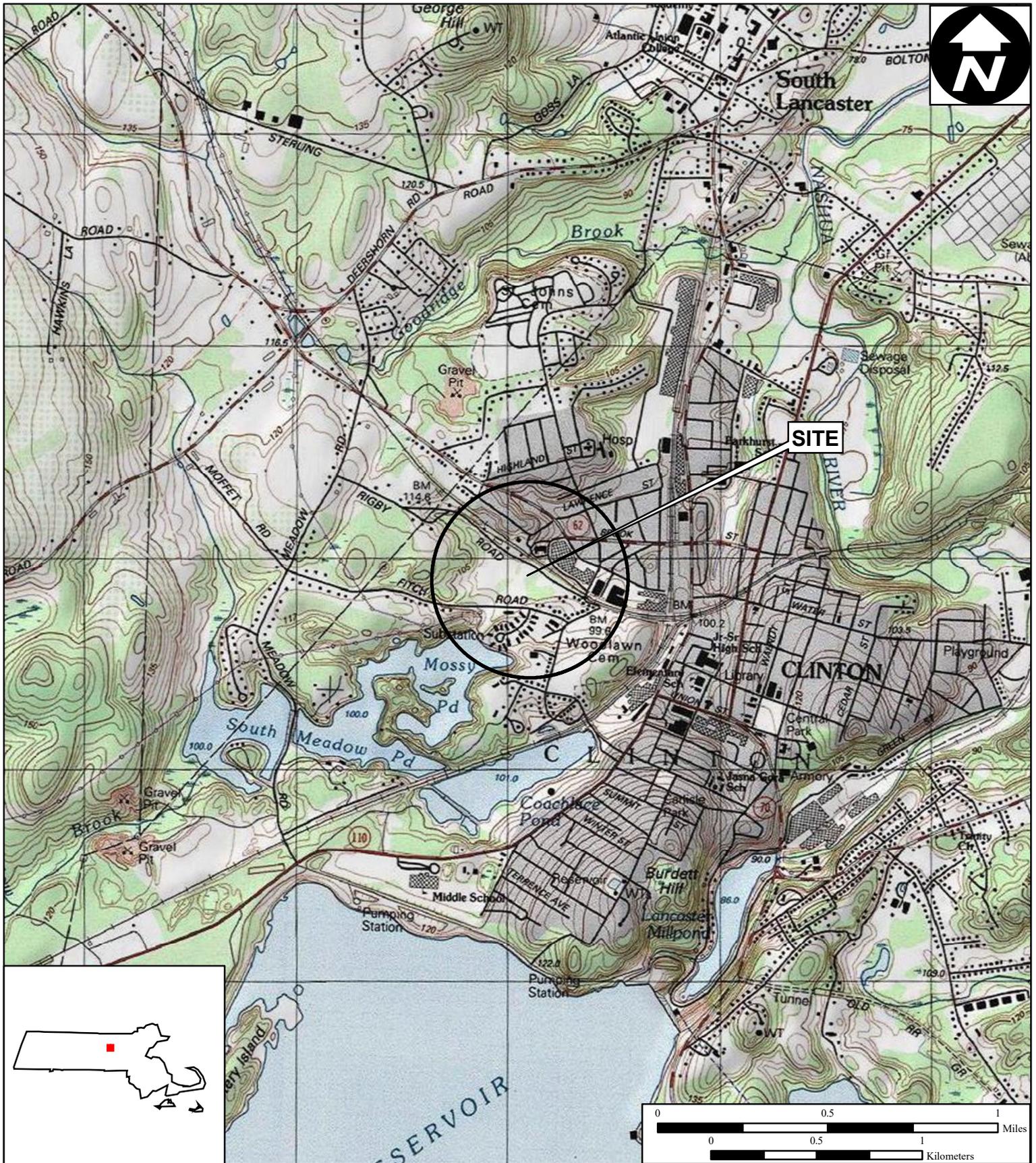


Figure 1

Site Location Map

**Former Rockbestos Site
172 Sterling Street
Clinton, Massachusetts**

**EPA Region I
Superfund Technical Assessment and
Response Team (START) V
Contract No. 68HE0120D0001**

AD Number: TOFP-01-23-10-0001
Created by: B. Mace
Created on: 15 November 2023
Modified by: B. Mace
Modified on: 15 November 2023

Data Sources:

Topos: MicroPath/USGS/USA Topo Maps
 Quadrangle Name: Clinton, MA
 All other data: START





Figure 2

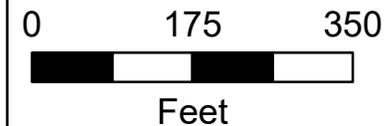
Site Diagram

**Former Rockbestos Site
172 Sterling Street
Clinton, Massachusetts**

**EPA Region I
Superfund Technical Assessment and
Response Team (START) V
Contract No. 68HE0120D0001
AD Number: TOFP-01-23-10-0001
Created by: B. Mace
Created on: 15 November 2023
Modified by: B. Mace
Modified on: 15 November 2023**

LEGEND

-  Parcel Boundary
-  Site Boundary



Data Sources:
Imagery: ESRI, i-cubed, USDA FSA, USGS
AEX, GeoEye, Getmapping, Aerogrid, IGP
Topos: USA TopoMaps
All other data: START



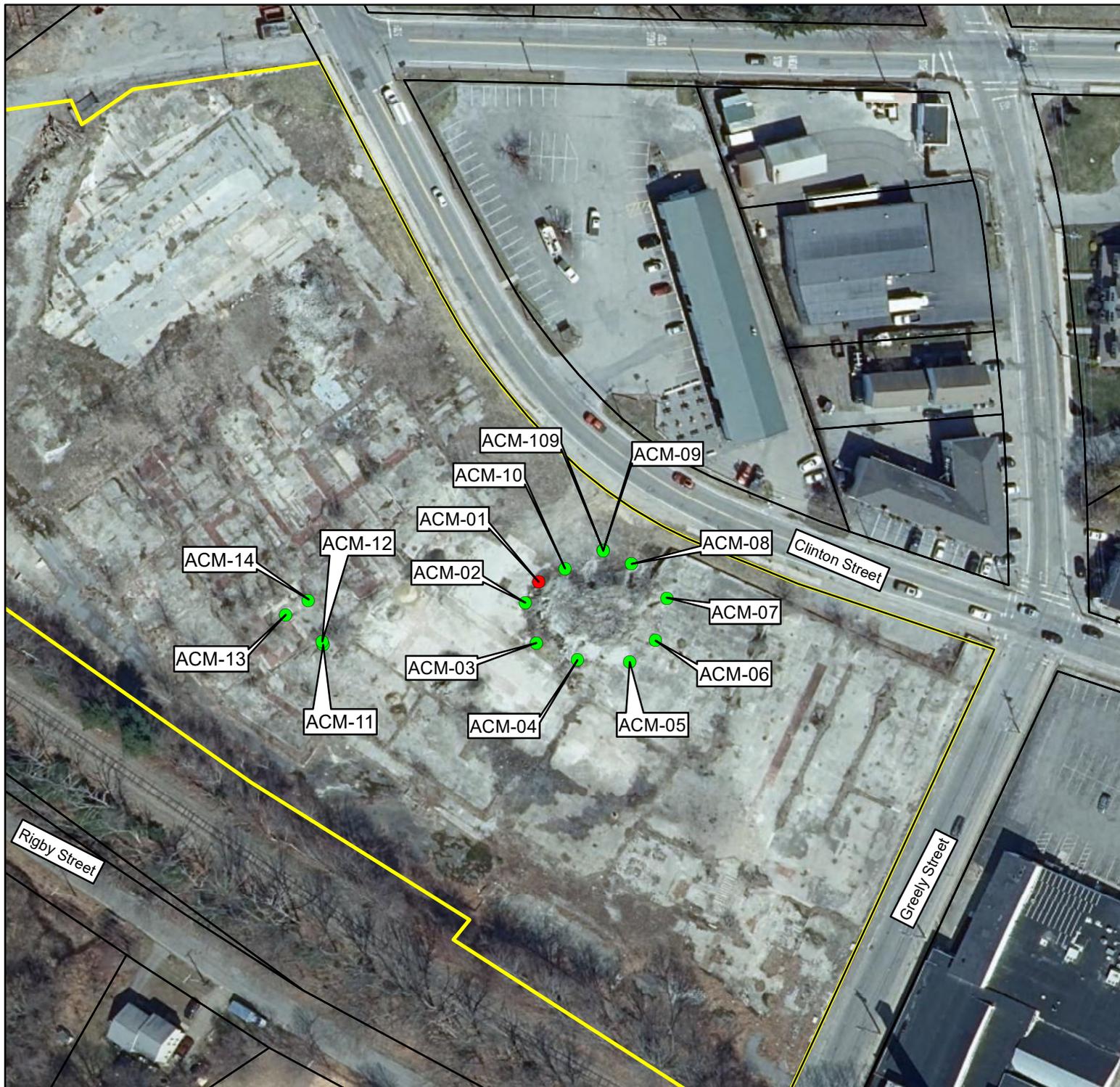


Figure 3
January 2024
Sample Location Map
Former Rockbestos Site
172 Sterling Street
Clinton, Massachusetts

EPA Region I
Superfund Technical Assessment and
Response Team (START) V
Contract No. 68HE0120D0001
AD Number: TOFP-01-23-10-0001
Created by: M. Kovalcin
Created on: 12 February 2024
Modified by: A. Klinger
Modified on: 10 June 2024

LEGEND

-  Parcel Boundary
-  Site Boundary
-  January 2024 Sampling Locations
-  January 2024 Sampling Location with ACM



0 100 200

 Feet

Data Sources:
 Imagery: ESRI, i-cubed, USDA FSA, USGS
 AEX, GeoEye, Getmapping, Aerogrid, IGP
 Topos: USA TopoMaps
 All other data: START



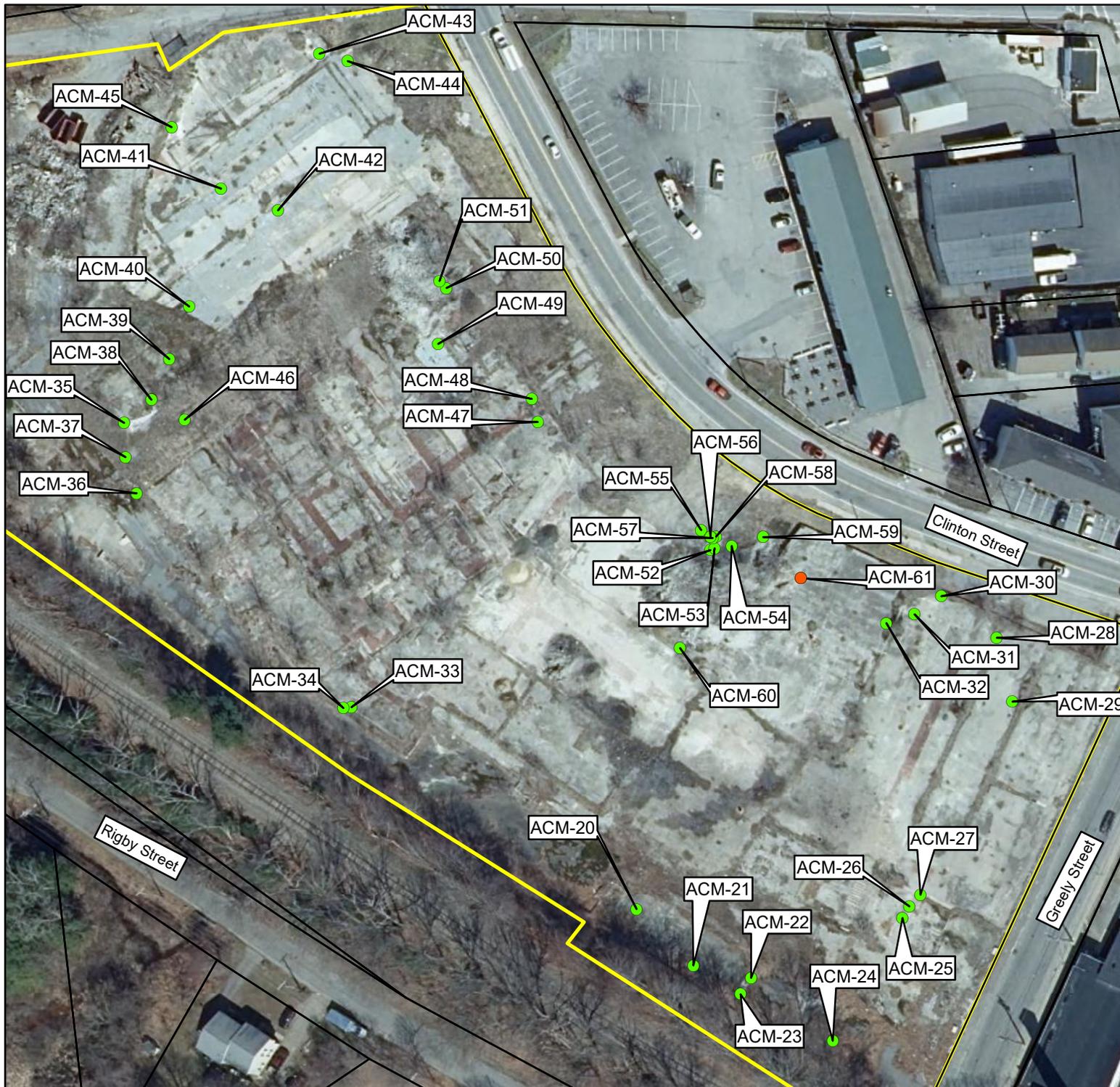


Figure 4
April 2024
Sample Location Map
Former Rockbestos Site
172 Sterling Street
Clinton, Massachusetts

EPA Region I
Superfund Technical Assessment and
Response Team (START) V
Contract No. 68HE0120D0001
AD Number: TOFP-01-23-10-0001
Created by: M. Kovalcin
Created on: 12 February 2024
Modified by: A. Klinger
Modified on: 10 June 2024

LEGEND

-  Parcel Boundary
-  Site Boundary
-  April 2024 Sampling Locations
-  April 2024 Sampling Location with ACM





0 90 180

Feet

Data Sources:
 Imagery: ESRI, i-cubed, USDA FSA, USGS
 AEX, GeoEye, Getmapping, Aerogrid, IGP
 Topos: USA TopoMaps
 All other data: START



Appendix B

Tables

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

TABLE 1

**BULK ASBESTOS SAMPLE DESCRIPTIONS
FORMER ROCKBESTOS SITE, CLINTON, MASSACHUSETTS
31 JANUARY 2024 AND 24 APRIL 2024**

Sample Number	Sample Location	Collection Date	Sample Time	Grab or Composite	Sample Type and Matrix	Sub Location	Comments
S50200MA-0001	ACM-01	1/31/2024	10:55	Grab	Bulk Debris	Pile 6	Auger sediment
S50200MA-0002	ACM-02	1/31/2024	11:00	Grab	Bulk Debris	Pile 6	Sediment
S50200MA-0003	ACM-03	1/31/2024	11:05	Grab	Bulk Debris	Pile 6	Sediment
S50200MA-0004	ACM-04	1/31/2024	11:10	Grab	Bulk Debris	Pile 6	Green tile
S50200MA-0005	ACM-05	1/31/2024	11:15	Grab	Bulk Debris	Pile 6	Black material
S50200MA-0006	ACM-06	1/31/2024	11:20	Grab	Bulk Debris	Pile 6	Red tile
S50200MA-0007	ACM-07	1/31/2024	11:25	Grab	Bulk Debris	Pile 6	Red flooring
S50200MA-0008	ACM-08	1/31/2024	11:30	Grab	Bulk Debris	Pile 6	Red tile
S50200MA-0009	ACM-09	1/31/2024	11:35	Grab	Bulk Debris	Pile 6	Tile
S50200MA-0010	ACM-10	1/31/2024	11:40	Grab	Bulk Debris	Pile 6	Metal
S50200MA-0011	ACM-11	1/31/2024	10:30	Grab	Bulk Debris	Flooring around the site	Black flooring
S50200MA-0012	ACM-12	1/31/2024	10:35	Grab	Bulk Debris	Flooring around the site	Mastic
S50200MA-0013	ACM-13	1/31/2024	10:40	Grab	Bulk Debris	Flooring around the site	Red flooring
S50200MA-0014	ACM-14	1/31/2024	10:45	Grab	Bulk Debris	Flooring around the site	Small tile mastic
S50200MA-0015	ACM-109	1/31/2024	11:35	Grab	Bulk Debris	Flooring around the site	Tile
S50200MA-0021	ACM-20	4/24/2024	10:20	Grab	Bulk Debris	Flooring around the site	White tile
S50200MA-0022	ACM-21	4/24/2024	10:22	Grab	Bulk Debris	Flooring around the site	White tile
S50200MA-0023	ACM-22	4/24/2024	10:24	Grab	Bulk Debris	Flooring around the site	Grey tile
S50200MA-0024	ACM-23	4/24/2024	10:26	Grab	Bulk Debris	Flooring around the site	Beige tile
S50200MA-0025	ACM-24	4/24/2024	10:28	Grab	Bulk Debris	Flooring around the site	Black rubber tile
S50200MA-0026	ACM-25	4/24/2024	10:30	Grab	Bulk Debris	Flooring around the site	Fibrous white material
S50200MA-0027	ACM-26	4/24/2024	10:32	Grab	Bulk Debris	Flooring around the site	Red flooring
S50200MA-0028	ACM-27	4/24/2024	10:34	Grab	Bulk Debris	Flooring around the site	Concrete
S50200MA-0029	ACM-28	4/24/2024	10:36	Grab	Bulk Debris	Flooring around the site	Black tile
S50200MA-0030	ACM-29	4/24/2024	10:38	Grab	Bulk Debris	Flooring around the site	Concrete skimcoat

TABLE 1

**BULK ASBESTOS SAMPLE DESCRIPTIONS
FORMER ROCKBESTOS SITE, CLINTON, MASSACHUSETTS
31 JANUARY 2024 AND 24 APRIL 2024**

Sample Number	Sample Location	Collection Date	Sample Time	Grab or Composite	Sample Type and Matrix	Sub Location	Comments
S50200MA-0031	ACM-30	4/24/2024	10:40	Grab	Bulk Debris	Flooring around the site	Black flooring
S50200MA-0032	ACM-31	4/24/2024	10:42	Grab	Bulk Debris	Flooring around the site	Grey flooring
S50200MA-0033	ACM-32	4/24/2024	10:44	Grab	Bulk Debris	Flooring around the site	Concrete skimcoat
S50200MA-0034	ACM-33	4/24/2024	10:46	Grab	Bulk Debris	Flooring around the site	Light grey resin, flooring material
S50200MA-0035	ACM-34	4/24/2024	10:48	Grab	Bulk Debris	Flooring around the site	Red fibrous sheeting
S50200MA-0036	ACM-35	4/24/2024	10:50	Grab	Bulk Debris	Flooring around the site	White fiber tile
S50200MA-0037	ACM-36	4/24/2024	10:52	Grab	Bulk Debris	Flooring around the site	White tile
S50200MA-0038	ACM-37	4/24/2024	10:54	Grab	Bulk Debris	Flooring around the site	Green tile
S50200MA-0039	ACM-38	4/24/2024	10:56	Grab	Bulk Debris	Flooring around the site	White stone tile
S50200MA-0040	ACM-39	4/24/2024	10:58	Grab	Bulk Debris	Flooring around the site	Grey concrete flooring
S50200MA-0041	ACM-40	4/24/2024	11:00	Grab	Bulk Debris	Flooring around the site	Grey concrete flooring
S50200MA-0042	ACM-41	4/24/2024	11:02	Grab	Bulk Debris	Flooring around the site	Grey concrete flooring
S50200MA-0043	ACM-42	4/24/2024	11:04	Grab	Bulk Debris	Flooring around the site	Grey concrete flooring
S50200MA-0044	ACM-43	4/24/2024	11:06	Grab	Bulk Debris	Flooring around the site	White tile
S50200MA-0045	ACM-44	4/24/2024	11:08	Grab	Bulk Debris	Flooring around the site	Grey concrete flooring
S50200MA-0046	ACM-45	4/24/2024	11:10	Grab	Bulk Debris	Flooring around the site	Grey concrete
S50200MA-0047	ACM-46	4/24/2024	11:12	Grab	Bulk Debris	Flooring around the site	Grey red flooring
S50200MA-0048	ACM-47	7/24/2006	11:14	Grab	Bulk Debris	Flooring around the site	White tile
S50200MA-0049	ACM-48	4/24/2024	11:16	Grab	Bulk Debris	Flooring around the site	White tile
S50200MA-0050	ACM-49	4/24/2024	11:18	Grab	Bulk Debris	Flooring around the site	Black tile
S50200MA-0051	ACM-50	4/24/2024	11:20	Grab	Bulk Debris	Flooring around the site	White fabric around possible light fixture
S50200MA-0052	ACM-51	4/24/2024	11:22	Grab	Bulk Debris	Flooring around the site	White tile
S50200MA-0053	ACM-52	4/24/2024	11:24	Grab	Bulk Debris	Northern opening of Pile 6	Grey tile, located in the opening on the north side of the debris pile
S50200MA-0054	ACM-53	4/24/2024	11:26	Grab	Bulk Debris	Northern opening of Pile 6	Green tile, located in the opening on the north side of the debris pile

TABLE 1**BULK ASBESTOS SAMPLE DESCRIPTIONS
FORMER ROCKBESTOS SITE, CLINTON, MASSACHUSETTS
31 JANUARY 2024 AND 24 APRIL 2024**

Sample Number	Sample Location	Collection Date	Sample Time	Grab or Composite	Sample Type and Matrix	Sub Location	Comments
S50200MA-0055	ACM-54	4/24/2024	11:30	Grab	Bulk Debris	Northern opening of Pile 6	Dark grey tile, located in the opening on the north side of the debris pile
S50200MA-0056	ACM-55	4/24/2024	11:32	Grab	Bulk Debris	Ground surface near Pile 6	Black tile, located on the ground surface near the debris pile
S50200MA-0057	ACM-56	4/24/2024	11:36	Grab	Bulk Debris	Ground surface near Pile 6	Green tile, located on the ground surface near the debris pile
S50200MA-0058	ACM-57	4/24/2024	11:38	Grab	Bulk Debris	Ground surface near Pile 6	Black tile sandwiching white tile together with adhesive, located on ground surface near the debris pile
S50200MA-0059	ACM-58	4/24/2024	11:40	Grab	Bulk Debris	Ground surface near Pile 6	White tile, bottom piece of the tiles sandwiched together, located on ground surface near debris pile
S50200MA-0060	ACM-59	4/24/2024	11:42	Grab	Bulk Debris	Ground surface near Pile 6	White tile, bottom piece of the tiles sandwiched together, located on ground surface near debris pile
S50200MA-0061	ACM-60	4/24/2024	11:46	Grab	Bulk Debris	Ground surface near Pile 6	White tile, located on ground surface near debris pile
S50200MA-0062	ACM-61	4/24/2024	11:50	Grab	Bulk Debris	Ground surface near Pile 6	White tile, located on ground surface near debris pile

TABLE 2

SUMMARY OF ASBESTOS-CONTAINING MATERIAL SAMPLE RESULTS
 FORMER ROCKBESTOS SITE
 CLINTON, MASSACHUSETTS
 % Volume

SAMPLE LOCATION	ACM-01	ACM-02	ACM-03	ACM-04	ACM-05	ACM-06	ACM-07	ACM-08
SAMPLE NUMBER	S50200MA-0001	S50200MA-0002	S50200MA-0003	S50200MA-0004	S50200MA-0005	S50200MA-0006	S50200MA-0007	S50200MA-0008
LABORATORY NUMBER	AC11235	AC11236	AC11237	AC11238	AC11239	AC11240	AC11241	AC11242
DATE SAMPLED	1/31/2024	1/31/2024	1/31/2024	1/31/2024	1/31/2024	1/31/2024	1/31/2024	1/31/2024
COMPOUND								
Actinolite	ND							
Amosite	ND							
Anthophyllite	ND							
Chrysotile	Trace	ND						
Crocidolite	ND							
Tremolite	ND							

SAMPLE LOCATION	ACM-09	ACM-109	ACM-10	ACM-11	ACM-12	ACM-13	ACM-14	
SAMPLE NUMBER	S50200MA-0009	S50200MA-0015	S50200MA-0010	S50200MA-0011	S50200MA-0012	S50200MA-0013	S50200MA-0014	
LABORATORY NUMBER	AC11243	AC11244	AC11245	AC11246	AC11247	AC11248	AC11249	
DATE SAMPLED	1/31/2024	1/31/2024	1/31/2024	1/31/2024	1/31/2024	1/31/2024	1/31/2024	
COMPOUND								
Actinolite	ND							
Amosite	ND							
Anthophyllite	ND							
Chrysotile	ND							
Crocidolite	ND							
Tremolite	ND							

NOTES:

- 1) Samples were analyzed by U.S. EPA Office of Environmental Measurement and Evaluation (OEME) New England Regional Laboratory (NERL) via Polarized Light Microscopy (PLM).
- 2) All quantities are estimated volume percent (%).
- 3) ND = Not Detected
- 4) Samples ACM-01 through ACM-14 collected January 2024; samples ACM-20 through ACM-61 collected April 2024.

TABLE 2

SUMMARY OF ASBESTOS-CONTAINING MATERIAL SAMPLE RESULTS
 FORMER ROCKBESTOS SITE
 CLINTON, MASSACHUSETTS
 % Volume

SAMPLE LOCATION	ACM-20	ACM-21	ACM-22	ACM-23	ACM-24	ACM-25	ACM-26	ACM-27
SAMPLE NUMBER	S50200MA-0021	S50200MA-0022	S50200MA-0023	S50200MA-0024	S50200MA-0025	S50200MA-0026	S50200MA-0027	S50200MA-0028
LABORATORY NUMBER	AC12441	AC12442	AC12443	AC12444	AC12445	AC12446	AC12447	AC12448
DATE SAMPLED	4/24/2024	4/24/2024	4/24/2024	4/24/2024	4/24/2024	4/24/2024	4/24/2024	4/24/2024
COMPOUND								
Actinolite	ND							
Amosite	ND							
Anthophyllite	ND							
Chrysotile	ND							
Crocidolite	ND							
Tremolite	ND							

SAMPLE LOCATION	ACM-28	ACM-29	ACM-30	ACM-31	ACM-32	ACM-33	ACM-34	ACM-35
SAMPLE NUMBER	S50200MA-0029	S50200MA-0030	S50200MA-0031	S50200MA-0032	S50200MA-0033	S50200MA-0034	S50200MA-0035	S50200MA-0036
LABORATORY NUMBER	AC12449	AC12450	AC12451	AC12452	AC12453	AC12454	AC12455	AC12456
DATE SAMPLED	4/24/2024	4/24/2024	4/24/2024	4/24/2024	4/24/2024	4/24/2024	4/24/2024	4/24/2024
COMPOUND								
Actinolite	ND							
Amosite	ND							
Anthophyllite	ND							
Chrysotile	ND							
Crocidolite	ND							
Tremolite	ND							

SAMPLE LOCATION	ACM-36	ACM-37	ACM-38	ACM-39	ACM-40	ACM-41	ACM-42	ACM-43
SAMPLE NUMBER	S50200MA-0037	S50200MA-0038	S50200MA-0039	S50200MA-0040	S50200MA-0041	S50200MA-0042	S50200MA-0043	S50200MA-0044
LABORATORY NUMBER	AC12457	AC12458	AC12459	AC12460	AC12461	AC12462	AC12463	AC12464
DATE SAMPLED	4/24/2024	4/24/2024	4/24/2024	4/24/2024	4/24/2024	4/24/2024	4/24/2024	4/24/2024
COMPOUND								
Actinolite	ND							
Amosite	ND							
Anthophyllite	ND							
Chrysotile	ND							
Crocidolite	ND							
Tremolite	ND							

NOTES:

- 1) Samples were analyzed by U.S. EPA Office of Environmental Measurement and Evaluation (OEME) New England Regional Laboratory (NERL) via Polarized Light Microscopy (PLM).
- 2) All quantities are estimated volume percent (%).
- 3) ND = Not Detected
- 4) Samples ACM-01 through ACM-14 collected January 2024; samples ACM-20 through ACM-61 collected April 2024.

TABLE 2

SUMMARY OF ASBESTOS-CONTAINING MATERIAL SAMPLE RESULTS
 FORMER ROCKBESTOS SITE
 CLINTON, MASSACHUSETTS
 % Volume

SAMPLE LOCATION	ACM-44	ACM-45	ACM-46	ACM-47	ACM-48	ACM-49	ACM-50	ACM-51
SAMPLE NUMBER	S50200MA-0045	S50200MA-0046	S50200MA-0047	S50200MA-0048	S50200MA-0049	S50200MA-0050	S50200MA-0051	S50200MA-0052
LABORATORY NUMBER	AC12465	AC12466	AC12467	AC12468	AC12469	AC12470	AC12471	AC12472
DATE SAMPLED	4/24/2024	4/24/2024	4/24/2024	4/24/2024	4/24/2024	4/24/2024	4/24/2024	4/24/2024
COMPOUND								
Actinolite	ND							
Amosite	ND							
Anthophyllite	ND							
Chrysotile	ND							
Crocidolite	ND							
Tremolite	ND							

SAMPLE LOCATION	ACM-52	ACM-53	ACM-54	ACM-55	ACM-56	ACM-57	ACM-58	ACM-59
SAMPLE NUMBER	S50200MA-0053	S50200MA-0054	S50200MA-0055	S50200MA-0056	S50200MA-0057	S50200MA-0058	S50200MA-0059	S50200MA-0060
LABORATORY NUMBER	AC12473	AC12474	AC12475	AC12476	AC12477	AC12478	AC12479	AC12480
DATE SAMPLED	4/24/2024	4/24/2024	4/24/2024	4/24/2024	4/24/2024	4/24/2024	4/24/2024	4/24/2024
COMPOUND								
Actinolite	ND							
Amosite	ND							
Anthophyllite	ND							
Chrysotile	ND							
Crocidolite	ND							
Tremolite	ND							

SAMPLE LOCATION	ACM-60	ACM-61
SAMPLE NUMBER	S50200MA-0061	S50200MA-0062
LABORATORY NUMBER	AC12480	AC12481
DATE SAMPLED	4/24/2024	4/24/2024
COMPOUND		
Actinolite	ND	ND
Amosite	ND	ND
Anthophyllite	ND	ND
Chrysotile	ND	3
Crocidolite	ND	ND
Tremolite	ND	ND

NOTES:

- 1) Samples were analyzed by U.S. EPA Office of Environmental Measurement and Evaluation (OEME) New England Regional Laboratory (NERL) via Polarized Light Microscopy (PLM).
- 2) All quantities are estimated volume percent (%).
- 3) ND = Not Detected
- 4) Samples ACM-01 through ACM-14 collected January 2024; samples ACM-20 through ACM-61 collected April 2024.

Appendix C

Photo-documentation Log

PHOTODOCUMENTATION LOG
Former Rockbestos Site • Clinton, Massachusetts



SCENE: View of the consolidated debris pile, “Pile 6”, as seen from the center of the Site. Pile 6 is fenced and covered with reinforced poly sheeting. Photograph taken facing east.

DATE: 31 January 2024

PHOTOGRAPHER: A. Klinger

TIME: 0910 hours

CAMERA: Apple iPhone 13



SCENE: View of sampling area with samples ACM-11 through ACM-14. Several types of flooring were observed in this location to the west of Pile 6. Photograph taken facing west.

DATE: 31 January 2024

PHOTOGRAPHER: A. Klinger

TIME: 0909 hours

CAMERA: Apple iPhone 13

PHOTODOCUMENTATION LOG
Former Rockbestos Site • Clinton, Massachusetts



SCENE: View of the potentially asbestos-containing material (ACM) collected as samples ACM-11 and ACM-12, with snow/debris pile to the right and Pile 6 to the left in the background. The photograph primarily indicates black flooring material collected as ACM-11. Gray mastic material was also collected. Photograph taken facing southwest.

DATE: 31 January 2024

TIME: 0932 hours

PHOTOGRAPHER: A. Klinger

CAMERA: Apple iPhone 13



SCENE: View of a pile of mixed snow and debris, containing potential ACM building materials, at the southern corner of the Site. Photograph taken facing southwest.

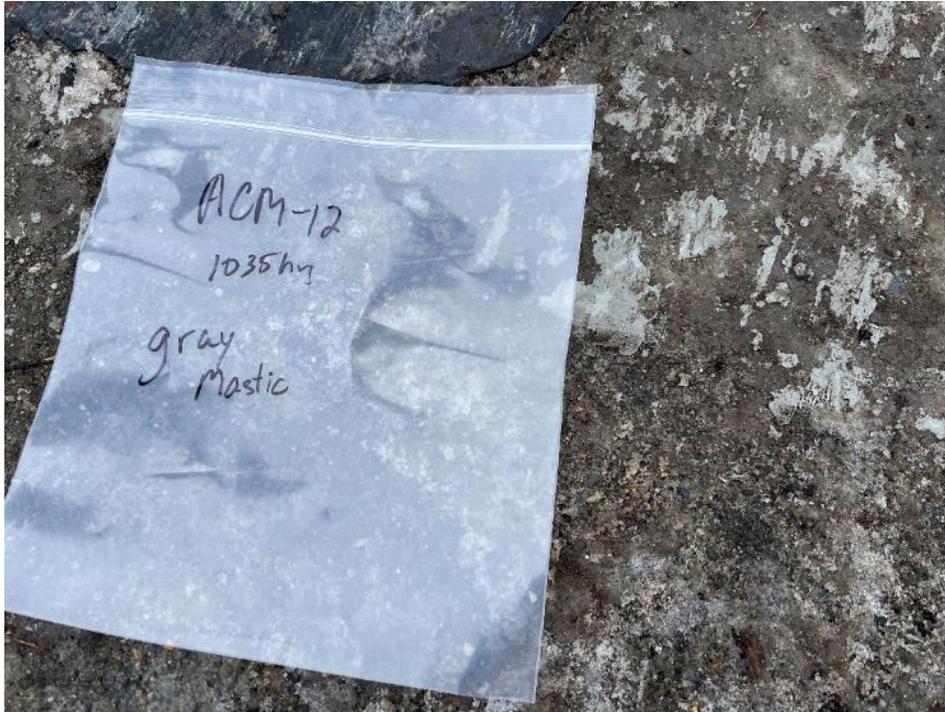
DATE: 31 January 2024

TIME: 0911 hours

PHOTOGRAPHER: A. Klinger

CAMERA: Apple iPhone 13

PHOTODOCUMENTATION LOG
Former Rockbestos Site • Clinton, Massachusetts



SCENE: View of the gray mastic material collected as sample ACM-12 and black flooring, collected as sample ACM-11.

DATE: 31 January 2024

PHOTOGRAPHER: M. Kovalcin

TIME: 1041 hours

CAMERA: Apple iPhone 13



SCENE: View of the red flooring material collected as sample ACM-13.

DATE: 31 January 2024

PHOTOGRAPHER: M. Kovalcin

TIME: 1041 hours

CAMERA: Apple iPhone 13

PHOTODOCUMENTATION LOG
Former Rockbestos Site • Clinton, Massachusetts



SCENE: View of the black and white tiles collected as sample ACM-14.

DATE: 31 January 2024

PHOTOGRAPHER: M. Kovalcin

TIME: 1043 hours

CAMERA: Apple iPhone 13



SCENE: View of the beige tile collected as sample ACM-23, during the second sampling event.

DATE: 24 April 2024

PHOTOGRAPHER: C. Dupree

TIME: 1033 hours

CAMERA: Apple iPhone 13

PHOTODOCUMENTATION LOG
Former Rockbestos Site • Clinton, Massachusetts



SCENE: View of the light gray resin flooring material collected as sample ACM-33.

DATE: 24 April 2024

PHOTOGRAPHER: C. Dupree

TIME: 1053 hours

CAMERA: Apple iPhone 13



SCENE: View of the white tile collected as sample ACM-43.

DATE: 24 April 2024

PHOTOGRAPHER: C. Dupree

TIME: 1108 hours

CAMERA: Apple iPhone 13

PHOTODOCUMENTATION LOG
Former Rockbestos Site • Clinton, Massachusetts



SCENE: View of the white tile collected as sample ACM-48.

DATE: 24 April 2024

PHOTOGRAPHER: C. Dupree

TIME: 1134 hours

CAMERA: Apple iPhone 13



SCENE: View of the sampling area on the eastern side of the Site. Photograph taken facing south.

DATE: 24 April 2024

PHOTOGRAPHER: C. Dupree

TIME: 1306 hours

CAMERA: Apple iPhone 13

PHOTODOCUMENTATION LOG
Former Rockbestos Site • Clinton, Massachusetts



SCENE: View of black and white tiles sandwiched together, collected as samples ACM-57, ACM-58, and ACM-59.

DATE: 24 April 2024

TIME: 1310 hours

PHOTOGRAPHER: C. Dupree

CAMERA: Apple iPhone 13



SCENE: View of Pile 6 on site with sample location ACM-58 indicated by the flag. Photograph taken facing northwest.

DATE: 24 April 2024

TIME: 1312 hours

PHOTOGRAPHER: C. Dupree

CAMERA: Apple iPhone 13

Appendix D

Analytical Data and Chain-of-Custody Records

Laboratory Report

February 06, 2024

Abdine Ouedraogo

Project Number: 24020001

Project: Former Rockbestos Site - Clinton, 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: 02/01/2024

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,

DANIEL
BOUDREAU

Digitally signed by
DANIEL BOUDREAU
Date: 2024.02.06
14:37:19 -05'00'

24020001\$ASBES

Former Rockbestos Site - Clinton, MA

Bulk Asbestos Analysis by PLM

Client Sample ID: S50200MA-0001
 Date of Collection: 1/31/2024
 Date of Extraction: 2/5/24
 Date of Analysis: 2/5/24

Lab Sample ID: AC11235
 Matrix: Soil/Debris

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

Comments: Trace Chrysotile present, much less than 1%.

One small fiber bundle.

Client Sample ID: S50200MA-0002
 Date of Collection: 1/31/2024
 Date of Extraction: 2/5/24
 Date of Analysis: 2/5/24

Lab Sample ID: AC11236
 Matrix: Soil/Debris

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:

Former Rockbestos Site - Clinton, MA

Bulk Asbestos Analysis by PLM

Client Sample ID: S50200MA-0003
 Date of Collection: 1/31/2024
 Date of Extraction: 2/5/24
 Date of Analysis: 2/5/24

Lab Sample ID: AC11237
 Matrix: Soil/Debris

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: S50200MA-0004
 Date of Collection: 1/31/2024
 Date of Extraction: 2/5/24
 Date of Analysis: 2/5/24

Lab Sample ID: AC11238
 Matrix: Soil/Debris

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:

Former Rockbestos Site - Clinton, MA

Bulk Asbestos Analysis by PLM

Client Sample ID: S50200MA-0005
 Date of Collection: 1/31/2024
 Date of Extraction: 2/5/24
 Date of Analysis: 2/5/24

Lab Sample ID: AC11239
 Matrix: Soil/Debris

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: S50200MA-0006
 Date of Collection: 1/31/2024
 Date of Extraction: 2/5/24
 Date of Analysis: 2/5/24

Lab Sample ID: AC11240
 Matrix: Soil/Debris

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:

Former Rockbestos Site - Clinton, MA

Bulk Asbestos Analysis by PLM

Client Sample ID: S50200MA-0007
 Date of Collection: 1/31/2024
 Date of Extraction: 2/6/24
 Date of Analysis: 2/6/24

Lab Sample ID: AC11241
 Matrix: Soil/Debris

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: S50200MA-0008
 Date of Collection: 1/31/2024
 Date of Extraction: 2/6/24
 Date of Analysis: 2/6/24

Lab Sample ID: AC11242
 Matrix: Soil/Debris

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:

Former Rockbestos Site - Clinton, MA

Bulk Asbestos Analysis by PLM

Client Sample ID: S50200MA-0009
 Date of Collection: 1/31/2024
 Date of Extraction: 2/6/24
 Date of Analysis: 2/6/24

Lab Sample ID: AC11243
 Matrix: Soil/Debris

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: S50200MA-0010
 Date of Collection: 1/31/2024
 Date of Extraction: 2/6/24
 Date of Analysis: 2/6/24

Lab Sample ID: AC11244
 Matrix: Soil/Debris

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:

Former Rockbestos Site - Clinton, MA

Bulk Asbestos Analysis by PLM

Client Sample ID: S50200MA-0011
Date of Collection: 1/31/2024
Date of Extraction: 2/6/24
Date of Analysis: 2/6/24

Lab Sample ID: AC11245
Matrix: Soil/Debris

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: S50200MA-0012
Date of Collection: 1/31/2024
Date of Extraction: 2/6/24
Date of Analysis: 2/6/24

Lab Sample ID: AC11246
Matrix: Soil/Debris

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:

Former Rockbestos Site - Clinton, MA

Bulk Asbestos Analysis by PLM

Client Sample ID: S50200MA-0013
 Date of Collection: 1/31/2024
 Date of Extraction: 2/6/24
 Date of Analysis: 2/6/24

Lab Sample ID: AC11247
 Matrix: Soil/Debris

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: S50200MA-0014
 Date of Collection: 1/31/2024
 Date of Extraction: 2/6/24
 Date of Analysis: 2/6/24

Lab Sample ID: AC11248
 Matrix: Soil/Debris

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:

Former Rockbestos Site - Clinton, MA

Bulk Asbestos Analysis by PLM

Client Sample ID: S50200MA-0015
Date of Collection: 1/31/2024
Date of Extraction: 2/6/24
Date of Analysis: 2/6/24

Lab Sample ID: AC11249
Matrix: Soil/Debris

<u>CAS Number</u>	<u>Compound</u>	<u>Concentration</u> <u>%</u>	<u>RL</u> <u>%</u>	<u>Qualifier</u>
	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:

PN: 24020001

USEPA

Date Shipped: 2/1/2024
 Carrier Name: Handheld
 Airbill No:

CHAIN OF CUSTODY RECORD

Former Rockbestos Site/MA
 Contact Name: Sherry Banks
 Contact Phone: 6176805547

No: MA23100001-001

Cooler #:
 Lab: NERL
 Lab Phone:

Lab #	Sample #	Location	Sub Location	Analyses	Matrix	Sample Date	Sample Time	Numb Cont	Container	Preservative	Lab QC
	S50200MA-0001	ACM-01	Pile 6	Asbestos	Soil/Debris	1/31/2024	10:55	1	Poly Bag	4 C	N
	S50200MA-0002	ACM-02	Pile 6	Asbestos	Soil/Debris	1/31/2024	11:00	1	Poly Bag	4 C	N
	S50200MA-0003	ACM-03	Pile 6	Asbestos	Soil/Debris	1/31/2024	11:05	1	Poly Bag	4 C	N
	S50200MA-0004	ACM-04	Pile 6	Asbestos	Soil/Debris	1/31/2024	11:10	1	Poly Bag	4 C	N
	S50200MA-0005	ACM-05	Pile 6	Asbestos	Soil/Debris	1/31/2024	11:15	1	Poly Bag	4 C	N
	S50200MA-0006	ACM-06	Pile 6	Asbestos	Soil/Debris	1/31/2024	11:20	1	Poly Bag	4 C	N
	S50200MA-0007	ACM-07	Pile 6	Asbestos	Soil/Debris	1/31/2024	11:25	1	Poly Bag	4 C	N
	S50200MA-0008	ACM-08	Pile 6	Asbestos	Soil/Debris	1/31/2024	11:30	1	Poly Bag	4 C	N
	S50200MA-0009	ACM-09	Pile 6	Asbestos	Soil/Debris	1/31/2024	11:35	1	Poly Bag	4 C	N
	S50200MA-0010	ACM-10	Pile 6	Asbestos	Soil/Debris	1/31/2024	11:40	1	Poly Bag	4 C	N
	S50200MA-0011	ACM-11	Flooring	Asbestos	Soil/Debris	1/31/2024	10:30	1	Poly Bag	4 C	N
	S50200MA-0012	ACM-12	Flooring	Asbestos	Soil/Debris	1/31/2024	10:35	1	Poly Bag	4 C	N
	S50200MA-0013	ACM-13	Flooring	Asbestos	Soil/Debris	1/31/2024	10:40	1	Poly Bag	4 C	N
	S50200MA-0014	ACM-14	Flooring	Asbestos	Soil/Debris	1/31/2024	10:45	1	Poly Bag	4 C	N
	S50200MA-0015	ACM-109	Pile 6	Asbestos	Soil/Debris	1/31/2024	11:35	1	Poly Bag	4 C	N

Special Instructions: Please send results to OSC Sherry Banks and OSC Abdine Ouedraogo.	SAMPLES TRANSFERRED FROM CHAIN OF CUSTODY #
---	--

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
	<i>N. R. Weston</i>	2/1/2024 10:00	<i>Laura Howard (ESAT)</i>	2/1/24 10:00	

**US EPA REGION 1
SAMPLE RECEIPT CHECKLIST**

PROJ #: 24020001	RECEIPT DATE: 02/01/24
SURVEY NAME: Former Rockbestos Site LOCATION: Clinton, MA	REC'D BY: Laura Glowacki (ESAT)
OSC/PO: Abdlne Onedrago, Sherry Banks	SITE ID: 01TC SUPERFUND: Y

WERE SAMPLES SHIPPED?		COMMENTS: Soil/Debris samples
TRACKING #: DATE/SENT:		15 \$ASBES
NO. <input checked="" type="checkbox"/> Hand Delivered		
COOLER TEMPERATURE UPON ARRIVAL °C / NA		
CHAIN OF CUSTODY PRESENT? <input checked="" type="checkbox"/>	Y	
COMPLETE? <input checked="" type="checkbox"/>	Y	
CUSTODY SEALS PRESENT ON COOLER? <input checked="" type="checkbox"/>	N	
SAMPLES? <input checked="" type="checkbox"/>	N	
WERE SAMPLE CONTAINERS INTACT? <input checked="" type="checkbox"/>	Y	
WAS SAMPLE PRESERVATION DOCUMENTED? COC <input checked="" type="checkbox"/> Sample Container		
APPROPRIATE SAMPLES VOLUME FOR REQUESTED ANALYSIS? <input checked="" type="checkbox"/>	Y	
SAMPLES AND COC MATCH? <input checked="" type="checkbox"/>	Y	
IF ANY PROBLEMS WAS PROJECT MANAGER NOTIFIED? BY WHOM? NA		
APPROPRIATE SAMPLE CONTAINERS? <input checked="" type="checkbox"/>	Y	
SAMPLES WITHIN HOLDING TIMES? <input checked="" type="checkbox"/>	Y	
ALL ANALYSIS SPECIFIED ON COC? <input checked="" type="checkbox"/>	Y	
DATE/TIME OF COLLECTION ON COC <input checked="" type="checkbox"/>	Y	
TURN-AROUND TIME: 4 weeks		



Laboratory Report

May 22, 2024

Abdine Ouedraogo
US EPA New England

Project Number: 24040027
Project: Former Rockbestos Site - Clinton, MA
Analysis: Bulk Asbestos Analysis by PLM
Analyst: Dan Boudreau

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: 04/25/2024

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,

The asbestos content of floor tiles varies greatly. Studies of 200 tiles done by Hector S. MacDonald and John Bedore of the Brookfield Academy never found a tile with greater than 28% asbestos. Peter Cooke of the McCrone Research Institute states that the asbestos content of floor tiles was typically 12%. Components of the floor tiles make analysis by PLM with dispersion staining difficult. Plasma ashing and solvent extraction are techniques employed to remove this interference. Asbestos levels of ~1% are likely to be from mineral contamination. Using this method it is difficult to determine low levels of asbestos and negative results should be considered inconclusive.

Former Rockbestos Site - Clinton, MA

Bulk Asbestos Analysis by PLM

Client Sample ID: S50200MA-0021
 Date of Collection: 4/24/2024
 Date of Extraction: 5/20/24
 Date of Analysis: 5/20/24
 NA grams

Lab Sample ID: AC12441
 Matrix: Debris
 NA mL

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: No visible fibers.

Client Sample ID: S50200MA-0022
 Date of Collection: 4/24/2024
 Date of Extraction: 5/20/24
 Date of Analysis: 5/20/24
 NA grams

Lab Sample ID: AC12442
 Matrix: Debris
 NA mL

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: No visible fibers.

Former Rockbestos Site - Clinton, MA

Laboratory Blank for Bulk Asbestos

Client Sample ID:	N/A	Lab Sample ID:	N/A
Date of Collection:	N/A	Matrix	Debris
Date of Extraction:	5/20/24		NA mL
Date of Analysis:	5/20/24		
	NA grams		

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: RTI #16 used to check PLM alignment

Client Sample ID:	S50200MA-0023	Lab Sample ID:	AC12443
Date of Collection:	4/24/2024	Matrix	Debris
Date of Extraction:	5/20/24		NA mL
Date of Analysis:	5/20/24		
	NA grams		

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: No visible fibers.

Former Rockbestos Site - Clinton, MA

Bulk Asbestos Analysis by PLM

Client Sample ID: S50200MA-0024
 Date of Collection: 4/24/2024
 Date of Extraction: 5/20/24
 Date of Analysis: 5/20/24
 NA grams

Lab Sample ID: AC12444
 Matrix: Debris
 NA mL

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: No visible fibers.

Client Sample ID: S50200MA-0025
 Date of Collection: 4/24/2024
 Date of Extraction: 5/20/24
 Date of Analysis: 5/20/24
 NA grams

Lab Sample ID: AC12445
 Matrix: Debris
 NA mL

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: No visible fibers.

Former Rockbestos Site - Clinton, MA

Bulk Asbestos Analysis by PLM

Client Sample ID: S50200MA-0026
 Date of Collection: 4/24/2024
 Date of Extraction: 5/20/24
 Date of Analysis: 5/20/24
 NA grams

Lab Sample ID: AC12446
 Matrix: Debris
 NA mL

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: Fiberglass and cellulose fibers.

Client Sample ID: S50200MA-0027
 Date of Collection: 4/24/2024
 Date of Extraction: 5/20/24
 Date of Analysis: 5/20/24
 NA grams

Lab Sample ID: AC12447
 Matrix: Debris
 NA mL

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: No visible fibers.

Former Rockbestos Site - Clinton, MA

Bulk Asbestos Analysis by PLM

Client Sample ID: S50200MA-0028
 Date of Collection: 4/24/2024
 Date of Extraction: 5/20/24
 Date of Analysis: 5/20/24
 NA grams

Lab Sample ID: AC12448
 Matrix: Debris
 NA mL

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: No visible fibers.

Client Sample ID: S50200MA-0029
 Date of Collection: 4/24/2024
 Date of Extraction: 5/21/24
 Date of Analysis: 5/21/24
 NA grams

Lab Sample ID: AC12449
 Matrix: Debris
 NA mL

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: No visible fibers.

Former Rockbestos Site - Clinton, MA

Laboratory Blank for Bulk Asbestos

Client Sample ID:	N/A	Lab Sample ID:	N/A
Date of Collection:	N/A	Matrix	Debris
Date of Extraction:	5/21/24		NA mL
Date of Analysis:	5/21/24		
	NA grams		

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: RTI #166 used to verify PLM alignment

Client Sample ID:	S50200MA-0030	Lab Sample ID:	AC12450
Date of Collection:	4/24/2024	Matrix	Debris
Date of Extraction:	5/21/24		NA mL
Date of Analysis:	5/21/24		
	NA grams		

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: No visible fibers.

Former Rockbestos Site - Clinton, MA

Bulk Asbestos Analysis by PLM

Client Sample ID: S50200MA-0031
 Date of Collection: 4/24/2024
 Date of Extraction: 5/21/24
 Date of Analysis: 5/21/24
 NA grams

Lab Sample ID: AC12451
 Matrix: Debris
 NA mL

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: Fiberglass and cellulose fibers

Client Sample ID: S50200MA-0032
 Date of Collection: 4/24/2024
 Date of Extraction: 5/21/24
 Date of Analysis: 5/21/24
 NA grams

Lab Sample ID: AC12452
 Matrix: Debris
 NA mL

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: No visible fibers.

Former Rockbestos Site - Clinton, MA

Bulk Asbestos Analysis by PLM

Client Sample ID: S50200MA-0033
 Date of Collection: 4/24/2024
 Date of Extraction: 5/21/24
 Date of Analysis: 5/21/24
 NA grams

Lab Sample ID: AC12453
 Matrix: Debris
 NA mL

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: Cellulose fibers

Client Sample ID: S50200MA-0034
 Date of Collection: 4/24/2024
 Date of Extraction: 5/21/24
 Date of Analysis: 5/21/24
 NA grams

Lab Sample ID: AC12454
 Matrix: Debris
 NA mL

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: No visible fibers.

Former Rockbestos Site - Clinton, MA

Bulk Asbestos Analysis by PLM

Client Sample ID: S50200MA-0035
 Date of Collection: 4/24/2024
 Date of Extraction: 5/21/24
 Date of Analysis: 5/21/24
 NA grams

Lab Sample ID: AC12455
 Matrix: Debris
 NA mL

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: Fiberglass fibers

Client Sample ID: S50200MA-0036
 Date of Collection: 4/24/2024
 Date of Extraction: 5/21/24
 Date of Analysis: 5/21/24
 NA grams

Lab Sample ID: AC12456
 Matrix: Debris
 NA mL

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: Fiberglass fibers

Former Rockbestos Site - Clinton, MA

Bulk Asbestos Analysis by PLM

Client Sample ID: S50200MA-0037
 Date of Collection: 4/24/2024
 Date of Extraction: 5/21/24
 Date of Analysis: 5/21/24
 NA grams

Lab Sample ID: AC12457
 Matrix: Debris
 NA mL

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: Fiberglass fibers

Client Sample ID: S50200MA-0038
 Date of Collection: 4/24/2024
 Date of Extraction: 5/21/24
 Date of Analysis: 5/21/24
 NA grams

Lab Sample ID: AC12458
 Matrix: Debris
 NA mL

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: No visible fibers.

Former Rockbestos Site - Clinton, MA

Bulk Asbestos Analysis by PLM

Client Sample ID: S50200MA-0039
 Date of Collection: 4/24/2024
 Date of Extraction: 5/21/24
 Date of Analysis: 5/21/24
 NA grams

Lab Sample ID: AC12459
 Matrix: Debris
 NA mL

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: No visible fibers.

Client Sample ID: S50200MA-0040
 Date of Collection: 4/24/2024
 Date of Extraction: 5/21/24
 Date of Analysis: 5/21/24
 NA grams

Lab Sample ID: AC12460
 Matrix: Debris
 NA mL

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: No visible fibers.

Former Rockbestos Site - Clinton, MA

Bulk Asbestos Analysis by PLM

Client Sample ID: S50200MA-0041
 Date of Collection: 4/24/2024
 Date of Extraction: 5/21/24
 Date of Analysis: 5/21/24
 NA grams

Lab Sample ID: AC12461
 Matrix: Debris
 NA mL

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: No visible fibers.

Client Sample ID: S50200MA-0042
 Date of Collection: 4/24/2024
 Date of Extraction: 5/21/24
 Date of Analysis: 5/21/24
 NA grams

Lab Sample ID: AC12462
 Matrix: Debris
 NA mL

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: No visible fibers.

Former Rockbestos Site - Clinton, MA

Bulk Asbestos Analysis by PLM

Client Sample ID: S50200MA-0043
 Date of Collection: 4/24/2024
 Date of Extraction: 5/21/24
 Date of Analysis: 5/21/24
 NA grams

Lab Sample ID: AC12463
 Matrix: Debris
 NA mL

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: No visible fibers.

Client Sample ID: S50200MA-0044
 Date of Collection: 4/24/2024
 Date of Extraction: 5/22/24
 Date of Analysis: 5/22/24
 NA grams

Lab Sample ID: AC12464
 Matrix: Debris
 NA mL

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: No visible fibers.

Former Rockbestos Site - Clinton, MA

Laboratory Blank for Bulk Asbestos

Client Sample ID:	N/A	Lab Sample ID:	N/A
Date of Collection:	N/A	Matrix	Debris
Date of Extraction:	5/22/24		NA mL
Date of Analysis:	5/22/24		
	NA grams		

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: RTI #16 to verify alignment of PLM

Client Sample ID:	S50200MA-0045	Lab Sample ID:	AC12465
Date of Collection:	4/24/2024	Matrix	Debris
Date of Extraction:	5/22/24		NA mL
Date of Analysis:	5/22/24		
	NA grams		

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: No visible fibers.

Former Rockbestos Site - Clinton, MA

Bulk Asbestos Analysis by PLM

Client Sample ID: S50200MA-0046
 Date of Collection: 4/24/2024
 Date of Extraction: 5/22/24
 Date of Analysis: 5/22/24
 NA grams

Lab Sample ID: AC12466
 Matrix: Debris
 NA mL

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: No visible fibers.

Client Sample ID: S50200MA-0047
 Date of Collection: 4/24/2024
 Date of Extraction: 5/22/24
 Date of Analysis: 5/22/24
 NA grams

Lab Sample ID: AC12467
 Matrix: Debris
 NA mL

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: No visible fibers.

Former Rockbestos Site - Clinton, MA

Bulk Asbestos Analysis by PLM

Client Sample ID: S50200MA-0048
 Date of Collection: 4/24/2024
 Date of Extraction: 5/22/24
 Date of Analysis: 5/22/24
 NA grams

Lab Sample ID: AC12468
 Matrix: Debris
 NA mL

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: No visible fibers.

Client Sample ID: S50200MA-0049
 Date of Collection: 4/24/2024
 Date of Extraction: 5/22/24
 Date of Analysis: 5/22/24
 NA grams

Lab Sample ID: AC12469
 Matrix: Debris
 NA mL

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: No visible fibers.

Former Rockbestos Site - Clinton, MA

Bulk Asbestos Analysis by PLM

Client Sample ID: S50200MA-0050
 Date of Collection: 4/24/2024
 Date of Extraction: 5/22/24
 Date of Analysis: 5/22/24
 NA grams

Lab Sample ID: AC12470
 Matrix: Debris
 NA mL

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: No visible fibers.

Client Sample ID: S50200MA-0051
 Date of Collection: 4/24/2024
 Date of Extraction: 5/22/24
 Date of Analysis: 5/22/24
 NA grams

Lab Sample ID: AC12471
 Matrix: Debris
 NA mL

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: Fiberglass fibers

Former Rockbestos Site - Clinton, MA

Bulk Asbestos Analysis by PLM

Client Sample ID: S50200MA-0052
 Date of Collection: 4/24/2024
 Date of Extraction: 5/22/24
 Date of Analysis: 5/22/24
 NA grams

Lab Sample ID: AC12472
 Matrix: Debris
 NA mL

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: No visible fibers.

Client Sample ID: S50200MA-0053
 Date of Collection: 4/24/2024
 Date of Extraction: 5/22/24
 Date of Analysis: 5/22/24
 NA grams

Lab Sample ID: AC12473
 Matrix: Debris
 NA mL

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: No visible fibers.

Former Rockbestos Site - Clinton, MA

Bulk Asbestos Analysis by PLM

Client Sample ID: S50200MA-0054
 Date of Collection: 4/24/2024
 Date of Extraction: 5/22/24
 Date of Analysis: 5/22/24
 NA grams

Lab Sample ID: AC12474
 Matrix: Debris
 NA mL

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: No visible fibers.

Client Sample ID: S50200MA-0055
 Date of Collection: 4/24/2024
 Date of Extraction: 5/22/24
 Date of Analysis: 5/22/24
 NA grams

Lab Sample ID: AC12475
 Matrix: Debris
 NA mL

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: No visible fibers.

Former Rockbestos Site - Clinton, MA

Bulk Asbestos Analysis by PLM

Client Sample ID: S50200MA-0056
 Date of Collection: 4/24/2024
 Date of Extraction: 5/22/24
 Date of Analysis: 5/22/24
 NA grams

Lab Sample ID: AC12476
 Matrix: Debris
 NA mL

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: No visible fibers.

Client Sample ID: S50200MA-0057
 Date of Collection: 4/24/2024
 Date of Extraction: 5/22/24
 Date of Analysis: 5/22/24
 NA grams

Lab Sample ID: AC12477
 Matrix: Debris
 NA mL

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: No visible fibers.

Former Rockbestos Site - Clinton, MA

Bulk Asbestos Analysis by PLM

Client Sample ID: S50200MA-0058
 Date of Collection: 4/24/2024
 Date of Extraction: 5/22/24
 Date of Analysis: 5/22/24
 NA grams

Lab Sample ID: AC12478
 Matrix: Debris
 NA mL

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: No visible fibers.

Client Sample ID: S50200MA-0059
 Date of Collection: 4/24/2024
 Date of Extraction: 5/22/24
 Date of Analysis: 5/22/24
 NA grams

Lab Sample ID: AC12479
 Matrix: Debris
 NA mL

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: No visible fibers.

Former Rockbestos Site - Clinton, MA

Bulk Asbestos Analysis by PLM

Client Sample ID: S50200MA-0060
Date of Collection: 4/24/2024
Date of Extraction: 5/22/24
Date of Analysis: 5/22/24
NA grams

Lab Sample ID: AC12480
Matrix: Debris
NA mL

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: No visible fibers.

Client Sample ID: S50200MA-0061
Date of Collection: 4/24/2024
Date of Extraction: 5/22/24
Date of Analysis: 5/22/24
NA grams

Lab Sample ID: AC12481
Matrix: Debris
NA mL

CAS Number	Compound	Concentration %	RL %	Qualifier
	Actinolite	ND	1.0	
	Amosite	ND	1.0	
	Anthophyllite	ND	1.0	
	Chrysotile	3	1.0	
	Crocidolite	ND	1.0	
	Tremolite	ND	1.0	

Comments:

Former Rockbestos Site - Clinton, MA

Bulk Asbestos Analysis by PLM

Client Sample ID: S50200MA-0062
Date of Collection: 4/24/2024
Date of Extraction: 5/22/24
Date of Analysis: 5/22/24
NA grams

Lab Sample ID: AC12482
Matrix: Debris
NA mL

<u>CAS Number</u>	<u>Compound</u>	<u>Concentration</u> %	<u>RL</u> %	<u>Qualifier</u>
	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: No visible fibers.

PW 24040027

USEPA
 START
 Weston Solutions, Inc.
 N. Billerica, MA

CHAIN OF CUSTODY RECORD

Site #: S50200MA
 Contact Name: Bonnie Mace
 Contact Phone: 978-621-1213

No: MA23100001-002

Rockbestos Site
 Lab: NERL
 Lab Phone:

Lab #	Sample #	Location	Analyses	Matrix	Sample Date	Sample Time	Numb Cont	Container	Preservative
	S50200MA-0021	ACM-20	Asbestos	Soil/Debris	4/24/2024	10:20	1	poly bag	4 C
	S50200MA-0022	ACM-21	Asbestos	Soil/Debris	4/24/2024	10:22	1	poly bag	4 C
	S50200MA-0023	ACM-22	Asbestos	Soil/Debris	4/24/2024	10:24	1	poly bag	4 C
	S50200MA-0024	ACM-23	Asbestos	Soil/Debris	4/24/2024	10:26	1	poly bag	4 C
	S50200MA-0025	ACM-24	Asbestos	Soil/Debris	4/24/2024	10:28	1	poly bag	4 C
	S50200MA-0026	ACM-25	Asbestos	Soil/Debris	4/24/2024	10:30	1	poly bag	4 C
	S50200MA-0027	ACM-26	Asbestos	Soil/Debris	4/24/2024	10:32	1	poly bag	4 C
	S50200MA-0028	ACM-27	Asbestos	Soil/Debris	4/24/2024	10:34	1	poly bag	4 C
	S50200MA-0029	ACM-28	Asbestos	Soil/Debris	4/24/2024	10:36	1	poly bag	4 C
	S50200MA-0030	ACM-29	Asbestos	Soil/Debris	4/24/2024	10:38	1	poly bag	4 C
	S50200MA-0031	ACM-30	Asbestos	Soil/Debris	4/24/2024	10:40	1	poly bag	4 C
	S50200MA-0032	ACM-31	Asbestos	Soil/Debris	4/24/2024	10:42	1	poly bag	4 C
	S50200MA-0033	ACM-32	Asbestos	Soil/Debris	4/24/2024	10:44	1	poly bag	4 C
	S50200MA-0034	ACM-33	Asbestos	Soil/Debris	4/24/2024	10:46	1	poly bag	4 C
	S50200MA-0035	ACM-34	Asbestos	Soil/Debris	4/24/2024	10:48	1	poly bag	4 C
	S50200MA-0036	ACM-35	Asbestos	Soil/Debris	4/24/2024	10:50	1	poly bag	4 C
	S50200MA-0037	ACM-36	Asbestos	Soil/Debris	4/24/2024	10:52	1	poly bag	4 C
	S50200MA-0038	ACM-37	Asbestos	Soil/Debris	4/24/2024	10:54	1	poly bag	4 C
	S50200MA-0039	ACM-38	Asbestos	Soil/Debris	4/24/2024	10:56	1	poly bag	4 C

Special Instructions: Please send results to OSC Sherry Banks and OSC Abdine Ouedraogo.

SAMPLES TRANSFERRED FROM
CHAIN OF CUSTODY #

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
	<i>Bonnie Mace</i>	4/24/24 1530			
	<i>Laura Hancock</i>	4/25/24 0825	<i>Laura Hancock</i>	4/25/24 0925	

PN 24040027

USEPA
 START
 Weston Solutions, Inc.
 N Billerica, MA

CHAIN OF CUSTODY RECORD

Site #: S50200MA
 Contact Name: Bonnie Mace
 Contact Phone: 978-621-1213

No: MA23100001-002

Rockbestos Site
 Lab: NERL
 Lab Phone:

Lab #	Sample #	Location	Analyses	Matrix	Sample Date	Sample Time	Numb Cont	Container	Preservative
	S50200MA-0040	ACM-39	Asbestos	Soil/Debris	4/24/2024	10:58	1	poly bag	4 C
	S50200MA-0041	ACM-40	Asbestos	Soil/Debris	4/24/2024	11:00	1	poly bag	4 C
	S50200MA-0042	ACM-41	Asbestos	Soil/Debris	4/24/2024	11:02	1	poly bag	4 C
	S50200MA-0043	ACM-42	Asbestos	Soil/Debris	4/24/2024	11:04	1	poly bag	4 C
	S50200MA-0044	ACM-43	Asbestos	Soil/Debris	4/24/2024	11:06	1	poly bag	4 C
	S50200MA-0045	ACM-44	Asbestos	Soil/Debris	4/24/2024	11:08	1	poly bag	4 C
	S50200MA-0046	ACM-45	Asbestos	Soil/Debris	4/24/2024	11:10	1	poly bag	4 C
	S50200MA-0047	ACM-46	Asbestos	Soil/Debris	4/24/2024	11:12	1	poly bag	4 C
	S50200MA-0048	ACM-47	Asbestos	Soil/Debris	4/24/2024	11:14	1	poly bag	4 C
	S50200MA-0049	ACM-48	Asbestos	Soil/Debris	4/24/2024	11:16	1	poly bag	4 C
	S50200MA-0050	ACM-49	Asbestos	Soil/Debris	4/24/2024	11:18	1	poly bag	4 C
	S50200MA-0051	ACM-50	Asbestos	Soil/Debris	4/24/2024	11:20	1	poly bag	4 C
	S50200MA-0052	ACM-51	Asbestos	Soil/Debris	4/24/2024	11:22	1	poly bag	4 C
	S50200MA-0053	ACM-52	Asbestos	Soil/Debris	4/24/2024	11:24	1	poly bag	4 C
	S50200MA-0054	ACM-53	Asbestos	Soil/Debris	4/24/2024	11:26	1	poly bag	4 C
	S50200MA-0055	ACM-54	Asbestos	Soil/Debris	4/24/2024	11:30	1	poly bag	4 C
	S50200MA-0056	ACM-55	Asbestos	Soil/Debris	4/24/2024	11:32	1	poly bag	4 C
	S50200MA-0057	ACM-56	Asbestos	Soil/Debris	4/24/2024	11:36	1	poly bag	4 C
	S50200MA-0058	ACM-57	Asbestos	Soil/Debris	4/24/2024	11:38	1	poly bag	4 C

Special Instructions: Please send results to OSC Sherry Banks and OSC Abdine Quedraogo.

SAMPLES TRANSFERRED FROM
CHAIN OF CUSTODY #

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
		4/25/24 0925		4/25/24 0925	

**US EPA REGION 1
SAMPLE RECEIPT CHECKLIST**

PROJ #: 24040027	RECEIPT DATE: 4/25/24
SURVEY NAME: Former Rockbestos LOCATION: Clinton, MA	REC'D BY: Laura Glowacki (ESAT)
OSC/PO: Abdine Ouedraogo	SITE ID: 01TC SUPERFUND: Y

WERE SAMPLES SHIPPED?	_____
TRACKING #: DATE/SENT:	_____
NO, Hand Delivered <input type="checkbox"/>	
COOLER TEMPERATURE UPON ARRIVAL ²⁵ _____ °C / NA	
CHAIN OF CUSTODY PRESENT? <input type="checkbox"/>	Y <input checked="" type="checkbox"/>
COMPLETE? <input type="checkbox"/>	Y <input checked="" type="checkbox"/>
CUSTODY SEALS PRESENT ON COOLER? <input type="checkbox"/>	N <input checked="" type="checkbox"/>
SAMPLES? <input type="checkbox"/>	N <input checked="" type="checkbox"/>
WERE SAMPLE CONTAINERS INTACT? <input type="checkbox"/>	Y <input checked="" type="checkbox"/>
WAS SAMPLE PRESERVATION DOCUMENTED? <input type="checkbox"/>	N <input checked="" type="checkbox"/>
COC Sample Container	
APPROPRIATE SAMPLES VOLUME	
FOR REQUESTED ANALYSIS? <input type="checkbox"/>	Y <input checked="" type="checkbox"/>
SAMPLES AND COC MATCH? <input type="checkbox"/>	Y <input checked="" type="checkbox"/>
IF ANY PROBLEMS WAS PROJECT MANAGER NOTIFIED?	
BY WHOM? ^{WA} _____	
APPROPRIATE SAMPLE CONTAINERS? <input type="checkbox"/>	Y <input checked="" type="checkbox"/>
SAMPLES WITHIN HOLDING TIMES? <input type="checkbox"/>	Y <input checked="" type="checkbox"/>
ALL ANALYSIS SPECIFIED ON COC? <input type="checkbox"/>	Y <input checked="" type="checkbox"/>
DATE/TIME OF COLLECTION ON COC	Y <input checked="" type="checkbox"/>
TURN-AROUND TIME: 28 days	

COMMENTS:

Debris samples
42 \$ASBES