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Superfund Records Center SITE: Carvill Combing Mil

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Old Village Mill, LLC 57-59 & 65 Brunswick Avenue Ext. Plainfield, CT file 2672

Prepared for:

Mr. George Scarveles Old Village Mill, LLC 261 Beacon Road Bethany, CT 06524

October 18, 2001

Prepared by:

ନ FOR John M. Ernst

Environmental Manager

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Asbestos Investigative Survey Report, 10/09/01, Forbes & Wheeler, Inc.

Preface

Throughout this document, the terms 'Customer', 'Client' and 'Old Village Mill' refer to Old Village Mill, LLC, while 'Consultant', 'Engineer' or 'AARON' refers to AARON Environmental. 'CTDEP' refers to the State of Connecticut Department of Environmental Protection and 'EPA' or 'USEPA' refers to the United States Environmental Protection Agency.

This report has been prepared for the sole use of the Customer of AARON. Use of this report by any person or entity other than the Customer is not authorized without the written consent of AARON. Conclusions listed in this document have been based on information provided in part by the Customer, the Customer's agents or third parties including, but not limited to, state and local authorities. Pursuant to this, the accuracy of said information is not guaranteed by AARON.

The field observations and research reported herein are considered sufficient in detail and scope to form a reasonable basis for a supplemental environmental assessment of this property. The findings and conclusions presented herein for the site described have been promulgated in accordance with general environmental engineering practices. These environmental methods have been developed to provide the client with information regarding apparent indications of existing or potential environmental conditions relating to the subject property, and are limited to the information available at the time of the site visit and research.

Authorization

Authorization was given by Mr. George Scarveles of Old Village Mill, LLC to perform a Supplemental Environmental Site Assessment of the property known as 57-59 & 65 Brunswick Avenue Ext., Plainfield, Connecticut.

I. INTRODUCTION/SCOPE OF WORK

AARON was asked by Old Village Mill, LLC to conduct a Supplemental Environmental Site Assessment of the property known as 57-59 & 65 Brunswick Avenue Ext., Plainfield, Connecticut. A Phase I Environmental Site Assessment completed in May 2001 identified several areas of potential concern (AOCs) at the Subject Site. Certain AOCs warranted a timely investigation due to the condition or nature of the materials and are the subject of this Supplemental Site Assessment.

The scope of work for this Supplemental Site Assessment included:

- Provide a licensed asbestos inspector to visually inspect building debris piles and accessible portions of partially demolished building structures for the presence of suspect asbestos containing building materials. Collect representative samples of suspect materials and submit to a independent, state certified laboratory for PLM analysis.
- Visually inspect accessible portions of on site structures and immediate grounds for the presence of containerized hazardous materials. Inventory identified containers (provide ID marking on container, identify volume of material and physical condition). Secure leaking containers (if any), provide general description of contents and condition of containers.
- Provide a written report with tabular summary of the results of asbestos inspection and the container inventory. Provide cost estimates to abate and/or remove identified materials.

II. SITE OVERVIEW

A. Site Location and Description

The subject property consists of three separate parcels described as follows:

Address: 57-59 & 65 Brunswick Avenue Ext. Plainfield (Moosup), Connecticut Windham County

Current Owner: Old Village Mill, LLC

Map/Block/Lot: 30 / 111 / B 7; 4M / 111 / 11; and, 4M / 111 / B 5

USGS Quadrangle: Oneco, CT / RI (7.5 x 15 minute)

Latitude: 41° 43' 3" Longitude: 71° 51' 42"

The configuration of the land parcels is illustrated in the Figures section of this report. Figure 1 is an overall Site map showing the parcel and building locations, Figure 2 is a plan of the building areas with approximate drum and container locations, and Figure 3 is a plan of the building areas with identification numbers for the asbestos survey.

Each of the properties and buildings are currently vacant (not occupied). A pedestrian bridge is present adjacent to the subject parcels within the right-of-way for Brunswick Avenue and provides access across the Moosup River.

III. SITE INVESTIGATION

The following sources were utilized to generate the information provided in this section:

- Site walk completed September 4, 2001 by Robert McCarthy and Phil Rydel of AARON.
- "Asbestos Investigative Survey Report, Former Cadle Company, Brunswick Avenue, Moosup Connecticut," Forbes & Wheeler, Inc., October 9, 2001
- "Phase I Environmental Site Assessment, Old Village Mill, LLC, 57-59 & 65 Brunswick Avenue, Plainfield, CT," AARON Environmental, May 2001
- Property Survey Showing Lands Now or Formerly of Old Village Mill, LLC by Vollmer Associates LLP. Undated, as this was a preliminary map provided by the client.

A. Site Historical Background

The Site has a history of occupation by textile mills. Information obtained as part of the Phase I Environmental Site Assessment (Phase I) indicates that the main mill was constructed in 1891. In 1899 the mill was sold to the American Woolen Company which operated Glens Falls Mill until 1932 when the building was sold. Brunswick Worsted Mills, Inc. purchased the mill in 1933 and continued to own and operate the mill until the time of the CHC report in 1980. The property continued to be operated as a textile mill until circa 1986.

According to the Plainfield Fire Marshal, Mr. Paul Yellen, the main mill building was occupied by various companies during a portion of the 1980's and has been vacant for at least the past ten years. Mr. Yellen indicated that a hydroelectric power generation plant was present in the basement of the building, a fiberglass boat manufacturer was present on the 1st and 2nd floors, and a pharmaceutical company (Davis Pharmaceuticals) was present on the upper floor.

A fire occurred in the Brunswick Mill building on October 21, 2000. The fire consumed all four floors of the building immediately adjacent to the river but did not impact the office areas at the west end of the building. A demolition company razed much of the eastern half of the building and created stockpiles of metal and building debris, which remain at the Site.

B. General Site Conditions

The Site buildings are in generally poor condition including both the remaining Brunswick Mill Building and the Carvill Combing Building. These buildings contain significant physical hazards, including; holes in the first and second floors, holes with hanging debris from the roof, partially demolished buildings with unsupported walls remaining, pits and fall areas, and miscellaneous residual manufacturing and building debris throughout the buildings. Certain portions of the Brunswick Mill building and Carvill Combing building were not accessible for inspection due to these physical hazards and obstructions.

C. Drum and Container Inventory

A survey was conducted by AARON of all accessible areas of the buildings and the property immediately around the buildings. The purpose of this survey was to catalog any containers that may contain or have previously contained hazardous substances. In particular, each container was investigated to note its quantity, size, label, location on the property, and suspected contents. This information is summarized on Table 1 and on Figure 2. No attempt was made to conclusively identify the contents of any identified drum or container on Site. The information presented below and in the attached table represents only cursory information gathered through observation of the containers, their physical state and environment in which they were located. Samples from each container would have to be collected and analyzed in order to conclusively identify their contents.

2-Story House and Adjacent Property - No drums or containers were identified within the 2-story house structure itself. Two 55 gallon size drums were identified in the area immediately surrounding the building. These containers were identified at locations 1 and 2 which are located along the access road that runs to the westside of the 2-story house. The containers appear to be filled with household trash and fiberglass fabric. The containers are in fair condition and neither container appears to pose a significant hazard in its current state.

Main Mill Building - West of River - Several locations were identified within this building that contained miscellaneous drums or containers. Two, one gallon size, containers, in fair condition, were identified at locations 13 and 23 that appear to contain waste oil. Several 55 gallon size drums were noted at locations 12, 14, and 22 that appear to contain polyester/fiberglass resin and/or fiberglass fabric. Approximately thirty other 55 gallon size drums were identified within the remainder of the structure. Most of these drums are in fair to poor condition and either appear to be empty or containing small amounts of unidentified liquids (the liquid may be water that has leaked into the drums through open tops or bungs). Several drums were inaccessible (location 25) due to safety concerns and their contents could not be ascertained. One plastic 55 gallon size drum (location 19), in good condition, contained a label indicating the contents to be Acetic Acid. This drum appeared to contain approximately 5 gallons of a liquid. Acetic Acid is considered to be hazardous, therefore, this container is a potential concern. Four, 55 gallon size, drums were identified in the area immediately outside this structure at locations 3, 4, 5, and 6. Two of these drums are filled with fiberglass fabric and trash, one is empty, and one (with an open top) appears to be full of rain water. These four drums are in fair condition and do not appear to pose a significant hazard. In addition, approximately ten 5-gallon buckets labeled as asphalt sealer and roofing tar are



present at location 7. These buckets appear to be mostly empty. One additional 55 gallon size drum (location 11) is crushed and appears to be empty.

Corrugated Steel Storage Building - Approximately six, 55 gallon size drums are located in and around this structure (locations 8, 9, and 10). These drums are in fair condition and appear to be full of household trash and foam rubber. They do not appear to pose a significant hazard in their current state.

Remote Mill Building - East of River - Several drums and containers were identified within this building. Approximately eight, 5 gallon size, containers believed to contain paint, oil, or cleaning solvents are located in the maintenance shop in the basement. Two other 55 gallon size drums contain liquids which may be waste oils. These 5 gallon and 55 gallon containers are in fair condition. One 55 gallon size drum is present which contains a solid white material. This drum is in poor condition, as the solid white material is visible through the sides near to the bottom.

D. Asbestos Investigation

Forbes & Wheeler, Inc. was contracted by AARON Environmental to perform an Asbestos survey of the accessible portions of the Site. During the period of September 4 - 10, 2001 Forbes & Wheeler performed a detailed inspection of the structures and debris piles at the Site. Information about the number of samples collected and the methods of collection are annex to this report.

The areas from which samples could be collected and analyzed were limited to those areas that were deemed to be safe and accessible. Specific areas from which samples could not be collected are detailed within the report itself.

In summary, a total of 277 samples were collected and submitted for laboratory analysis of which 143 were identified as Asbestos Containing Material (ACM). Note: Several metal-clad fire doors are located throughout the buildings on the property samples were not collected from these doors, however, it is assumed that ACM is present in these doors. Also, samples were not collected from the flange gasket and valve packing materials associated with the heating system in several of the buildings on the Site, however, historical evidence suggests that ACM may also be present in these materials.

The following is a summary of the buildings on the property and the locations at which ACM was found:

2-Story House (Building ID #1) - This structure is constructed of primarily wood framing and consists of various rooms that appear to have been used as office space. Throughout the interior of the structure ACM was found within the heating system, joint compound & tape, and various floor tiles. Samples were not collected, but ACM is assumed to be present in the flange gasket and valve packing materials used on the heating system throughout the building. On the

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exterior of the building ACM was found to be present in the transite siding and the roofing tar/paper material.

Remote Mill Building - East of River (Building ID #2) - This structure is constructed of brick and mortar exterior walls with a combination of wood and concrete flooring. The internal support structure consists of wood and steel beams. The space appears to have been used primarily for manufacturing with some maintenance and mechanical areas located in the basement. Extensive evidence of ACM was found in the interior of this building. ACM was found in the thermal insulating material used throughout the heating system. Samples were not collected, but ACM is assumed to be present in the flange gasket and valve packing materials used on the heating system throughout the building. ACM was also detected to be present in the ceiling panels, floor tiles, window glazing, and in an electric cable. On the exterior of the building, ACM was detected in the shingles, tar, and paper roofing.

Main Mill Building - West of River (Building ID #3) - This structure is attached to the 2-story house (Building ID #1) and consists of rock and mortar exterior walls with tongue-and-groove wood flooring supported by wood and steel beams. The space appears to have been used primarily for manufacturing. ACM was detected in the paper insulation and insulation debris associated with the heating system on the basement, first, and second floors on the structure. Samples were not collected, but ACM is assumed to be present in the flange gasket and valve packing materials used on the heating system throughout the building. ACM was also detected in the shingles that were located in the loading dock area and also in the tar and felt paper located on the exterior of the building.

Shed (Building ID #4) - This is a small wooden structure located along the access road adjacent to the 2-story house and mill. The shed has asphalt siding and rolled roofing material along with tar paper on the exterior. No ACM was detected in the samples collected from this structure.

Pump House (Building ID #5) - This is a small concrete-walled structure located along the access road adjacent to the 2-story house and mill. The structure has two layers of asphalt shingles on the exterior of the roof. No ACM was detected in the samples collected from the asphalt shingles. Samples were not collected, but ACM is assumed to be present in the flange gasket and valve packing material in the building.

Corrugated Steel Storage Building (Building ID #6) - This structure is located north of the access road adjacent to the 2-story house and mill. The structure consists of corrugated metal siding and roofing supported by a steel beam superstructure. One sample was collected from the cloth wiring in this building. Analysis determined that no ACM was present in the sample.

Oil Storage Structure (Building ID #7) - This structure is located east of the access road adjacent to the 2-story house and mill. The structure is constructed

of concrete and cement block with wooden beams supporting rolled asphalt roofing. One sample was collected from the rolled roofing on this building. Analysis determined that no ACM was present in the sample.

Storage Building (Building ID #8) - This building is attached to the north-side of the main mill building. It is a 2-story structure with the exterior walls constructed of rock and mortar. The second floor proved to be inaccessible. ACM was detected in the samples collected from interior window glazing, heating system insulation, and roofing material. Samples were not collected, but ACM is assumed to be present in the flange gasket and valve packing materials used on the heating system in this building.

Boiler Room of Main Mill Building (Building ID #9) - This boiler room is located in the northeast corner of the main mill building. ACM material was detected in the samples collected from the insulation material around the boiler and from the ceiling material in the area. Samples were not collected, but ACM is assumed to be present in the flange gasket and valve packing materials used on the heating system in this area.

Turbine Building (Building ID #10) - This building is constructed of rock and mortar and is located adjacent to the river east of the main mill building. No ACM was detected in the samples collected from this area. Samples were not collected, but ACM is assumed to be present in the flange gasket and valve packing materials used on the heating system in this area.

Water Outlet Building (Building ID #11) - This area is located adjacent to the turbine building and served to discharge post-turbine water back into the river. Primarily all that remains of this structure are the brick, mortar, and wood walls with some roofing material strewn about. ACM was detected in the samples collected from the roofing and tar paper material in this area.

Debris Pile 1 (Building ID #12) * - The eastern-most debris pile consists of rubble from the main mill building. ACM was detected in the sample collected from a mudded elbow of a heating pipe located in the southwest corner of this pile. Samples were not collected, but ACM is assumed to be present in the flange gasket and valve packing materials used on the heating system that may be present in this pile.

Debris Pile 2 (Building ID #13) * - The western-most debris pile consists of rubble from the main mill building. ACM was detected in the sample collected from the roofing material that is located throughout this pile. Samples were not collected, but ACM is assumed to be present in heating system material that is located on the eastern-side of this pile.

* Please note that materials identified on the debris piles represent materials that were visibly observed on the surface only. Should any additional materials suspect of containing asbestos be discovered beneath the surface of the piles

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during construction activities, such materials must either be assumed and handled as asbestos, or evaluated by a certified Asbestos Inspector prior to any further construction activities that would disturb such materials.

According to the National Emissions Standards for Hazardous Air Pollutants (NESHAPs) published by the Environmental Protection Agency (EPA) all ACM must be removed from the facility before any activity begins that would break up, dislodge, or similarly disturb the ACM.

E. Underground Storage Tanks (USTs)

There are currently three known USTs on the site, each are 20,000 gallon heating oil tanks. Two 20,000 gallon heating oil USTs were installed circa 1956 and are located in a concrete bunker to the north of the Brunswick Mill building. One 20,000 gallon heating oil UST, installed circa 1954, is located in a concrete bunker to the south of the former Carvill Combing Co. building, immediately adjacent to the Moosup River.

The two USTs located adjacent to the Brunswick Mill building are each 120" diameter and approximately 34' long, which is consistent with a 20,000 gallon capacity. The UST located closest to the driveway contains 18" of oil and water (1,879 gallons) and the second UST contains 7" of oil and water (465 gallons).

The UST located on the east of the river has a measured diameter of 102" and approximate length between 27 and 34' (the ends could not be accurately located to determine the length). The measured diameter is not consistent with a 20,000 gallon tank size and indicates that the UST is either a smaller capacity, 10,000 or 12,000 gallon, or contains a solid material in the bottom 18" which does not allow an accurate measurement. The UST contains 12" of oil and water (730 to 1,040 gallons, depending on actual tank capacity).

Remaining underground piping emanating from these tanks is anticipated to contain residual petroleum product.

F. Electric Transformers

Two electric transformers are located in the partially demolished portion of the main mill building. The transformers are mostly buried within the building debris and only the tops are exposed. Markings on the transformers indicate that they were manufactured by General Electric in Schnectady, New York. No additional markings or labels were visible. As such, the presence or concentration of Poly Chlorinated Byphenols (PCBs) could not be determined.

The transformers are cylindrical shaped, approximately 24" at the top, and appear to be the typical "pole mounted type". However, the transformers are present at ground level, among the building debris.

IV. SUMMARY

The Subject Site consists of several buildings which are vacant (abandoned) and partially demolished and/or damaged by fire. The main mill building was damaged by fire and is largely demolished. An office area, a two story house structure, remains intact and is located off the west end of the main mill building. An additional three story mill structure, which is part of the subject Site, is located on the east side of the Moosup River.

These buildings contain significant physical hazards, including; holes in the first and second floors, holes with hanging debris from the roof, partially demolished buildings with unsupported walls remaining, pits and fall areas, and miscellaneous residual manufacturing and building debris throughout the buildings. Certain portions of the mill buildings were not accessible for inspection due to physical hazards and obstructions. Two distinct piles of debris are present in the area of the demolished main mill building. These debris piles include various building materials such as metal, brick, stone, mortar, wood, and ash.

A Phase I Environmental Site Assessment completed in May 2001 identified several areas of potential concern (AOCs). Certain AOCs warranted a timely investigation due to the condition or nature of the materials. The AOCs which were targeted as part of this Assessment included potential Asbestos Containing Materials (ACM) and an inventory and inspection of drums, cans, and containers within and adjacent to the buildings. The container inventory included an inspection of known underground storage tanks (USTs) and possible electric transformers.

The ACM survey included collection of a total of 277 samples from throughout the Site buildings and the debris piles. The samples were submitted for laboratory analysis and 143 were identified as ACM. The ACM was identified in various buildings, materials, and locations. Detailed descriptions of the buildings, locations, and materials identified are included in the Forbes & Wheeler, Inc. report (Appendix) and were summarized in Section III D of this report.

The container investigation identified approximately 62 cans, buckets, tanks and drums ranging in size from 1 to 55 gallons. The contents of the containers were observed to consist of a variety of materials, including: nothing, trash, building debris, fiberglass, resin, water, oil, paint, and potentially hazardous materials. The potentially hazardous materials include: a drum labeled as acetic acid, a drum containing an unknown white solid material, and several unlabeled drums containing liquids.

Three underground storage tanks (USTs) are present at the Site which were formerly utilized to store heating oil for the mill buildings. The USTs are each believed to have a 20,000 gallon capacity, although one UST located on the east side of the Moosup River is potentially smaller (10,000 or 12,000 gallon). The USTs contain between 465 and 1,879 gallons of oil and water, for a total of approximately 3,400 gallons. The USTs were installed circa 1956 and are beyond their life expectancy. Underground piping remains and is presumed to contain fuel oil.

Two electric transformers are buried in the partially demolished section of the main mill building, with only the tops exposed. Visible markings indicate that the transformers were manufactured by General Electric. No additional markings are accessible to determine if the transformers are PCB containing.

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V. RECOMMENDATIONS

Materials at the Site which should be appropriately removed, disposed, or otherwise abated include: identified Asbestos Containing Materials (ACM), drums, containers, USTs, and electric transformers.

In accordance with EPA NESHAPS regulations (40 CFR Part 61), building owners must remove all ACM from a facility (or area of a facility) before any activity begins that would break up, dislodge, or similarly disturb the ACM. Section 4.00 of the Forbes & Wheeler report (see Appendix) includes further recommendations and applicable regulations pertaining to the ACM.

Task	
Removal and disposal of Identified drums and containers	
Removal of identified ACM from throughout Site	
Closure by removal of three 20,000 gallon USTs	
Removal and disposal of two electric transformers	· · · · · · · · · · · · · · · · · · ·

The following tasks are recommended to be completed at the Site:

VI. LIMITATIONS

All work product and reports provided by AARON Environmental (AARON) in connection with the performance of environmental site assessments are subject to the following limitations:

- 1. The observations described in the assessment report were made under the conditions stated therein. The conclusions presented in the assessment report were based solely upon the services described therein, and not on scientific tasks or procedures beyond the scope of described services or the time and budgetary constraints imposed by the client.
- 2. In preparing this assessment report, AARON has relied on certain information provided by state and local officials and information and representations made by other parties referenced therein, and on information contained in the files of state and/or local agencies made available to AARON at the time of the site assessment. To the extent that such files are missing, incomplete or not provided to AARON, AARON is not responsible. Although there may have been some degree of overlap in the information provided by these various sources, AARON did not attempt to independently verify the accuracy or completeness of all information reviewed during the course of this site assessment.
- 3. Observations were made of the site and of structures on the site as indicated within the assessment report. Where access to portions of the site or to structures on the site was unavailable or limited, AARON renders no opinion as to the presence of hazardous substances, waste or petroleum and chemical products. Furthermore, AARON renders no opinion where direct observation of the interior walls, floors, or ceilings of a structure on a site was obstructed by objects or coverings on or over these surfaces.
- 4. Unless otherwise specified in the assessment report, AARON did not perform testing or analysis to determine the presence or concentration of asbestos, radon, lead or polychlorinated biphenyls (PCBs) at the site or in the environment of the site.
- 5. The purpose of this assessment report was to assess the physical characteristics of the subject site with respect to the presence in the environment of hazardous substances, waste or petroleum and chemical products and wastes. No specific attempt was made to check the compliance of present or past owners or operators of the site with federal, state or local laws and regulations, environmental or otherwise.
- 6. If the conclusions and recommendations contained in this assessment report are based in part upon data obtained from a limited number of soil samples obtained from widely spaced subsurface explorations, then the nature and extent of variations between these explorations may not become evident until further exploration. If variations or other latent conditions then appear evident, it will be necessary to reevaluate the conclusions and recommendations of this assessment report.
- 7. If water level readings have been made in test pits, borings, and/or observation wells, these observations were made at the time and under the conditions stated on the test pit or boring logs or in the assessment report. However, it must be noted that fluctuations in the level of groundwater may occur due to variations in rainfall, passage of time and other

factors. Should additional data become available in the future, the data should be reviewed by AARON, and the conclusions and recommendations modified accordingly.

8. Except as noted within the text of the assessment report, no quantitative laboratory testing was performed as part of the site assessment. Where such analysis have been conducted by an outside laboratory, AARON has relied upon the data provided, and has not conducted an independent evaluation of the reliability of the test data.

- 9. Chemical analysis may have been performed for specific parameters during the course of this site assessment, as described in the test. However, it should be noted that additional chemical constituents not searched for during the current study may be present in soil and/or groundwater at the site.
- 10. If the conclusions and recommendations contained in this assessment report are based, in part, upon various types of chemical data; then the conclusions and recommendations are contingent upon the validity of such data. The data have been reviewed and interpretations made in this assessment report. If indicated within the assessment report, some of this data may be preliminary "screening" level data, and should be confirmed with quantitative analysis if more specific information is necessary. Moreover, if should be noted that variations in the types and concentrations of contaminants and variations in their flow paths may occur due to seasonal water table fluctuations, past disposal practices, the passage of time, and other factors. Should additional chemical data become available in the future, this data should be reviewed by AARON and the conclusions and recommendations represented herein modified accordingly.
- 11. It is recommended that AARON be retained to provide further hydrogeologic and engineering services during the construction and/or implementation of any remedial measures recommended in this assessment report. This is to allow AARON to observe compliance with the concepts and recommendations contained herein, and to allow the development of changes to the remedial program in the event that subsurface conditions or other conditions differ from those anticipated.
- 12. The installation of test borings, in substitution for tank removal, cannot be used as conclusive evidence to determine the environmental quality of the soils and groundwater. It should be noted that AARON can draw no conclusions concerning the presence of soil or groundwater contamination, unless the tanks are removed and soil samples are collected and analyzed for the appropriate parameters.
- 13. This assessment report does not intend to serve the purpose of an environmental compliance audit. AARON recommends that such a procedure be considered to ensure compliance with state and federal regulations. This would specify proper handling and disposal procedures for waste solvents and oils generated on-site.

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- 14. Plot plans, sketches, and other illustrative materials in this report are included to assist the reader in visualizing the site and are not necessarily drawn to scale.
- **15**. A Phase I Site Assessment is not intended to be a definitive study of the site, and therefore is not suitable for use in planning site remediation or undertaking enforcement actions against potentially responsible parties.
- **16**. No definitive conclusion can be drawn concerning the environmental quality of soils or groundwater at this site without the implementation of a detailed hydrogeologic investigation and sampling program.

Table 1 - Drum and Centainer Inventory57-59 65 BrunMoosup, Connecticut

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Location ID	Quantity	Color	Size (in gallons)	Label	Suspected Contents
** West of Riv	er **	· · · · · · · · · · · · · · · · · · ·		·	
1	1	Green	55	UN 1866 Polyester Resin	Partially full of trash
2	1	Brown	55	None	Full of fiberglass fabric & trash
3	1	Brown	55	None	Full of fiberglass fabric & trash
4	1	Brown	55	None	Full of fiberglass fabric & trash
5	1	Brown	55	UN 1090 Acetone	Empty
6	1	Yellow	55	None	Open top. Partially full, likely rain water
7	10	Black & Rust	5	Asphalt sealer/Roofing tar	Mostly empty
8	1	Red, White & Blue	30	None	Partially full of trash
9	1	Black	55	None	Full of foam rubber & trash
10	4	Brown & White	55	None	Partially full of trash & fiberglass
11	1	Brown	55	None	Crushed
12	2	White	5	UN 1866 Polyester Resin	Hardened Polyester resin
13	3	White	1	None	Possible Waste oil
14	1	White	55	None	Empty drum covered with fiberglass
15	2	White	55	None	Empty
16	1	Black	55	None	Partially full of liquid (< 10 gallons)
17	1	White	55	None	Partially full of liquid & trash
18	1	White	55	None	Open top. Partially full, likely rain water
19	1	Black	55	Acetic Acid	Partially full of liquid (< 5 gallons)
20	4	Green	55	None	1 Full other inaccessible
21	2	?	55	None	Partially full of liquid
22	1	?	.2	Resin	Partially full
23	1	?	. 1	None	Leaking jug of waste oil
24	6	?	5	None	Assorted buckets
25	9	Rustv	55	None	Appear to be empty, but inaccessible
26	1	Black	55	None	Plastic drum. Inaccessible
** East of Rive	r **	······································		· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·
27	8+	?	· 5	None	Assorted buckets in maintenance area
28	. 1	Green	55	None	Full of liquid (possible waste oil)
29	1	?	55	None	Full of solid white material
30	1	Blue	20	None	Partially full of liquid (< 5 gallons)

Materials Inventory and Cost Estimate Matrix Mill Building/2-Story House

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						his houses		建 体的 (1)	ESTIMATED
ACTING STREET, ACTING	C121 (0115)	ALELLA!		الرواد برباوي	CUANTUR/	CONDITION	SAMPLE	RESULTS	REMOVAL
	ALKIE: I	A: LIBCID:N	Ŀ		SPLFIER		D NO		COSTS
PLASTER ROUGH COAT	1	NA	1	THROUGHOUT	NA	NA	01A.B.C.D.E	CINCLER COMON AND AND	\$0
PLASTER SKIM COAT	2	NA	1	THROUGHOUT	NA	NA	02A.B.C.D.E		\$0
THERMAL SYSTEM INSULATION	3	RACM	1	RM1-01	20LF	POOR	02A	+	\$500
THERMAL SYSTEM INSULATION	3	RACM	1	RM1-02	25LF	POOR		+	\$625
THERMAL SYSTEM INSULATION	3	RACM	1	RM1-04	40LF	POOR		+	\$1,000
THERMAL SYSTEM INSULATION	: 3	RACM	1	RM2-03	15LF	POOR		· +	\$375
THERMAL SYSTEM INSULATION	3	RACM	1	RM2-05	15LF	POOR		+:.	\$375
THERMAL SYSTEM INSULATION	3	RACM	1	RM2-06	1LF	POOR		+	\$25
T.S.I MUDDED ELBOW	4	RACM	1	RM1-01	2EA	POOR	03A	+`	\$100
T.S.I MUDDED ELBOW	4	RACM	1	RM1-04	6EA	POOR		+	\$300
T.S.I MUDDED ELBOW	4	RACM	1	RM2-06	1EA	POOR	· · · · · · · · · · · · · · · · · · ·	+	\$50
SHEETROCK	5	NA	1	THROUGHOUT	NA	NA	05A,B	-	
JOINT COMPOUND & TAPE	6	RACM	1	RM1-02	400SF	GOOD	06A	+	\$2.000
JOINT COMPOUND & TAPE	6	RACM	1	RM1-04	800SF	GOOD		+	\$4,000
JOINT COMPOUND & TAPE	6	RACM	1	RM1-05	400SF	GOOD		· +	\$2,000
JOINT COMPOUND & TAPE	6	RACM	1	RM1-07	1100SF	GOOD	······································	+	\$5,500
JOINT COMPOUND & TAPE	6	RACM	1	S-01	300SF	GOOD		.+	\$1,500
JOINT COMPOUND & TAPE	6	RACM	1	RM2-02	500SF	GOOD		+	\$2,500
JOINT COMPOUND & TAPE	6	RACM	1.	RM2-04	500 SF	GOOD	06B	+	\$2 500
JOINT COMPOUND & TAPE	6	RACM	1	RM2-05	400 SF	GOOD		+	\$2,000
12" X 12" RED FLOOOR TILE	7.	1	1	RM1-01	25SF	POOR	07A.B	+	\$50
BEIGE MASTIC ASSOC W/07A,B	8	NA	1	RM1-01	NA	NA	08A.B		
BROWN GLUE ON FIBERGLASS WRAP	9	NA	1	RM1-01	NA	NA	09A		
BLACK VAPOR BARRIER PAPER	10	NÁ	1	THROUGHOUT 1ST FLOOR	NA	NA	10A.B	-	· · · · · · · · · · · · · · · · · · ·
BLACK VAPOR BARRIER PAPER	10	NA	1	THROUGHOUT 2ND FLOOR	NA	NA			
9" X 9" RED FLOOR TILE	11	1	1	RM1-02	200SF	POOR	11A.B	+	\$400
BLACK MASTIC & TAR PAPER	12	NA	1.	RM1-02	NA	NA	12A	· · · ·	
BEIGE WALL TILE MASTIC	13	NA	1	RM1-03	NA	NA	13A.B		
THICK CLOTH WIRING	14	NA	1	RM1-03	NA	NA	14A		
THIN CLOTH WIRING	15	NA	1	RM1-03	NA	NA	15A		· · · · · · · · · · · · · · · · · · ·
BROWN FLOOR TILE	16	i	.1	RM1-03	100SF	POOR	16A	+	\$300
BROWN FLOOR TILE	16		1	RM1-04	500SF	POOR	16B	+	\$1,500
BROWN FLOOR TILE	16	1	1	RM1-05	120SF	POOR			\$360
BROWN FLOOR TILE	.16		1	RM1-07	600SF	POOR		+	\$2,400
BLACK MASTIC & TAR PAPER	'17	NA	1	RM1-03	NA	NA	17A		
BLACK MASTIC & TAR PAPER	17	NA	1	RM1-04	NA	NA	17B		[
BLACK MASTIC & TAR PAPER	17	NA	1	RM1-05	NA	NA		•	
BLACK MASTIC & TAR PAPER	17	NA	1	RM1-07	NA	NA		-	
BEIGE CARPET MASTIC	18	NA	1	RM1-04	NA	NA	18A	-	

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Materials Inventory Cost Estimate Matrix Mill Building/2-Story House

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	FOMO								ESTIMATED
	CIENIO	11231112	ELIPLE	LOCATIONS	QUANTINY	CONDITION	SAMPLE	RESULTS	KEMUVAL
	, LE	MATECIOI A	j∎)		SFILFIEA)		に に NO 活動	解题目的 主义	CUS15
BEIGE CARPET MASTIC	18	NA	1	RM1-05	NA	NA	18B	· · ·	
12" X 12" PARKAY FLOOR TILE	19	NA	1	RM1-07	NA .	NA	19A,B	-	
BROWN WALL PANEL MASTIC	20		1	S-01	300SF	GOOD	20A,B	+	\$1,500
BROWN STAIR TREAD	21	NA	1	S-01	NA	NA	21A,B	-	
12" X 12" BEIGE FLOOR TILE	22	1	1	S-01 '	125SF	POOR	22A	+	\$250
12" X 12" BEIGE FLOOR TILE	22	1	1	RM2-03	200SF	POOR		+	\$400
12" X 12" BEIGE FLOOR TILE	22	1	1	RM2-04	150SF	POOR	22B	; +	\$300
12" X 12" BEIGE FLOOR TILE	22	· 1	1	RM2-05	300SF	POOR		+	\$600
9" X 9" BEIGE FLOOR TILE	23		1	RM2-01	60SF	POOR	23A,B	+	· \$120
9" X 9" DOT FLOOR TILE	24	1	1	RM2-02	120SF	POOR	24A,B	+	\$240
BLACK FLOOR TILE MASTIC	25	NA	1	THROUGHT 2ND FLOOR	NA	NA	25A,B		
BATTLESHIP LINELOUM	26	NA	1	RM2-04	NA	NA	26A,B	-	
1'X 1' CEILING TILE	27	NA	1	RM2-08	NA	NA	27A,B		
9" X 9" WHITE FLOOR TTILE	28	1	1	RM2-06	600SF	POOR	28A,B	+	\$1,200
TRANSITE SHINGLES	29	11	1	EXTERIOR	2000SF	POOR	29A,B	+	\$10,000
TAR PAPER UNDER TRANSITE	30	NA	1	EXTERIOR	NA	NA	30A,B		
VAPOR BAR. PAPER UNDER CLABOARD	31	NA	1	EXTERIOR	NA	NA	31A,B		
FRONT DOOR WINDOW GLAZING	32	NA	1	EXTERIOR	NA	NA	32A,B	<u> </u>	
WINDOW GLAZING	33	NA	- 1	EXTERIOR	NA	NA .	33A,B	-	
ASPALT SHINGLES	34	NA	1	EXTERIOR	NA	NA	34A,B	<u> </u>	
ROOFING TAR/ PAPER	35	· I	1	EXTERIOR	4200SF	POOR	35A,B	+	\$21,000
FLANGE GASKET MATERIAL	137	1	1	S-0 1	1EA	NA	NA	ASSUME	\$100
VALVE PACKING	138	RACM	1	THROUGHOUT	6EA	NA	NA	ASSUME	\$300
MERCURY THEROMETER SWITCH	NA	NA	NA	RM2-03	1EA	NA	NA	NA	
								TOTAL	\$66,370

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Materials Inventory and Cost Estimate Matrix Mill Building Across River

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NUCERCE DESCRIPTION	CENCRE	NESI/AF	ELDE	DEATION	ICUANUIN	CONDITION	SAMPLE	RESULIS	
	AREA	G. HECORY				制的扩充管			COSTS
HARD PACKED GASKET	36	NA	2	BOILER RM	NA	NA	36A,B		
CLOTH WOVEN GASKET	37	NA	2	BOILER RM	NA	NA	37A,B	-	
BOILER JACKET INSULATION	38	RACM	2	BOILER RM	600SF	POOR	38A	+	\$9,000
BOILER BLOCK INSULATION	39	RACM	2	BOILER RM	600SF	POOR	39A	+	\$9,000
BREECHING CAULKING	40	11	2	BOILER RM	38F	POOR	40A,B	+	\$30
CEILING BOARD	41	RACM	2	BOILER RM	300SF	POOR	41A,B	+	\$3,000
CEILING BOARD	41	RACM	2	ARCH RM	700 SF	POOR		+	\$7,000
T.S.I SOLID CORE	42	RACM	2	BOILER RM	15LF	POOR	42A	÷	\$375
T.S.I SOLID CORE	42	RACM	2	EAST RM	40LF	POOR		Ŧ	\$1,000
T.S.I LAYERD PAPER	43	RACM	2	BOILER RM	10LF	POOR	43A	+	\$200
TSI DEBRIS	43	RACM	2	BOILER RM	225 SF	POOR		+	\$450
T.S.I LAYERD PAPER	43	RACM	2	WEST RM	50LF	POOR		+	\$1,000
TSI DEBRIS	43	RACM	2	EAST RM	500 SF	POOR		+	\$1,000
T.S.I LAYERD PAPER	43	RACM	2	EAST RM	350LF	POOR		+	\$7,000
T.S.I LAYERD PAPER	43	RACM	2	ARCH RM	40LF	POOR		+	\$800
T.S.I LAYERD PAPER	43	RACM	2	2ND FLOOR	15LF	POOR		+	\$300
T.S.I LAYERD PAPER	43	RACM	2	3RD FLOOR	400LF	POOR		+	\$8,000
TAR/ LAYERD PAPER	44	RACM	2	WATER TANK RM	35LF	POOR	44A	+	\$1,050
TAR/ LAYERD PAPER	44	RACM	2	WOOL RM	30LF	POOR		+	\$900
TAR/ LAYERD PAPER	44	RACM	2	EAST RM	60LF	POOR	44B	+	\$1,800
CLOTH WOVEN EQUIPMENT	45	NA	2	WESTRM	NA	NA	45A	-	
CLOTH WOVEN EQUIPMENT	45	NA	2	EAST RM	NA	NA	45B	•	
ELECTRICAL CABLE THICK	46	ll l	2	THROUGHOUT	UNK	POOR	46A,B	+	\$6,000
T.S.I MUDDED ELBOWS	47	RACM	2	EAST RM	36EA	POOR	47A	+	\$1,800
T.S.I MUDDED ELBOWS	47	RACM	2	BOILER RM	1EA	POOR	•	+	\$150
T.S.I MUDDED ELBOWS	47	RACM	2	WEST RM	3EA	POOR		+	\$150
T.S.I MUDDED ELBOWS	47	RACM	2	ARCH RM	2EA	POOR		+	\$100
T.S.I MUDDED ELBOWS	47	RACM	2	3RD FLOOR	35EA	POOR		÷	\$1,750
PAPER WRAP ON PIPE	48	NA	2	WEST RM	NA	NA	48A,B	-	
ELECTRICAL CABLE THIN	49	NA	2	THROUGHOUT	NA	NA	49A,B	-	
INT LARGE WINDOW GLAZING	50	11	2	WEST RM	600LF	POOR	50A	+	\$3,000
INT LARGE WINDOW GLAZING	50	11	2	BOILER RM	225LF	POOR		+	\$1,125
INT SMALL WINDOW GLAZING	50	il.	2	ARCH RM	20LF	POOR	50B	+	\$100
INT SMALL WINDOW GLAZING	50		2	2ND FLOOR	120LF	POOR		+	\$600

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Materials Inventor de Cost Estimate Matrix Mill Building Across River

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	1.12						SAMPLE	KESUEJS	REMOVAL
TAR PAPER DEBRIS, LOAD DOCK	51		2	1ST FLOOP SOUTH			IN NOR	STATE OF LEASE	3200515
RED SHINGLE DEBRIS, LOAD DOCK	52	NA	2	1ST FLOOR SOUTH		PUOR	51A	+	\$500
THICK PLASTER ONE COAT	53	NA	2	MEST PM			52A	-	
THIN PLASTER HALF WALL	54	NA	2	WEST PM			53A,B,C	-	· · · · · · · · · · · · · · · · · · ·
VAPOR BARRRIER PAPER	55	NA	2	THROUCHOUT	NA .	NA	54A,B,C		
VAPOR BARRRIER PAPER	55	NA	2	THROUGHOUT		<u>NA</u>	55A		
INT LARGE WINDOW GLAZING	56		2	EAST DM			55B	-	6 000
INT LARGE WINDOW GLAZING	56		2		107515		56A	+	\$300
INT LARGE WINDOW GLAZING	56		2			POUR		+	\$9,375
LARGE BLOCK WINDOWS W/TAR	57	NA	2		NA NA	NA	56B	+	\$8,675
LARGE BLOCK WINDOWS W/TAR	57	NA		ISI FLOOR	NA	NA	57A		
PLASTER ROUGH COAT	58	NA NA	2	2ND FLOOR	NA NA	NA	57 <u>B</u>		
PLASTER SKIM COAT	58	NA NA		2ND FLOOR	NA NA	NA	58A,B,C		
1'X 1' CEILING TILE	59	NA	2	STORE PM OND FL	NA	<u>NA</u>	58D,E,F		
9" X 9" RED FLOOR TILE	00	- 101		STORE RW 2ND FL	NA	NA	59A,B		
BLACK MASTIC AND TAR	61			STORE RM 2ND FL	200SF	POOR	60A,B	+	\$400
SHEETROCK	62		- 2	STORE RM 2ND FL	NA	NA	61A,B		
	62		2	REAR OFFICES 2ND FL	NA	<u>NA</u>	62A,B		· · · · ·
WALL THE GROUT	03	NA	2	REAR OFFICES 2ND FL	NA	NA	63A,B	-	
BEIGE WALL THE MASTIC	65		Z	2ND FL BATHROOM	NA	NA	64A,B		· · · · ·
	05			2ND FL BATHROOM	NA	NA	65A,B		
	67	NA	2	2ND FL BATHROOM	NA	NA	66A,B	-	
CLOTH WRAP ON E C PIPE	- 07	<u>NA</u>		2ND FL BATHROOM	NA	NA	67A,B		
	68		2	2ND FLOOR	NA	NA	68A,B		
	- 09	NA		2ND FLOOR	NA	NA	69A,B		
REIGE MASTIC ASSOC W/ 70A D	70	NA	- 2	STORE RM 2ND FL	NA	NA	70A,B	<u> </u>	
CLOTH WIRING			2	STORE RM 2ND FL	NA	NA	71A,B		
	72		2	STORE RM 2ND FL	NA	NA	.72A		·····
	73	NA	2	3RD FLOOR	NA	NA	73A,B		
			2	EXTERIOR	600SF	POOR	74A,B	+	\$3,000
TAR PAPER UNDER SHINGLES	75	NA	2	EXTERIOR	NA	NA	75A,B	- 1	
		NA	2	EXTERIOR			76A,B	-	
			2	EXTERIOR	20000SF	POOR	77A,B	+	\$20,000
DILVER IAR & PAPER	78		2	EXTERIOR	20000SF	POOR	78A,B	+	\$20,000
BLACK TAR & PAPER	79		2	EXTERIOR	20000SF	POOR	79A,B	+	\$20,000

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Materials Inventory and Cost Estimate Matrix Mill Building Across River

ULTERIAL PESCHARMON	HOMO GENOUS AREA		i:jubici.	LOCATION	CUANTIFY	CONDITION	SAMPLE ID NO	RESULTS	ESTIMATED REMOVAL
FLANGE GASKET MATERIAL	137	. 1	2	THROUGHOUT	43EA	NA	NA	ASSUME	\$4 300
VALVE PACKING	138	RACM	2	THROUGHOUT	29EA	NA	NA	ASSUME	\$1,450
			÷					TOTAL	\$154,680

Materials Invent Cost Estimate Matrix Milr Building

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							100267	Sec.	ESTIMATED
UL: "FERIAL DESCRIPTION	াহান্যাচাদ	NESS AND	: <u>- 160</u> 5	LOCATION	QUANTITY	CONDITION	SAMPLE	RESULTS	REMOVAL
	A REAL	C. TIECOLT	, D		(SEILE/EA)	建造 的。	ID NO.	[] (0.1)	COSTS
T.S.I TAR WRAP	80	RACM	3	1ST FLOOR	350LF	POOR	80A.B	+	\$2.500
12" X 12" BEIGE FLOOR TILE	81	NA	3	1ST FLOOR	NA	NA	81A.B	-	
SHEETROCK	82	NA	3	1ST FLOOR	NA	NA	82A.B	-	
VAPOR BARRIER PAPER	83	NA	3	1ST FLOOR	NA	NA	83A	-	
VAPOR BARRIER PAPER	83	NA	3	2ND FLOOR	NA	NA	83B		
INTERIOR WINDOW GLAZING	84	NA	3	1ST FLOOR	NA	NA	84A	_	· · · · · · · · · · · · · · · · · · ·
INTERIOR WINDOW GLAZING	84	NA	3	2ND FLOOR	NA	NA	84B	_	2
PAPER WRAP ON PIPE	85	NA	3	1ST FLOOR	NA	NA	85A	-	······
PLASTER SKIM COAT	86	NA	3	1ST FLOOR	NA	NA	86A.B.C.D		
PLASTER SKIM COAT	86	NA	3	2ND FLOOR	NA	NA	86E/F.G		
PLASTER ROUGH COAT	87	NA	3	1ST FLOOR	NA	NA	87A B C D		
PLASTER ROUGH COAT	87	NA	3	2ND FLOOR	NA	NA	87E.F.G		
TRANSITE SHINGLES	88	-11	3	LOADING DOCK	150SF	GOOD	88A	+	\$750
TAR PAPER UNDER SHIGLES	89	NA	3	LOADING DOCK	NA	NA	89A.B		41.00
WOVEN CLOTH ABOVE DOORS	90	NA	3	LOADING DOCK	NA	NA	90A B		
TRANSITE ON HATCH DOOR	91	ii ii	3	BASEMENT	8SF	GOOD	91A B	+	\$40
T.S.I LAYERD PAPER DEBRIS	92	RACM	3	BASEMENT CRAWL SPACE	UNK	POOR	92A	+	\$2 500
T.S.I SOLID CORE DEBRIS	93	RACM	3	BASEMENT CRAWL SPACE	UNK	POOR	93A	+	\$2 500
THIN SHEETROCK	94	NA	3	LOADING DOCK	NA	NA	94A B		+=,000
T.S.I LAYERD PAPER	95	RACM	3	2ND FLOOR	40LF	POOR	954	+	\$800
GRAY SHINGLES	96	NA	3	EXTERIOR	NA	NA	96A B		
OLD BLACK SHINGLES	97	NA	3	EXTERIOR	NA	NA	97A B		
BUILT UP TAR & PAPER	98	NA	3	EXTERIOR	NA	NA	98A B		
ROLLED ROOFING W/ TAR	99		3	EXTERIOR	10000	POOR	99A B	+	\$40,000
ROLLED ROOFING	100	NA	3	EXTERIOR	NA	NA	100A.B		÷ 10,000
TAR AND FELT PAPER	101	1	3	EXTERIOR	10000	POOR	101A.B	+	\$40,000
BUILT UP TAR & PAPER	102	NA	3	EXTERIOR	NA	NA	102A B		÷ 10,000
EXT WINDOW GLAZING	103	NA	3	EXTERIOR 1ST FL	NA	NA	103A		
EXT WINDOW GLAZING	103	NA	3	EXTERIOR 2ND FL	NA	NA	103B		
FLANGE GASKET MATERIAL	137	1	3	THROUGHOUT	63EA	NA	NA	ASSUME	\$6,300
VALVE PACKING	138	RACM	3	THROUGHOUT	31EA	NA	NA	ASSUME	\$1,550
	·	···· · · · · · · · · · · · · · · · · ·						TOTAL	\$96.940

Materials Inventory Cost Estimate Matrix Various Exterior Buildings

	HOMOS			LOCATION	-	CONDITION		DECINTE	ESTIMATED
		CATECODY		LOOAIION	TOPAL LINE	CONDITION		NEOULIO	CODTO
SHED					RON SPIEN	网络拉利亚利亚			00313
ROLLED ROOFING	104	NA	4	EXTERIOR SHED	NA	NA	104A B		
TAR PAPER	105	NA	4	EXTERIOR SHED	NA	NA	105A B		
PUMP HOUSE		L.,	L			<u></u>	1		· · · · · ·
TOP LAYER BLACK SHINGLE	106	NA	5	PUMP HOUSE	NA	NA	106A.B	-	
BOTTOM LAYER BLACK SHINGLE	107	NA	5	PUMP HOUSE	NA	NA	107A.B		
FLANGE GASKET MATERIAL	137		. 5	PUMP HOUSE	3EA	NA	NA	ASSUME	\$300
VALVE PACKING	138	RACM	. 5	PUMP HOUSE	11EA	NA	NA	ASSUME	\$550
METAL STORAGE BLDG			<u> </u>						+0000
CLOTH WIRING	108	NA	6	METAL STORAGE BLDG	NA	NA	108A.B		
OIL STORAGE BLDG								·	
ROLLED ROOFING	109	NA	. 7	OIL STORAGE BLDG	NA	NA	109A.B	-	
STORAGE BLDG							Levin tin		
2ND LAYER ROOFING SHINGLE	110	NA	8	STORAGE BLDG	NA	NA	110A,B	-	· · ·]
BOTTOM LAYER SHINGLE	111	NA	8	STORAGE BLDG	NA	NA	111A,B	-	
TRANSITE ROOFING	112	11.	8	STORAGE BLDG	1000	POOR	112A	÷	\$5,000
WALLBOARD COVERING WINDOWS	113	NA	8	STORAGE BLDG	NA	NA	113A,B	-	
INTERIOR WINDOW GLAZING	114	1	8	STORAGE BLDG	675LF	POOR	114A,B	+	\$3,375
SMALL INTERIOR WINDOW GLAZING	115	11	8	STORAGE BLDG	120LF	POOR	115A,B	+	\$600
OLD CLOTH ELECTRICAL WIRE	116	NA	8	STORAGE BLDG	NA	NA	116A,B	-	
T.S.I LAYERD PAPER	117	RACM	8	STORAGE BLDG	400LF	POOR	117A	+	\$8,000
T.S.I SOLID CORE	118	RACM	8	STORAGE BLDG	100LF	POOR	118A	+	\$2,000
FIREHOSE	119	NA	8	STORAGE BLDG	NA	NA	119A,B	-	
BOTTOM LAYER TAR PAPER	120	NA	8	STORAGE BLDG	NA	NA	120A,B	-	
FLANGE GASKET MMATERIAL	137	1	8	STORAGE BLDG	21EA	NA	NA	ASSUME	\$2,100
VALVE PACKING	138	RACM	8	STORAGE BLDG	9EA	NA	NA	ASSUME	\$450
MILL BLDG BOILER ROOM									
T.S.I SOILD CORE	121	RACM	9	BOILER RM	150LF	POOR	121A	+	\$3,750
TANK INSULATION BLOCK	122	RACM	9	BOILER RM (2 TANKS)	400 SF	POOR	122A	+	\$12,000
CEILING BOARD	123	RACM	9	BOILER RM	500SF	POOR	123A	+	\$5,000
FURNACE BRICK	124	NA	9	BOILER RM	NA	ŇÁ .	124A,B	-	
ROOFING MATERIAL	125	NA	9	BOILER RM	NA	NA	125A,B	-	
FIRE HOSE	126	NA	9	BOILER RM	NA	NA	126A,B	-	
PLASTER ONE COAT	127	NA	9	BOILER RM	NA	NA	127A,B;C,D,E	-	



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Materials Invento Cost Estimate Matrix Various Exterior Buildings

MONTERIAL DESCRIPTION	HOMO CENOUS	MESHAP	BIDG	LOCATION	QUANTITY (SF/LF/EA)	CONDITION	SAMPLE	RESULTS (+/4)	ESTIMATED REMOVAL COSTS
FLANGE GASKET MATERIAL	137	1:	9	BOILER RM	37EA	NA	NA	ASSUME	\$3,700
VALVE PACKING	138	RACM	9.	BOILER RM	23EA	NA	NA	ASSUME	\$1,150
TURBINE BLDG	-					A		· · · · · · · · · · · · · · · · · · ·	
CEMENT ON SEAMS OF PIPE	128	NA	10	TURBINE BLDG	NA	NA	128A,B	-	
TRANSITE MATERIAL	129	NA.	10	TURBINE BLDG	NA	NA	129A,B	-	1
WINDOW GLAZING	130	NA	10	TURBINE BLDG	NA	NA	130A.B	-	· · · · · · · · · · · · · · · · · · ·
PLASTER ONE COAT	131	· NA	10	TURBINE BLDG	NA	NA	131A.B	-	
FLANGE GASKET MATERIAL	137	1	10	TURBINE BLDG	6EA	NA	NA	ASSUME	\$600
VALVE PACKING	138	RACM	10	TURBINE BLDG	3EA	NA	NA	ASSUME	\$150
WATER OUTLET AREA		· · ·		·		R			
ROLLED ROOFING	132	NA	11	WATER OUTLET AREA	NA	NA	132A		1
WINDOW GLAZING	133	NA	-11	WATER OUTLET AREA	NA	NA	133A		
BUILT UP ROOFING	134	· · · ·	11	WATER OUTLET AREA	30SF	POOR	134A	+	\$150
OUTLET FLAP	135	NA	11	WATER OUTLET AREA	NA	NA	135A		
TAR PAPER	136	1	. 11	WATER OUTLET AREA	200SF	POOR	136A	+	\$200
		····		······································			-	TOTAL	\$49,075

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Materials Inventory and Cost Estimate Matrix Debris Piles 1 and 2

MATERIAL DESCRIPTION	HOMO- GENOUS AREA #	NESHAP CATEGORY	BLDG	LOCATION	QUANTITY	CONDITION	SAMPLE	RESULTS	ESTIMATED REMOVAL
DEBRIS PILE 1				1		ļ	IU NO.	(+/-)	COSTS
BUILT-UP ROOFING	01	NA	12	THROUGHOUT		<u> </u>			
SHINGLE AND TAR	02	NΔ	12	TUPOLICUOUT		NA NA	P-1-01	-	
MUDDED ELBOW	03	PACM	12		NA	NA	P-1-02	- ·	
		RACIVI	12	SOUTHWEST	2 EA	NA	P-1-03	+	\$100
TILL AND FLASTER	04	<u>NA</u>	12	THROUGHOUT	NA	NA	P-1-04		\$100
FLANGE GASKET MATERIAL	137	1	12	SOUTHEAST	8 FA	INITACT	ACCUMED		
VALVE PACKING	138	RACM	12	SOUTHEAST	3 5 4	INTACT	ASSUMED	+	\$800
· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·	·					ASSUMED	+	\$150
DEBRIS PILE 2	T			· · · · · · · · · · · · · · · · · · ·	1			TOTAL	\$1,050
TAR AND SHINGLES	01	NA	4:0	TUPOUOUOU				1	
BUILT-LIP BOOFING	00	INA	13	THROUGHOUT	NA	NA	P-2-01		
MALL DOADD	02		13	THROUGHOUT	UNK	POOR	P-2-02	+	\$6.250
VVALLBUARD	03	NA	13	THROUGHOUT	NA	NΔ	P.2.03		ψ0,200
TSI DEBRIS	NA	RACM	13	FAST SIDE	1 00	DAMACED	1-2-05		
· · · · · · · · · · · · · · · · · · ·						DAWAGED	ASSUMED	+	\$100
								TOTAL	\$6,350

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Forbes and 1 eler, Inc.







ASBESTOS INVESTIGATIVE SURVEY REPORT

Former Cadle Company Brunswick Avenue Moosup, Connecticut

10/09/2001

Prepared for:

Mr. Robert McCarthy Aaron Environmental, Inc. 937 South Main Street Plantsville, CT 06479

Prepared by:

Forbes & Wheeler, Inc. 10 Ingraham Terrace P.O. Box 30467 Springfield, MA 01103

Forbes & Wheeler, Inc. Job No.: AARON-00-J001

Asbestos Investigative Survey Report Former Cadle Company, Brunswick Avenue, Moosup, CT Forbes & Wheeler Project NO.: AARON-01-J001

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Forbes & Wheeler Project NO.: AARON-01-J001

EXECUTIVE SUMMARY

As part of the Former Cadle Company Project, Forbes & Wheeler, Inc. was retained by Aaron Environmental, Inc. to inspect eleven (11) structures located on Brunswick Avenue Moosup, CT for the presence of Asbestos-Containing Materials (ACM). Forbes & Wheeler, Inc. performed the detailed inspection during the period of September 4-10, 2001.

The scope of the asbestos survey included both friable and non-friable suspect ACM (friable materials can be reduced to powder under ordinary hand pressure) that would be disturbed by the planned project. Please refer to Appendix A for a complete inventory of all suspect materials sampled and materials identified as containing regulated amounts of asbestos.

Please note that certain types sampling restrictions were imposed on Forbes & Wheeler, Inc. during the survey as many areas were structurally unsafe or not accessible. The identification of building materials and components suspect of containing asbestos was limited to visible and accessible materials.

This document and all its contents are considered proprietary information, and have been prepared for the exclusive use of Aaron Environmental, Inc. and employees of Forbes & Wheeler, Inc. It has been developed under private expense, and the contents are not to be disclosed to third parties without prior written consent of Forbes & Wheeler, Inc. and Aaron Environmental, Inc.

1.00 INTRODUCTION

1.01 Purpose & Scope

Forbes & Wheeler, Inc. was retained by Aaron Environmental, Inc. to conduct an asbestos investigative survey of eleven (11) structures of the former Cadle Company, located on Brunswick Avenue Moosup, Connecticut. The purpose of the asbestos survey was to identify, locate, and quantify all accessible building materials suspect of containing asbestos for the proper cleanup, removal and disposal.

1.02 Special Terms and Conditions

As required by the U.S. Occupational Safety & Health Administration (OSHA), the U.S. Environmental Protection Agency (EPA), and the State of Connecticut Department of Public Health (DPH), an EPA AHERA-accredited and DPH-certified asbestos inspector (see Appendix B) performed the material sampling. Destructive sampling was done in a manner to identify building materials.

1.03 Description of Buildings

Two story House attached to mill building

A two-story wood building that is partially attached to the main mill building. This unit consisted of smaller separate offices located on the first and second floors in addition to a unisex bathroom on the first floor and separate men's and women's bathrooms on the second floor. All structural beam joists were constructed of wood products. Heating system was branched off from the main mill building, thermal insulation with mudded elbows connected to individual heating units suspended from the ceiling. Domestic hot and cold water were non insulated and ran through walls and floor chases. Wall and ceiling systems consisted of a mixture of two coat plaster (original) and sheetrock/joint compound (newer). Two different types of 1' X 1" ceiling tile were observed. The original floor surface is wood tongue-and-groove flooring with a vapor barrier paper beneath. Several type of different floor coverings were utilized throughout the structure, including carpet, various 12" X 12" floor tiles, and various types of 9" X9" floor tiles. Windows were primarily original double-hung windows with exterior glazing. The exterior consisted of both transite shingles and wood clapboard shingles, and both materials had a vapor barrier paper under outer surfaces. No boiler room or hot water tank was observed, and no access was available to the exterior roof.

Three story brick building (Across river)

This three-story structure perimeter is constructed of brick and mortar. The first floor was divided into two sections. The west side was open with a mixture of wood and concrete flooring. Structural wood beams and steel columns supported the load bearing beams. A loading dock was located on the southwest corner with piles of debris with various roofing, siding and other various equipment. The eastside was divided with several work areas including a hot water tank room. The boiler room was located in the southwest corner and consisted of boiler, tank insulation, thermal insulation piping, and breeching. This area is in extremely poor shape due to weathering and moisture. The entire first floor has thermal pipe insulation throughout. Some of this, material has dislodged from the pipes above and scattered along the floor surfaces.

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Heating is wall-mounted radiators throughout all three floors, including several small ceiling mounted space heaters. Windows consisted of three different types large steel casement widows with interior and exterior glazing. Large block glass windows with cementious material between individual blocks and small double hung wood windows.

The second floor consisted a large open portion for work operations. In the northwest corner of the building, smaller subdivided offices were located. They consisted of a mixture of plaster and gypsum with joint compound walls. A storeroom along the west side had floor tile and ceiling tile. Two bathrooms were located on the second floor. Ceramic wall tiles and ceramic floor tile with associated grouts comprised interiors, in addition with ceiling tile. The third floor was not accessible due to unsafe floor conditions. Thermal insulation was observed from doorway. No other materials were visible from doorway. The exterior consisted of mostly brick and mortar, and transite shingles with tarpaper underlayment was observed on the southside. The roof system was not accessible; however roofing debris was located around the perimeter mostly on the eastside near the loading dock and northside. An observation from the embankment on the northeast corner of the building confirmed that similar material is present on the roofing system.

Three story mill building and various attached buildings

This three-story structure is partially demolished due to a recent fire. Exterior perimeter walls are rock and mortar. Interior walls are a two-coat plaster system thought the building, limited amounts of gypsum board were observed. The structural beams are a mixture of wood and steel supported by vertical columns. The main floor of the first and second area is a tongueand-groove hardwood floor, with barrier paper underneath. The heating system is combination of wall mounted radiator systems and, limited ceiling mounted space heaters. The main boiler located in the northeast side of the building produced all steam or hot water for heating and municipal usage. Various types pipe of insulation were observed throughout the entire building, these included fiberglass, thermal tar layered, solid core, and layered paper. Most insulation on the second floor was dislodged and scattered along the floor surface. Large steel casement windows with interior and exterior glazing are throughout the structure. The partial basement consisted of a non-insulated hot water tank with various service pumps and equipment and a non-accessible crawl space. The crawl space contained portions of loose pipe insulation debris on a dirt floor surface observed through a hatch doorway. The roof was not accessible. However, on the second floor middle and south portions, the roof had collapsed and samples were taken in that area only.

A loading dock was located on the south side of the building, and is constructed of cement block walls and a cement floor with no windows. A single space heater was observed with no pipe insulation. Transite shingles with a tarpaper underlayment was observed on the eastside. A stack of gypsum board was stacked along the south wall. No other material was observed.

A storage building is located on the north side of the building that is also constructed of rock and mortar. The interior structure is wood beams and columns; walls consisted of both wood and limited two-coat plaster system. A second floor loft existed but was not accessible. A small furnace/boiler existed of unknown manufacture or use. No thermal insulation was observed on the exhaust breeching. A fire door is located on the east door toward the boiler room. The heating system is wall-mounted radiator and ceiling mounted space heaters. Two types of pipe insulation were observed: solid core and layered paper. This insulation was loose



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dislodged and scattered throughout the structure. Three types of windows existed: large steel casement with interior and exterior glazing, double hung wood windows and block glass with cementious mortar. The roof was not accessible or structurally safe, and all samples were collected from ground level or from north/rear of the building. The roofing system is composed of a top layer transite shingle, and three layers of asphalt shingles with a tar- paper bottom.

Boiler room located on the east /northeast parcel.

This structure was originally attached to the mill building prior to the fire and partial demolition. This is structurally unsafe for a thorough inspection, and was thus limited to accessible areas. The main building is constructed with rock, brick and mortar. A one-coat plaster system is present. Large steel casement widows exist throughout the building, and no windows remain intact. The boiler manufacture is Babcock and Wilcox cross drum boiler. It is encased with brick and mortar. The boiler was not accessible and additional material (packing, gaskets, and additional material maybe located within the brick outer surface.) Three types of pipe insulation exists in the boiler room: solid core insulation, layered paper insulation, and fiberglass. Thermal block tank insulation exists on two separate tanks located in the boiler room. One tank is located to the east of the boiler and the other is located on the upper portion behind the boiler. Fire proofing ceiling debris, mudded elbows, thermal block insulation, and thermal pipe insulation are scattered throughout the entire structure. No roofing material remains intact and maybe scattered with other debris.

The turbine building is locate on the far east side of the building and was originally attached to the mill building structure. This structure is also composed of rock, brick and mortar. A one-coat plaster system is throughout the structure. Large steel casement widows are located on the north and east sides. No thermal pipe insulation was visible from the surface. A radiator on the north side of the structure provided heating. Under the floor surface runs large non-insulated pipes to feed water to the turbine. The turbine was not inspected for asbestos containing materials.

Water outlet area

This building no longer exits except for some partial walls of brick, mortar and wood. Two wooden double hung windows remain on the east side. This building was used to release water from the turbine back to the river. Several types of asphalt roofing materials were observed in the surrounding area next to the river. These included rolled roofing, built up roofing and tar, and asphalt shingles.

Other various buildings

Shed - Located on the north access road behind the mill building. This is a small wooden structure that has two layers of asphalt siding, rolled roofing material, and tarpaper.

Pump House - Located on the north access road behind the mill building. This is a small structure with formed concrete walls. A wooden roof is intact with two layers of asphalt shingles. A water tank is located within the structure no insulation observed.

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Corrugated metal storage building - Located to the west of the north access road behind the mill building. This is a steel beam structure with corrugated sheet metal siding and roof. Two wall mounted electric space heater are located within this structure. No other suspect materials exist.

Oil storage building - Located to the east of the north access road behind the mill building. This is concrete and cement block structure that contains two 20,000-gallon oil storage tanks. The top portion contained several wooden beams with rolled asphalt roofing.

2.00 ASBESTOS INVESTIGATIVE SURVEY

2.01 General Summary

The following asbestos survey section presents the survey results, methods, and conclusions based on survey findings. Detailed information relative to ACM descriptions, locations, and quantities are detailed in the appendices to this report.

2.02 Interviews Conducted

Individuals interviewed to gather building information include the following:

Rob McCarthy, Aaron Environmental, Inc.

Mr. McCarthy assisted in the coordination of the field survey effort in order to ensure that all areas were made accessible.

2.03 Asbestos and Other Environmental Reports

No other environmental reports were made available to Forbes & Wheeler, Inc. for review.

2.04 Building Records

A site plan drawing was provided by Aaron Environmental for field mark-up and building identification purposes.

2.05 Limitations and Exceptions of Survey

The identification of building materials and components suspect of containing asbestos was limited to visible and accessible materials. Many areas were deemed structurally unsafe or not accessible these areas. These areas included:

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Two story house attached to mill building

Room 1-06 Crawl space under southeast portion Roof
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Mill building across river

West room west side and north side Crawl space under the northeast portion Second floor east, center, west, northwest portions Entire third floor Roof

Mill building

Basement crawl space throughout East side first floor Second floor east and west portions Roof

Storage building

Loft Roof

Boiler Room

Interior boiler

Turbine Room

Below floor surface

2.06 Survey Methodology

The EPA "Asbestos NESHAP Clarification Regarding Analysis of Multi-layered Systems" (40 CFR Part 61, [FRL-4821-7] regulations, issued January 5, 1994) states that when joint compound and/or tape is applied to wallboard it becomes an integral part of the wallboard and in effect becomes one material forming a wall system. Therefore, EPA requires that where a demolition or renovation impacts such a wall system, the results of the analysis of the separate components (joint compound, tape and wallboard) be composited for a single analytical result Therefore, in accordance with the requirements of the NESHAP regulations, Forbes & Wheeler, Inc. collected wallboard and associated joint compound for composite analysis where asbestos was detected in one of the components. Sampling and analysis procedures specifically followed EPA's Asbestos Sampling Bulletin, "Supplementary Guidance on Bulk Sample Collection and Analysis" (September 30, 1994) which details improved methods and specific procedures for sampling and analysis of multi-layered materials.

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OSHA does not view wallboard and joint compound as a composite material and does not accept composite bulk sample analysis under the OSHA Asbestos Construction Standard. Therefore, in order to comply with both the EPA's compositing requirements and OSHA's requirement for individual component analysis, Forbes & Wheeler, Inc. collected each material separately for laboratory analysis. A composite result is reported for the wall system. A wall system containing asbestos in one of its components will have an additional comment stating which component contains the asbestos, as well as the quantity of asbestos in that component. On this project, individual sheetrock and joint compound component materials were analyzed positive for asbestos content on the 1st floor of the 2-story house. sheetrock/joint compound materials tested negative for asbestos content. All other individual

Initially, one sample of each homogeneous material was submitted to the laboratory for analysis. If this first sample result was found to contain asbestos, the remaining samples were not submitted. If this first sample result was negative, then the remaining samples were submitted for analysis. In this manner, Forbes & Wheeler, Inc.'s protocol minimized analytical costs without compromising the integrity of the survey findings.

Samples were collected using a wet technique to prevent airborne fiber release. Each suspect material was sampled using a knife to cut through its entire thickness to ensure that a complete cross section was obtained. Samples were then placed in appropriately labeled containers that were sealed and submitted to an independent testing laboratory (EMSL Analytical, Inc.) for petrography analysis using the EPA-endorsed Polarized Light Microscopy with Dispersion Staining (PLM/DS) method. The percentage of asbestos present in each sample was determined by the visual area estimation technique.

2.07 Key Definitions

The National Emissions Standards for Hazardous Air Pollutants (NESHAPS, 40 CFR Part 61, 11/20/90) of the U.S. Environmental Protection Agency classifies ACM according to the following three categories:

Regulated Asbestos-Containing Material (RACM) means: (a) friable ACM, (b) Category I Nonfriable ACM that has become friable, (c) Category I Nonfriable ACM that will be or has been subjected to sanding, cutting, or abrading, or (d) Category II Nonfriable ACM that has a high probability of becoming or has become crumbled, pulverized, or reduced to powder by the forces expected to act on the material in the course of demolition operations (including asbestos removal activities). If any these materials occur in a building, they must first be removed by a licensed asbestos abatement contractor prior to building demolition. exception to the requirement for removing ACM prior to demolition applies to buildings that are structurally unsound and in danger of imminent collapse as documented and signed by a local

Category I Nonfriable ACM means: asbestos-containing packings, gaskets, resilient floor covering, and asphalt roofing products containing more than one (1) percent asbestos. These materials need not be removed prior to building demolition as long as these materials are not subjected to sanding, cutting, or abrading, or otherwise rendered friable during demolition

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Category II Nonfriable ACM means: any material, excluding Category I Nonfriable ACM, containing more than one (1) percent asbestos. These materials need not be removed prior to building demolition as long as they do not become crumbled, pulverized, or reduced to powder by the forces acting on the materials in the course of demolition operations.

Friable asbestos material means: any material containing more than one (1) percent asbestos that, when dry, can be crumbled, pulverized, or reduced to powder by hand pressure.

3.0 RESULTS FROM BUILDING INSPECTION AND SAMPLING

A total of 143 homogenous applications of suspect ACM were identified. A total of 277 samples were collected and submitted for laboratory analysis. Fire doors were not sampled but should be assumed to contain asbestos. Please refer to Appendix A for analytical results and locations of all materials sampled.

The following materials were observed during the survey and were determined not to be suspect as containing asbestos in the judgment of the certified asbestos inspector, and thus were not sampled:

- Concrete Flooring
- Exterior Brick
- Exterior Mortar
- Exterior Rock Foundation
- Wood/Flooring/Partitions/Doors
- Glass
- Steel/ Beams/ Equipment/Columns
- Fiberglass Pipe Insulation
- Rolled Fiberglass Insulation
- Vinyl Light Wiring

4.00 CONCLUSIONS AND RECOMMENDATIONS

Forbes & Wheeler, Inc. was retained by Aaron Environmental Inc. to inspect the accessible areas at the Former Cadle Company located on Brunswick Avenue Moosup, CT for the presence of Asbestos-Containing Materials (ACM). Forbes & Wheeler, Inc. performed the detailed inspection during the period of September 4-10, 2001.

The scope of the asbestos survey included both friable and non-friable suspect ACM (friable materials can be reduced to powder under ordinary hand pressure) that would be disturbed by the planned project. Please refer to Appendix A for a complete inventory of all suspect materials sampled and materials identified as containing regulated amounts of asbestos.

4.01 Cost Estimates

The estimated cost to remove identified ACM throughout the site is approximately \$374,000. This estimate depends on design alternates, and whether any work practice waivers can be obtained during the remediation design phase.

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4.02 Recommendations & Regulatory Requirements

In accordance with EPA NESHAPS regulations (40 CFR Part 61), building owners must remove all ACM from a facility (or area of a facility) before any activity begins that would break up, dislodge, or similarly disturb the ACM.

Also, In accordance with the State of Connecticut Department of Public Health, Public Health Code 2000, Environmental Health regulations (19-13-B2, Abatement of Nuisance), should the local director of health find the existence of a nuisance, the director is authorized to issue an order for abatement of the nuisance. With respect to asbestos, it is Forbes & Wheeler's interpretation that friable materials that are damaged and accessible to the public or building occupants may constitute a nuisance, thus requiring abatement.

Debris Pile No. 1

Asbestos-containing fittings insulation, flange gaskets, and valve packing were identified on the top layer of the pile and located on the HVAC ductwork and pump on the southern portion of the pile.

Debris Pile No. 2

Asbestos-containing roofing materials were identified on the top layer of the pile and scattered throughout the pile. Thermal systems insulation debris appears to be located on the southwest portion of the pile.

Please note that materials identified on the debris piles represent materials that were visibly observed on the surface only. Should any additional materials suspect of containing asbestos be discovered beneath the surface of the piles during construction activities, such materials must either be assumed and handled as asbestos, or evaluated by a certified Asbestos Inspector prior to any further construction activities that would disturb such materials.

Materials Containing Less Than 1% Asbestos and OSHA Regulations

The shipyard employment standard for asbestos, 29 CFR 1915.1001; the General Industry standard for asbestos, 29 CFR 1910.1001; and 29 CFR 1926.1101 are the only OSHA asbestos for regulating the asbestos health hazard presented by material containing <1% containing <1% asbestos.

Many times during building surveys, materials are identified as containing <1% asbestos, or "trace." These materials are commonly defined as "non-ACM" by the consulting firm and therefore allowed to remain during demolition. The problem with this common practice, however, may possibly lead to violations and liability problems. It is therefore important not to dismiss materials noted with trace amounts on the laboratory report. At a minimum, it should be made clear to demolition contractors that the building contains materials with trace amounts of asbestos in order for them to properly manage these materials.

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The following materials contain less than 1% asbestos:

- Canvas Paper Wrap (Mill Bldg across River, 1st floor, west room)
- Small Electrical Cloth Wiring (Mill Bldg across River, 1st floor, west room)
- Electrical Cloth Wiring (Mill Bldg across River, 2nd floor store room)
- Electrical Cloth Wiring (Mill Bldg, Storage Room No. 2, Material No. 116)
- Fire Hose (Mill Bldg boiler room)

If the demolition operation involves material containing <1% asbestos, the work is not a designated class of asbestos work. Therefore, only 29 CFR 1926.1101(g)(1)(ii) and (iii), as well as those recordkeeping requirements under 29 CFR 1926.1101(n) that are associated with the negative exposure assessment, apply so long as neither asbestos permissible exposure limit (PEL) is exceeded or might be exceeded. 29 CFR 1926.1101(g)(1)(ii) requires:

"Wet methods, or wetting agents, to control employee exposures during asbestos handling, mixing, removal, cutting, application, and cleanup, except where employers demonstrate that the use of wet methods is infeasible due to for example, the creation of electrical hazards, equipment malfunction, and, in roofing, except as provide in paragraph (g)(8)(ii) of this section;"

Also please note that 29 CFR 1926.1101(g)(1)(iii) requires:

"Prompt clean-up and disposal of wastes and debris contaminated with asbestos in leak-tight containers except in roofing operations, where the procedures specified in paragraph (g)(8)(ii) of this section apply."

On the other hand, if at least one of the asbestos PELs is exceeded or might be exceeded, then all the requirements that are not strictly reserved as work practice requirements for Class I, II, III, or IV asbestos work apply or might apply. An exception would be if there were not frequent enough exposures above the asbestos PELs to activate a specific requirement. For example, an employer is not required to make a medical surveillance program available to an employee who is not engaged in Class I, II, or III work or exposed at or above a permissible exposure limit for a combined total of 30 or more days per year.

An example of the many requirements that apply when either one of the asbestos PELs is exceeded is 29 CFR 1926.1101(j)(4) which states, "The employer shall ensure that employees do not smoke in work areas where they are occupationally exposed to asbestos because of activities in that work area." This requirement applies wherever the employer must establish an asbestos-associated regulated area. Such a regulated area must be established where Class I, II, or III asbestos work is done or where at least one of the asbestos PELs is exceeded.

In order to avoid the need to comply with the elements of the OSHA asbestos construction standard that are applicable when either asbestos PEL is exceeded, the contractor conducting the demolition project must produce an initial negative exposure assessment for his/her

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Note that 29 CFR 1926.1101(k) sets out the responsibilities of employers for providing employees information on the presence of asbestos. The requirements at 29 CFR 1926.1101(k)(3) are not applicable to employees doing demolition work involving material containing <1% asbestos because the scope of the requirements is limited to ACM and PACM. However, if the employee asbestos exposure levels exceed one or both of the PELs, the employees will be informed of the presence of asbestos because the employer must establish a regulated area and implement procedures that comply with 29 CFR 1926.1101(e).

In accordance with the OSHA regulations (29 CFR Part 1926.1101 and 1910.1001), all potential contractors bidding on work must first be informed of the results of this survey. In addition, notification regarding the presence of the ACM must be provided to all employees and tenants who occupy an area containing ACM.

5.00 SIGNATURE OF CONSULTANTS

This report has been prepared for the exclusive use of Westfield Design & Construction. Photocopying of this document by parties other than those designated by Westfield Design & Construction or use of this document for purposes other than it is intended, is prohibited.

Respectfully submitted this <u>11th</u> day of <u>October</u> 2001.

FORBES & WHEELER, INC.

Steve Niec

Project Manager

Scott M. Mossey

Asbestos Inspector

Forbes & Wheeler Project NO .: AARON-01-J001

6.00 QUALIFICATIONS OF CONSULTANTS AND LABORATORIES

The pre-renovation/ demolition survey was conducted during the period of September 4-10, 2001 by Scott M. Mossey licensed by the State of Connecticut Department of Public Health (license number 000371). Please refer to Appendix B. (Forbes & Wheeler, Inc. Lab and Staff Accreditation Certificates) for evidence of the required training and certification credentials.

Bulk samples collected during the inspection were analyzed by EMSL Analytical. EMSL is fully accredited for bulk sample analysis under the National Voluntary Laboratory Accreditation Program (NVLAP) administered by the National Institute of Standards and Technology (NIST). Copies of the lab's NIST (NVLAP) accreditation certificates are included herein. The lab is also licensed by the Connecticut Department of Public Health. A copy of the Laboratory Services accreditation certificates can be found in Appendix B. All bulk samples were analyzed for asbestos content using EPA Method 600/R-93/116.

Our laboratory's quality assurance and control program was developed in strict compliance with NIST/NVLAP requirements and involves the following key components: 1) use of established or standard sampling and analytical methodologies; 2) continuous monitoring of the operational performance of the laboratory; and 3) periodic evaluation of the performance and analytical variability of each laboratory analyst.

The laboratory also sends approximately one percent of its samples to other independent accredited laboratories as part of an inter-laboratory quality assurance program. The comparative data generated by this procedure is used to assess overall program quality objectives.

All samples are carefully handled and stored as to assure their integrity. Bulk samples are routinely retained for a period of 30 days after results are reported to allow for any required analytical follow-up and/or reanalysis. If you wish to retain the bulk samples, please make a written request to Forbes & Wheeler within ten (10) days from the date you received this report.

Appendix A

Materials Inventory and Cost Estimate Matrix; Analytical Reports

Materials Inventory Cost Estimate Matrix Mill Building/2-Story House

Party Row of De

	-lehiC				and the second second		Market States and the	Sector 1 .	ESTIMATER
	SIEV(OUS)	MESIALE MECIALIA	1.712	1.[0]#11.m(0].	COLULI, PROD	CONDITION	SAMPLE	RESULTS	REMOVAL
PLASTER ROUGH COAT	1	NA		TUDOLIO	SELFIER		DNO	(+/-)	COSTS
PLASTER SKIM COAT	2	NA	┥╌┾╸	THROUGHOUT	NA	NA	01A,B,C,D,E	-	\$0
THERMAL SYSTEM INSULATION	3	RACM			NA	NA	02A,B,C,D,E	-	
THERMAL SYSTEM INSULATION	3	RACM		RM1-01	20LF	POOR	02A	+.	\$500
THERMAL SYSTEM INSULATION	3	PACM	┼╌╬┈	RM1-02	25LF	POOR		+	\$625
THERMAL SYSTEM INSULATION	3	RACM	+	RM1-04	40LF	POOR		+	\$1,000
THERMAL SYSTEM INSULATION	3	RACM		RM2-03		POOR		+	\$375
THERMAL SYSTEM INSULATION	3	RACM	╋╋	RM2-05	15LF	POOR		+	\$375
T.S.I MUDDED ELBOW	4	RACM	<u>+</u> ;	RM2-06	<u>1LF</u>	POOR		+	\$25
T.S.I MUDDED ELBOW	4	RACM	┨╌╶╦╌╴	RM1-01	2EA	POOR	03A	+ ,	\$100
T.S.I MUDDED ELBOW	4	RACM		RM1-04	6EA	POOR		+	\$300
SHEETROCK	5	NA		RM2-06	1EA	POOR		+	\$50
JOINT COMPOUND & TAPE		PACM		THROUGHOUT	NA	NA	05A,B		
JOINT COMPOUND & TAPE		BACM			400SF	GOOD	06A	+	\$2 000
JOINT COMPOUND & TAPE		BACH		RM1-04	800SF	GOOD		+	\$4,000
JOINT COMPOUND & TAPE		- RACM		RM1-05	400SF	GOOD		+	\$2,000
JOINT COMPOUND & TAPE		PACH		RM1-07	1100SF	GOOD		+	\$5,500
JOINT COMPOUND & TAPE		BACH		S-01	300SF	GOOD	-	+	\$1,500
JOINT COMPOUND & TAPE		RACM	- 1		500SF	GOOD		+	\$2,500
JOINT COMPOUND & TAPE		- RACM		RM2-04	500 SF	GOOD	06B	+	\$2,500
12" X 12" RED FLOOOR TILE			1	RM2-05	400 SF	GOOD		+	\$2,000
BEIGE MASTIC ASSOC W/07A.B	- 	- I		RM1-01	25SF	POOR	07A,B	+	\$50
BROWN GLUE ON FIBERGLASS WRAP		NA NA		RM1-01	NA	NA	08A,B		
BLACK VAPOR BARRIER PAPER		NA NA		RM1-01	NA	NA	09A		
BLACK VAPOR BARRIER PAPER	10			THROUGHOUT 1ST FLOOR	NA	NA	10A,B	-	
9" X 9" RED FLOOR TILE				THROUGHOUT 2ND FLOOR	NA	NA			
BLACK MASTIC & TAR PAPER	-+	I		RM1-02	200SF	POOR	11A,B	+	\$400
BEIGE WALL TILE MASTIC		NA NA		RM1-02	NA	NA	12A		
THICK CLOTH WIRING	14	NA		RM1-03	NA	NA	13A,B		
THIN CLOTH WIRING		NA		RM1-03	NA	NA	14A		
BROWN FLOOR THE		NA		RM1-03	NA	NA	15A		<u> </u>
BROWN FLOOR THE	16			RM1-03	100SF	POOR	16A	+	\$300
BROWN ELOOP THE	16		1	RM1-04	500SF	POOR	16B		\$1.500
	16	<u> </u>	1	RM1-05	120SF	POOR			
NOWN FLOOR TILE	16		1	RM1-07	600SF	POOR			
DLAUK MADIIC & IAR PAPER	17	NA	1	RM1-03	NA	NA	470	* ·	\$2,400
ALACK MASTIC & TAR PAPER	17	NA	1	RM1-04	NA		1/A	<u> </u>	
BLACK MASTIC & TAR PAPER	17	NA	1	RM1-05			178	<u> </u>	
LACK MASTIC & TAR PAPER	- 17	NA			NA				
EIGE CARPET MASTIC	18	NA		RM1_04					
	- Andrew State of the second se		<u>l</u> `	L/MLL-0-4	· NA	NA	18A	- 1	1

Materials Inventory and Cost Estimate Matrix Mill Building/2-Story House

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	গ্রমাগ্রন	xL==1=1=1=	1.1.1.1.C	(0)5% 13(0)?	alifikasan				ESTIMATE
BEIGE CARPET MASTIC		1.2711 E E E E E E E	10 J.D.		- CA-UA- (1) A NE DI HEIE	CONDITION	SAWPLE	RESULTS	REMOVAL
12" X 12" PARKAY FLOOR THE		NA :	1	RM1-05	NIA NIA		SEALED NO. 19		COSTS
BROWN WALL PANEL MASTIC		NA	1	RM1-07	N/A	NA	18B	-	
BROWN STAIR TREAD	20		1	S-01	20005	NA	19A,B	-	
12" X 12" BEIGE FLOOP THE	21	NA	1	S-01		GOOD	20A,B	+	\$1,500
12" X 12" BEIGE FLOOR THE	22	1	1	S-01		NA	21A,B	-	
12" X 12" BEIGE ELOOR THE	22	1	1	RM2-03	12055	POOR / *	22A	+	\$250
12" X 12" BEIGE ELOOP THE	22	1	1	RM2-04	200SF	POOR		+	\$400
9" X 9" BEIGE ELOOP THE	22		1	BM2-05	150SF	POOR	22B	+	\$300
9" X 9" DOT ELOOP THE	23		1	NV2-00	300SF	POOR		+	\$600
	24	1		RM2-01	60SF	POOR	23A,B	+	\$120
ATTI FOUR LILE MASTIC	25	NA			120SF	POOR	24A,B	<u>† − </u> +	\$240
BATTILESHIP LINELOUM	26	NA		THROUGHT 2ND FLOOR	NA	NA	25A.B	tt	
X 1' CEILING TILE	27	NA		RM2-04	NA	NA	26A.B	<u>├</u>	
" X 9" WHITE FLOOR TTILE	28			RM2-06	NA	NA	274 B	┟───┼	
RANSITE SHINGLES	29			RM2-06	600SF	POOR	284 P		
AR PAPER UNDER TRANSITE	30			EXTERIOR	2000SF	POOR	204,0	+	\$1,200
APOR BAR. PAPER UNDER CLABOARD	21	NA		EXTERIOR	NA	NA	294,0	+	\$10,000
RONT DOOR WINDOW GLAZING		NA		EXTERIOR	NA	NA			
INDOW GLAZING		NA NA	1	EXTERIOR	NA	NA	31A,B		
SPALT SHINGLES		NA		EXTERIOR	NA	NA	<u>3ZA,B</u>		
OOFING TAR/ PAPER	34	NA	1	EXTERIOR	NA		33A,B		
ANGE GASKET MATERIAL	35		1	EXTERIOR	4200SE	BOOD	34A,B		
	137		1	S-0 1	164	POOR	35A,B	+	\$21,000
ERCURY THEROMETER SWITCH	138	RACM	1	THROUGHOUT	6EA		NA	ASSUME	\$100
NOT THE COMPLETER OWNICH	NA	NA	NA .	RM2-03		NA	NA	ASSUME	\$300
						NA	NA	NA	
							•	TOTAL	\$66,370

\$66,370

Materials Inventory Cost Estimate Matrix Mill Building Across River

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	SET (SEF		=jj_j_ A	۲. ار ا وادیانیا	CLANS		SAMPLE	RESULTS	ESTIMATED REMOVAL
HARD PACKED GASKET	36	NA					DNO		COSTS
CLOTH WOVEN GASKET	37	NA		BOILER RM	<u>NA</u>	NA	36A,B	-	
BOILER JACKET INSULATION	38	RACM		BOILER RM	NA	NA	37A;B	-	
BOILER BLOCK INSULATION	39	RACM		BOILER RM	600SF	POOR	38A	+	\$9.000
BREECHING CAULKING	40	1010101	<u>+</u>	BOILER RM	600SF	POOR	39A	+	\$9.000
CEILING BOARD	41	RACM		BOILER RM	3SF	POOR	40A,B	+	\$30
CEILING BOARD	41	PACH	2	BOILER RM		POOR	41A,B	+	\$3,000
T.S.I SOLID CORE	42	PACH	2	ARCH RM	700 SF	POOR		+	\$7,000
T.S.I SOLID CORE	42	PACM	2	BOILER RM	15LF	POOR	42A	+	\$375
T.S.I LAYERD PAPER	43	BACH	<u> </u>	EAST RM	40LF	POOR		+	\$1,000
TSI DEBRIS	43	PACM	2	BOILER RM	10LF	POOR	43A	+	\$200
T.S.I LAYERD PAPER	43	PACHA	2	BOILER RM	225 SF	POOR		+	\$450
TSI DEBRIS	43	PACIN	2	WESTRM	50LF	POOR		+	\$1,000
T.S.I LAYERD PAPER	43	RACM DACM	2	EAST RM	500 SF	POOR		+	\$1,000
T.S.I LAYERD PAPER	43	PACM	2	EAST RM	350LF	POOR		+ (\$7,000
T.S.I LAYERD PAPER	43	- RACM	2	ARCH RM	40LF	POOR		+	\$800
S.I LAYERD PAPER	43	- RACM	2	2ND FLOOR	15LF	POOR		+	\$300
AR/LAYERD PAPER	40	- RACM	2	3RD FLOOR	400LF	POOR		+	\$8,000
AR/ LAYERD PAPER		PACM	2	WATER TANK RM	35LF	POOR	44A	+	\$1,050
AR/LAYERD PAPER		RACM	2	WOOL RM	30LF	POOR		+	\$900
LOTH WOVEN EQUIPMENT		RACM	2	EAST RM	60LF	POOR	44B	+	\$1,800
LOTH WOVEN EQUIPMENT	45	<u>NA</u>	2	WEST RM	NA	NA	45A		φ1,000
	40	<u>NA</u>	2	EAST RM	NA	NA	45B		·
S.I MUDDED FLBOWS	40		2	THROUGHOUT	UNK	POOR	46A.B	+	96.000
S.I MUDDED ELBOWS	47	RACM	2	EAST RM	36EA	POOR	47A		\$0,000
S.I MUDDED ELBOWS	4/	RACM	2	BOILER RM	1EA	POOR			\$1,000
S.I MUDDED ELBOWS	41	RACM	2	WEST RM	3EA	POOR			\$150
S.I MUDDED ELBOWS	47	RACM	2	ARCH RM	2EA	POOR			\$100
APER WRAP ON PIPE	4/	RACM	2	3RD FLOOR	35EA	POOR			¢1.00
	48	NA	2	WEST RM	NA	NA	48A B		<u>φ1,750</u>
	49	<u>NA</u>	2	THROUGHOUT	NA	NA	49A R		
	50		2	WEST RM	600LF	POOR	50A		\$2 000
	0		2	BOILER RM	225LF	POOR		<u> </u>	\$3,000
T SMALL MINDOW GLAZING	00	1	2	ARCH RM	20LF	POOR	508		\$100
I SINFILL WINDUW GLAZING	50	<u> </u>	2	2ND FLOOR	120LF	POOR			\$100 \$600

Materials Inventory and Cost Estimate Matrix Mill Building Across River

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	Siel/eis	1=51:1:1:	<u>=] }[</u>	10127101(0)1	all Annon	CONDITION	I SAMPLE	RESULTS	REMOVAL
TAR PAPER DEBRIS LOAD DOCK		C. SECON	NED		SECSE.		ID NO		COSTS
RED SHINGLE DEBRIS LOAD DOCK	50		2	1ST FLOOR SOUTH	UNK	POOR	51A	+	\$500
THICK PLASTER ONE COAT	52	NA NA	2	1ST FLOOR SOUTH	NA	NA	52A		
THIN PLASTER HALE WALL	53	NA	2	WEST RM	NA	NA	53A.B.C		
VAPOR BARRRIED PADED	54	NA	2	WEST RM	NA	NA	.54A.B.C		······
	55	NA	2	THROUGHOUT	NA	ŇA	55A		
INT LARGE WINDOW OLAZINO	50	NA	2	THROUGHOUT	NA	NA	55B		
INT LARGE WINDOW GLAZING	50	<u> </u>	2	EAST RM	NA	NA	56A	+	\$300
INT LARGE WINDOW GLAZING	56	!!	2	3RD FLOOR	1875 LF	POOR			\$000 \$0.375
ADCE DI OCK MINDOW GLAZING	56		2	2ND FLOOR	NA	NA	56B		¢9,375
LARGE BLOCK WINDOWS WIAR	5/	NA	2	1ST FLOOR	NA	NA	57A		φ0,075
DIAGE BLOCK WINDOWS W/TAR	5/	NA	2	2ND FLOOR	NA	NA	57B		
PLASTER ROUGH COAT	58	NA	2	2ND FLOOR	NA	NA	58A B C		
TLASTER SKIM COAT	58	NA	2	2ND FLOOR	NA	NA	58D.E.F		
	59	NA	2	STORE RM 2ND FL	NA	NA	59A.B		
	60		2	STORE RM 2ND FL	200SF	POOR	60A.B		\$100
SUSETBOOK	61	NA	2	STORE RM 2ND FL	NA	NA	61A.B		
	62	NA	2	REAR OFFICES 2ND FL	NA	NA	62A.B		
IJOINT COMPOUND/ TAPE	63	NA	2	REAR OFFICES 2ND FL	NA	NA	63A.B		
REAL HILE GROUT	64	NA	2	2ND FL BATHROOM	NA	NA	64A B		
BEIGE WALL TILE MASTIC	65	NA	2	2ND FL BATHROOM	NA	NA	65A B		
	66	NA	2	2ND FL BATHROOM	NA	NA	66A B		
BATHROOM WALL PANEL	67	NA	2	2ND FL BATHROOM	NA	NA	67A B		
CLOTH WRAP ON F.G. PIPE	68	NA	2	2ND FLOOR	NA	NA	68A B		
BLACK TAR ON F.G PIPE	69	NA	2	2ND FLOOR	NA	NA	69A B		
LINELOUM ON COUNTER TOP	70	NA	2	STORE RM 2ND FL	NA	NA	70A.B		
BEIGE MASTIC ASSOC W/ 70A,B	71	NA	2	STORE RM 2ND FL	NA	NA	71A.B		
	72	NA	2	STORE RM 2ND FL	NA	NA	72A		
TRANSITE OUNOU F	73	NA	2	3RD FLOOR	NA	NA	73A.B		
	74	!	2	EXTERIOR	600SF	POOR	74A.B	+	\$3,000
RUNTING TAP & EELT	75	NA	2	EXTERIOR	NA	NA	75A,B		+0,000
BLACK SHINCLE		NA	2	EXTERIOR			76A,B		
			2	EXTERIOR	20000SF	POOR	77A,B	+	\$20.000
OILVER TAK & PAPER	78		2	EXTERIOR	20000SF	POOR	78A,B	+	\$20.000
DLAUR TAR & PAPER	79	<u> </u>	2	EXTERIOR	20000SF	POOR	79A,B	+	\$20,000

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Materials Inventory Cost Estimate Matrix Mill Building Across River

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FLANGE GASKET MATERIAL VALVE PACKING	137 138	I RACM	2	THROUGHOUT THROUGHOUT	43EA	NA	NA	ASSUME	COSTS \$4,300
					29EA	NA	NA	ASSUME	\$1,450 \$154,680

Materials Inventory Cost Estimate Matrix Mill Building

	- ()1/JC								ESTIMATE
and the second se		NESTIN:	SULIC.	LOCATEL	DISLAN PROM	CONDITION	SAMPLE	RESULTS	REMOVAL
T SI TAR WPAD		CHILECORA	C.		SPUGIER		DNO		CORTO
	80	RACM	3	1ST FLOOR	350LF	POOR	80A B	+	60 E
SHEETROCK	81	NA	3	1ST FLOOR	NA	NA	81A B		ΦΖ,Ο
	82	NA	3	1ST FLOOR	NA	NA	824 B		
	83	NA	3	1ST FLOOR	NA	NA	834	<u> </u>	
INTERIOR MINDOW OF ATTING	83	NA .	3	2ND FLOOR	NA	NA	838	+	
INTERIOR WINDOW GLAZING	84	NA	3	1ST FLOOR	NA	NA	844	┼──┤	
INTERIOR WINDOW GLAZING	84	NA	3	2ND FLOOR	NA	NA	04/1		
PAPER WRAP ON PIPE	85	NA	3.	1ST FLOOR	NA	ΝΔ	95A	· · ·	
LASTER SKIM COAT	86	NA	3	1ST FLOOR	NA	NA			
LASTER SKIM COAT	86	NA	3	2ND FLOOR	NA		BOA,B,C,D	┝──┼	
LASTER ROUGH COAT	87	NA	3	1ST FLOOR		NA	86E,F,G	· · ·	······
LASTER ROUGH COAT	87	NA	3	2ND FLOOR		<u>NA</u>	87A,B,C,D		
RANSITE SHINGLES	88	11	3		15005	NA	87E,F,G		
AR PAPER UNDER SHIGLES	89	NA	3		15055	GOOD	88A	+	\$75
VOVEN CLOTH ABOVE DOORS	90	NA	3		NA	NA	89A,B		
RANSITE ON HATCH DOOR	91		3	BASEMENT	NA	NA	90A,B		
S.I LAYERD PAPER DEBRIS	92	RACM	3	BASEMENT ODAWN ODAOS	8SF	GOOD	91A,B	+	\$4
S.I SOLID CORE DEBRIS	93	RACM	3	BASEMENT CRAVE SPACE	UNK	POOR	92A	+	\$2,50
HIN SHEETROCK	94	NA		BASEMENT CRAVVL SPACE		POOR	93A	+	\$2,50
S.I LAYERD PAPER	95	RACM			NA	NA	94A,B		
RAY SHINGLES	98	NA		2ND FLOOR	40LF	POOR	95A	+	\$80
LD BLACK SHINGLES	07			EXTERIOR	NA	NA	96A,B	-	
UILT UP TAR & PAPER	09			EXTERIOR	NA	NA	97A,B		
OLLED ROOFING W/ TAR	00		3	EXTERIOR	NA	NA	98A,B	-	······
OLLED ROOFING	100		3	EXTERIOR	10000	POOR	99A,B	+	\$40,000
	100	NA	3	EXTERIOR	NA	NA	100A,B		
			3	EXTERIOR	10000	POOR	101A,B	tv .	\$40.000
	102	NA	3	EXTERIOR	NA	NA	102A,B		
	103	NA	3	EXTERIOR 1ST FL	NA	NA	103A		
ANGE CASKET MATERIA	103	NA	3	EXTERIOR 2ND FL	NA	NA	103B	-	
IVE BACKING	137		3	THROUGHOUT	63EA	NA	NA	ASSUME	\$6 300
	138	RACM	3	THROUGHOUT	31EA	NA	NA	ASSUME	\$1 550
· · ·						······	I		040 909

Materials Inventor st Estimate Matrix Various Exterior Buildings

									ESTIMATED
				L'CACTAIN CINE		CONDING	N SAMPLE	RESULIS	REMOVAL
SHED		and the second	and the second se				IL UNO		COSTS
ROLLED BOOFING	104	NA			1		····	·	· ·
TAR PAPER	104	NA	4	EXTERIOR SHED	NA	NA	104A,B	· · _	
PUMP HOUSE	1 105	NA NA	4	EXTERIOR SHED	NA	NA	105A,B	<u> </u>	
TOP LAYER BLACK SHINGLE	108	NA	E	DUMPTIONOF	1	T	1	T	r
BOTTOM LAYER BLACK SHINGLE	107	NA	5		NA NA	NA	106A,B	<u> </u>	· · · · · · · · · · · · · · · · · · ·
FLANGE GASKET MATERIAL	137	IV.	5				107A,B		
VALVE PACKING	138	RACM	<u>5</u>				NA	ASSUME	\$300
METAL STORAGE BLDG	1					NA	NA	ASSUME	\$550
CLOTH WIRING	108	NA	8	NETAL STOPACE DI DO	l No	l' sta	1	T	
OIL STORAGE BLDG				METAL STORAGE BLUG		<u>NA</u>	108A,B	-	
ROLLED ROOFING	109	NA	7				14004 0		
STORAGE BLDG		101		UIL STORAGE BLDG		NA	[109A,B	L	
2ND LAYER ROOFING SHINGLE	110	NA	.8	STOPACE PLDC			1 4400 5	·····	
BOTTOM LAYER SHINGLE	111	NA	<u>8</u>	STOPACE PLDG		NA.	110A,B		
TRANSITE ROOFING	112	10.	8		1000	NA DOOD	<u>111A B</u>		
WALLBOARD COVERING WINDOWS	113	NA	8	STORAGE BLDG	NA	PUOR	112A	+	\$5,000
INTERIOR WINDOW GLAZING	114		8		87515	BOOR	113A,B		
SMALL INTERIOR WINDOW GLAZING	115		8	STORAGE BLDG	12015	POOR	114A,B	+	\$3,375
OLD CLOTH ELECTRICAL WIRE	116	NA	8	STORAGE BLDG		FUUR	115A,B	+	\$600
T.S.I LAYERD PAPER	117	RACM	8	STORAGE BLDG	40015	POOR	110A,B		
T.S.I SOLID CORE	118	RACM	8	STORAGE BLDG	1001 5		1104	+	\$8,000
FIRE HOSE	119	NA	8	STORAGE BLDG	NA	FOUR	1104		\$2,000
BOTTOM LAYER TAR PAPER	120	NA	8	STORAGE BLDG	NA	NA NA	119A,D		<u> </u>
FLANGE GASKET MMATERIAL	137	1	8	STORAGE BLDG	2164	<u>ΝΛ</u>	120A,D	ACOUNT	
VALVE PACKING	138	RACM	8	STORAGE BLDG		ΝΔ ΝΔ	NA	ASSUME	\$2,100
MILL BLDG BOILER ROOM	· · · · · · · · ·					11/1		ASSUME	\$450
T.S.I SOILD CORE	121	RACM	9	BOILER RM	150LF	POOR	1214		\$2 750
TANK INSULATION BLOCK	122	RACM	.9	BOILER RM (2 TANKS)	400 SF	POOR	1224		\$3,750
CEILING BOARD	123	RACM	9	BOILER RM	500SF	POOR	1234		\$12,000
FURNACE BRICK	124	NA	9	BOILER RM	NA	NA	124A R		40,000
ROOFING MATERIAL	125	NA	9	BOILER RM	NA	NA	125A B		{
FIRE HOSE	126	NA	9	BOILER RM	NA	NA	126A B		i

Materials Inventory Cost Estimate Matrix Various Exterior Buildings

		115(5)5(4)= ()(((((((((((((((((((((((((((((((((<u>=1 s(c</u>) <u>P</u>	i Cictria (Vi		Celvidinio)	SAMPLE	RESULTS	ESTIMATEL REMOVAL
VALVE PACKING	137	· 1	9	BOILER RM	37EA	NA			COSTS
	138	RACM	9	BOILER RM	23EA	NA NA		ASSUME	\$3,700
CEMENT ON SEAMS OF PIPE	120			· · · · · · · · · · · · · · · · · · ·			<u> </u>	ASSUME	\$1,150
TRANSITE MATERIAL	120	<u>NA</u>	10	TURBINE BLDG	NA	NA	128A B	1	
WINDOW GLAZING	129	<u>NA</u>	10	TURBINE BLDG	NA	NA	1294 B	╂┈┈╌╴┨	
PLASTER ONE COAT	130	NA	10	TURBINE BLDG	NA	NA	130A B	<u> </u>	
FLANGE GASKET MATERIAL	131	NA	10	TURBINE BLDG	NA	NA	131A B	 	
VALVE PACKING	13/		10	TURBINE BLDG	6EA	NA	NA		
WATER OUTLET AREA	138	RACM	10	TURBINE BLDG	3EA	NA	NA	ASSUME	\$600
								ASSUME	\$150
WINDOW GLAZING	132	NA	. 11	WATER OUTLET AREA	NA	NA I	1324	I	
BUILT UP ROOFING	133	NA	11	WATER OUTLET AREA	NA	NA	1324		
	134		11	WATER OUTLET AREA	30SF	POOR	1244		
	135	NA	11	WATER OUTLET AREA	NA	NA	134A	·	\$150
CALCULATION OF A CONTRACT OF A	136		11	WATER OUTLET AREA	200SF	POOP	1204		
						TOOR	136A	+	\$200
						•		TOTAL	\$49,075

\$49,075

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Materials Inventory Cost Estimate Matrix Debris Piles 1 and 2

MATERIAL DESCRIPTION	Homo- Genous Area #	NESHAP CATEGORY	BLDG ID	LOCATION	QUANTITY	CONDITION	SAMPLE ID NO	RESULTS	ESTIMATED REMOVAL
DEBRIS PILE 1						İ			00313
BUILT-UP ROOFING	01	NA	12	THROUGHOUT	NA	ΝΔ	D 1 01		
SHINGLE AND TAR	02	NA	12	THROUGHOUT			P-1-01		
MUDDED ELBOW	03	RACM	12	SOUTHWEST	2 5 4		P-1-02	-	
TILE AND PLASTER	04	NA	12	THROUGHOUT			P-1-03	+	\$100
FLANGE GASKET MATERIAL	137	1	12	SOUTHEAST		NA	P-1-04	-	·····
VALVE PACKING	138	RACM	12	SOUTHEAST	8 EA	INTACT	ASSUMED	+	\$800
			12	SUUTIEAST	3 EA	INTACT	ASSUMED	+	\$150
DEBRIS PILE 2		·····	·					TOTAL	\$1,050
TAR AND SHINGLES	01	NA	42	TUPOLIOUAUT					
BUILT-UP ROOFING			13	THROUGHOUT	NA	<u>NA</u>	P-2-01	-	
WALLBOARD			13	THROUGHOUT	UNK	POOR	P-2-02	+	\$6,250
	03	NA	13	THROUGHOUT	NA	NĂ	P-2-03	-	1
	NA	RACM	13	EAST SIDE	1 SF	DAMAGED	ASSUMED	+	\$100
				. ,				TOTAL	\$6,350

1

Forbes & Meelee

A LANGE AND A LONG AND A

CHAIN OF CUSTODY SUPPLEMENT ASBESTOS BULK SAMPLE DATA

i

BATCH NO .: NIA JOB NO .: Amanal -

FACILITY NA	ME & ADDRESS:	
Former	Cadle Co. Bana ich An	(0 < 1)
Sample ID Nc(s)	Material Description	Sample Location
GIA	pluster Rough Coat	Rom 1-01
OIB		Ru 1-02
016		Ray Jooks
QID		Ron 2-01
OIE		Ra 2-03
02.4	plaston Skim cont	Ru 1-01
023		1-02
020		Ka 1-ay
020		en 2
02 E		Rn 2-07
	TSI (layerd paper)	Ron 1-01
OH K	TSI model Stor	Ra 1701
OFA.B	sheetont	Ru 1-02/Ra 2-0
66 A.B	Jaist Compand / Tape	Ren 1-02 (Ra 2.0
OTA.B	Red 12"x12" Floor T.L	la leal IRILL.
OBA.B	Beige most Assoc WTA.B	Ren 1-06 IR-LA
STOP AT	1 ST POSITIVE	LITOW-100
	ALL SAMPLES	Page of ;

C-VF&W Data/FORMS/Bulk-Chain Supplemental Sheet.doc

Forbes & Weeler

BATCH NO .: NIA

FACILITY NA	ME & ADDRESS:	
Far	ner talle car Ross 1 a	
Sample ID No(s)	Material Description	Sample Location
094	Brown Glic ca. fibereless large	Rin Imi
JOA, B	Black unper barron pipen	Rm 1-02
114.0	9"x 9" Rad Floor 46	P. 1003
DA.B	Black mushes + Tor peper 114,B	Ron 1-02
13A.B	Being well the master	Run 1707
144.0	Thick clathe wiving	Re 1-2
ISALB	then dethe wiring	Rn (
16 A.3	Brown Flore t. C.	Ren 1-03 / Ren 1-00
174,3	Mark masher + Tor pyr Kot. 19	Ron 1-03 / Ron 1-04
18AA	Brige Carpet mostic	Rin Joney 10 105
294,B	12 ×12" Parkey Floor ble	Ren 1-07
Log. A	Brown hall parel mushe	5-01
2in, 0	Aren Sharfred	8-51
224,0	12" ×12" Beige Floor the	Sol Lander (Ren 2-04
23 A. A	9 * 8" Beice Plus the	le 2-1
24:4.13	9"x9" Floor t.L. (Dat)	Ra 2-02
STOP AT	1 ST POSITIVE	
ANALYZE	ALL SAMPLES	Page 2 of 12

C.F&W DataFORMSBulk-Chein Supplemental Sheet.doc

Forbes & Wheeler

JOB NO .: Ann - DI- Joe

FACILITY NAI	ME & A	DDRESS:	
Former		adle Co. Romand	n Casi III
Sample ID No(s)		Material Description	Sample Location
25A.B	10	h march R at at it	
JGA.A	B	Highing Ing (12ml)	Ra 201/2006
27.4.0	, .	(ayen)	En 2.04
0000	0.4	celling the	Ra 2-01/2-06
		4 Latherton Flour to Ca	Ron 2-06
Radia		meite Shingle Ent	Extenier
SOA.A	7_	- peper inclu Trasita	Exterior
SIA B		por bassin paper clabard	Exterior
SZA.B	K	Danc lumbure glaring	Est Bast door.
354,0		indow Glazing	and floor 1 1st floor
34A.B		philt shingles to tar	Suterier
35A.A		- peper	Erfair
· · ·	·		
	·		
·····			
	·		
STOP AT 1	ST POS	SITIVE	
ANALYZE	ALL SA	MPLES	Page 3 of 12
C.YEW Deterforms	Bulk-Cipe	n Supplemental Sheet doc	

Forbes & Meeler

BATCH NO .: MA

FACILITY NA	ME & ADDRESS:	
Former	Calle Co. Brossiel Are (K	Lass River
Sample ID No(s)	Material Description	Sample Location
36A.8	Hand packed Coasket Makin	Bo. In Ra
37A.6	Clath waven Gastet	Bo. (m Ray
384	Boiler Jacket Tsi (Enk)	Bo. La Rom
37 A	Theread Black Tosublin (Tol)	Boile Ka
40 A.B	Breeching Caulking	Bala Ru
41A.	For post carling beaml	K. K. R.
418	Fire prost cailing band	Bila Ros
424	Tsi May Ima 1/2 Core "	East em
43A	This Canad area	Sul e
44A.B	Tar + Loyen ane h	colen kink / East Rom
45A.B	Clath File machine equip	host Rom / Fast Rom
Cheft. B	lancer elector (Cable (Thick)	East Em
47 A	muddeal Ellow	Sach Ra
48A	Carvas South Endown	back en 11%
49 A	clathe wire wood the (smill)	last Ro 11/2
SOM	Interior window Charles (Lunger)	hest Ran
STOP AT	1 ST POSITIVE	
ANALYZE	ALL SAMPLES	Page 4 of 1

CNF&W Detail OFENS Bulk-Chain Supplemental Sheet.doc

Forbes & Weeslee

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CHAIN OF CUSTODY SUPPLEMENT ASBESTOS BULK SAMPLE DATA

JOB NO .: Ann - al- Joan

FACILITY NA	ME & ADDRESS:		
Farmer	Culle Co Randin La 1	<u>`</u> ^	2. 1
Sample ID No(s)	Material Description		sample Location
50 B	Interior windows Chain And a		
SIA	Tor paper debus lockin And		ch kn
SI A	Red shingles debris looding Dock	G	est Re
SAA.A.C	Thick plaster one Coat	Amoth	Side last Re
54A.B.L	This plaster Half Wall	Sast	side bast lon
557A.B	Vapor barren paper caden floor	1sh Ha East P.	r / 2nd floor
SLA.B	Interior window Glazing (Com shal)	151 G	ar I and flow
57 A.B	Carper Black Class / Tar + Mastic	14 Hz	1 gad flow
58 A. A. C	pluster Rough Coat	greek	Clocar.
58 A.E.F.	pluster Skim Cost	2rd	llust
59 A.B	ixi c.T Store Rom	she	Run 2nd plan.
60 A.A	9 × 9 ° Red Alex t. C.	Sha	la 2nd Aver.
61A.B	Nach Mashin + Tar poper	Starre	he and day
62A.0	Sheedonek	Reco	after 2nd floor.
63A.G	Joint Compand 1 Tape	Rev	ables 2nd flow.
64A.B	Tile Gaut	Billow	- 2 - Alar
STOP AT	1 ST POSITIVE		•
ANALYZE	ALL SAMPLES		Page 5 of 12

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Forbes & Weeler

BATCH NO .: All A

32

FACILITY NA	ME & ADDRESS:	<u>·</u> _	
E		\boldsymbol{c}	
Sample ID No(s)	Material Description		Sample Location
65A.B	Tile Mastic (Berge)	ß	themen 2nd Clar
GL A.B	I'XI' ceiling the	A.	throom 2nd floor.
674.0	Buttonia pinel	B	Man 2nd floor
68 4.B	Clathe way on Fibergless pipe	2	Apar East side
69 A.B.	Black has an Eberghia insultin	ြ	and Alex Rev allere
TOA.A	Cinclaum Counter top	3.	& Aur Store Roy
TIA.S	Brige masking Assac W TUA.B	2	A flow Show Lim
72.A.	de cluth wiring 61%	2-4	" fleer Slove In
73A.B.	Ceiling board	31	d floor
74A.	Transite shingle	3	sterior South side
75A.B	Tar poper under (shingles)	5	chenin Sull Sich
No A.B	Built up tor & full popen		storm Rout
TA.C	Black shingles		stern Reef
78 A.A	Silven tor + peper	8	storing Rost
79A.B	Black be paper	8	closs lot
STOP AT	1 ST POSITIVE		

ANALYZE ALL SAMPLES

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Page 6 of 1

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Forbes & Weesler

FACILITY NA	ME & ADDRESS:		
Former	Calle Co. Broswitch A.	Condia	4 A)
Sample ID No(s)	Material Description	Sampl	e Location
BOA, R	Tac wap Tsi	ISL Alma	work and
BIA.B	12" × 12" Beize floor tole	1st Floor Sault	1st Plust
824.3	Sheeloch	1st Acar Ha	the hard flag
83A.B	Vapor burros puper	154 Am /	2nd Plus
84A.B	taken window Glazing	1st Plan -	End fluer South
85 A	paper unp on psper (wellen)	154 Alexa	Sall cid.
86 4	plaster skin cout	Jet Elege	And Cd
86 3		1st flore Are	herest.
86 C		1sh Phar	west .
86 0		1st Acris	South Seit
86 E		2nd Alact S	outh sust
86 F.		2nd Aug	South lest
86 G		2nd Close	East
87A	pluster Rough Cout	1st flag	Augh S.I.
873		152 Elar	Arally 1 - 1
876	+	1st fl	1 L
STOP AT	1 ST POSITIVE		Lucest -

ANALYZE ALL SAMPLES

Page 7 of /2

CAFEW Data/FORBS/Buik-Chain Supplemental Sheet.doc

Forbes & Weester

-J

CHAIN OF CUSTODY SUPPLEMENT ASBESTOS BULK SAMPLE DATA

BATCH NO .: ALA JOB NO .: Arman - 4/- 3-

FACILITY N	AME & ADDRESS:		
Former	Calle Co. Bassuich A.	Cin	I a the
ID No(s)	Material Description		ample Location
87 0	plysta Rough Court	151 CI	S II C I
87 E		2nd AL	Sull Cul
87 P		2 mi El	Suff Lad
876		2nd fl	- Sast
884	Tousit Shingles	Local	n Dark
BAAS	Tac piper unler shing la	Landi	Oach
90 A.B	losaver clathe place overhand dears	(and	line Anch
91 A.B.	Torosite on Ikich dear	Buceme	+ coul sau
92.A	Lagend paper TSI debus	Such	crand space.
93À	Solid Care my debres	Sust	crand space
94A.B	This sheetsach piled in larly and	4	Ding Cock
<u>95A</u>	The logal agen on Parkicher	and de	- South side
96 A.B.	Gray Shingle	Sul Re	and floor Lector bole
97 A.G	Ald Black Shingles	SEL R	2nd Aloor Contar hole
98A. 6	Built up her to the paper	Such Real	2nd floor t center hale
19 A.S	Called Rading w Tar	EL R	I cate pala
ANALYZE			• • • • • • • •
	ALL SAMPLES		Page 8 of 12

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Forbes & Weeeler

BATCH NO .: NIA JOB NO .: Arma - al - Jayl

FACILITY NA	ME & ADDRESS:	
Former	Calle co. Annual A.	$C_{\mu\nu}$
Sample ID No(s)	Material Description	Sample Location
100 A.A.	Ralled Labing	and Plan light
101 A.B	Tar + felt poper	2nd flor bast
1024,3	Built up Renting has I falls	2nd Aur hest
103 A.	East window glazing	150 chere worth
103 B	Ext windows glazing	2 as flow South
104 A.B	Ralled Rating Shingles	shel (Ext)
105 A.B	Tar pipe	Shel (Ext)
Mark B	Tap layer shingle	pump house
107 A.A	Botton layon shingles	pino house
108 A.B.	ald cloth wing	melal shower Ald #1
JOSA.S	Rolled Rocking	al storage back blog
HOR.G	the large shingle	Stormen Bldg # 2
INA.S	Bottom layer string Cas	Stone ALL #2
112.4	Transita Ehicola	Show BLL #2
113 A.B	livel board Covering amelous	show sch #2
114A.B	Interior Consider Charing	Starter NI #2
STOP AT	1 ST POSITIVE	
	ALL SAMPLES	Page 9 of D

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Forbes & Weesler

BATCH NO .: NIA JOB NO .: Ann -ol - To

FACILITY NA	ME & ADDRESS:	· · · · · · · · · · · · · · · · · · ·		
Farma	- Calle Co. Bassaich A.		all a it. N	
iD No(s)	Material Description	Sample Location		
ISA.B	Exterior Coinclus Charing	store	- 364 HZ	
116 A.B	all clath wiring [1].	store	- B(1, #2	
117 A	TST laged pipe	Sten	ALI #2	
118A	TST Sold love Mag	sta	o(1 + 2	
117 A.B	Firehose	shree	366 H 2	
120 A.A	Tar pypen under 2 layers Shine Ce	Shar	- all #2	
DIA .	May TST piping (solid Com)	Baile	Rus	
1224	Thermal may black (Tank)	Bul	e no	
123 A.A	Cailing material	Briles	P	
124A.B	Brick Bolen	Baile	Rin	
125A.B	Built up forting Tarlage	Bailes	- Pinn	
DGA.G.	Fore buse L/10	Ball	u Ra	
127 A	plaster are cost	S	(m Ro	
1273		ß,	les les	
1276		B. ('n Ra	
1270	+ + +	Bo, C	in ka	
STOP AT	1 ST POSITIVE			
ANALYZE	ALL SAMPLES		Page 10 of 12	

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Forbes & Wesseles

BATCH NO .: NIA JOB NO .: Amon - ol - Total

FACILITY NA	NE & ADDRESS:	
Farmer	Cadle Co. Braswick	Are Carll RIAN
Sample ID No(s)	Material Description	Sample Location
127 E	plaster one cont	Beile Ka
128 A.A	Traste like making	Turbine aven
129 A.A	Coment layer (talet takes)	techine area
130 A.S	Window Glazing	Tersine area.
DIA	pluster are cont	Tersine Bldg
131 B		Turkin Oldy
131 C		Tersine Blog
ISI D		Testin Bly
137.4		Turn seg
133 A	- Kolled Rating	hate achlab Area
134 4	Built no later	Lecter outlet streen
135-A'	- outlet Flue Riller + Canas	lock anthet Arca
126 19-	Tar apr	lactor owhat Brea
		The Arcon
·		
STOP AT 1	ST POSITIVE	•
ANALYZE	ALL SAMPLES	Page // of /2

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Forbes & Weeeler

BATCH NO .: AUTA

Farmer	Gradle Co- Banswick A	re ()	Debus pile # 1)
D No(s)	Material Description		Sample Location
- @1	Built up Ronting	p.le	# {
	Shingles + Tar paper	p,(<u>H</u> 1
-03	Mudded Slow Insulation	م م	# (
1.04	the + plaster	p.le	_# (
2-01	Tor shingles	م.(.	#2
1-02	Built up Rocking	p.h	#2
2-03	Luciebrand	p, le	#2
		***	· · · · · · · · · · · · · · · · · · ·
			· · ·
			· ·
			· · · · · · · · · · · · · · · · · · ·
STOP AT 1 ⁵	TPOSITIVE		

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7)

107 Haddon Ava., Westmont, NJ 03108

Phone: (856) 858-4800 Fax: (856) 858-4960 Email: ssiegel@EMSL.com

Site:	South Marray		
Au.	Scott Wossey	Customer ID:	FORB50
	POIDES & Wheeler, Inc. P.O. Boy 30467	Customer PO:	
	10 Ingraham Terrace	Received	09/17/01 11:55 AM
	Springfield, MA 01103-0467		
Fax [.]	(413) 732-3635 Phone: 413-732-6011		
Project:	#ARRON-01-J001/FORMER CADLE CO., BRUNSWICK AVE., MOOSUP, CT	EMSL Order: EMSL Project ID:	040114685
		Analysis Date:	9/27/2001

Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

J.C.MUSSE,

raye

4140

LATE SIZOLOUT TUDUU, MINI

					<u>Non-A</u>	sbestos		Asbestos		
Sample	Location	Appearance	Treatment	% Fib	rous	% Non	-Fibrous	% Type		
01A 040114685-0000	RM 1-01	Gray/Brown/Tan Fibrous Heterogeneous	Crushed	1% 5%	Cellulose Hair	94%	Non-fibrous (other)	None Detected		
01B 040114685-0002	RM 1-02	Gray/Brown/Tan Fibrous Heterogeneous	Crushed	1% 5%	Cellulose Hair	94%	Non-fibrous (other)	None Detected		
01C 040174688-0003	RM 1-04	Gray/Brown/Tan Fibrous Heterogeneous	Crushed	1% 15%	Cellulose Hair	84%	Non-fibrous (other)	None Detected		
01D 84011-862-45004	RM:2-01	Gray/Brown/Tar: Fibrous Heterogeneous	Crusned	1% 15%	Cellulose Hair	84%	Non-fibrous (other)	None Detected		
01E 040114685-0005	RM 2-03	Gray/Brown/Tan Fibrous Heterogeneous	Crushed	1% 5%	Cellulose Hair	94%	Non-fibrous (other)	None Detected		
02A WKH 14685-2005	RM 1-01	Gray/Tan Non-Fibrous Heterogeneous	Crushed	<1% <1%	Celluiose Har	100%	Non-fibrous (other)	None Detected		
92B (49114685-0007	RM 1-02	Gray/Tan Non-Fibrous Heterogeneous	Crushed	<1% <1%	Cellulose Hair	100%	Non-fibrous (other)	None Detected		
02C 040114885-0005	RM 1-04	Gray/Tan Non-Fibrous Heterogeneous	Crushed	<1% <1%	Cellulose Hair	100%	Non-fibrous (other)	None Detected		
02D (40114035-0009	RM 2-01	Gray/Tan Non-Fibrous Heterogeneous	Crushed	<1% <1%	Cellulose Hair	100%	Non-fibrous (other)	None Detected		

Analyst(s)

Delores Beard (19) Scott Combs (117)

Stephen Siegel, CIH or other approved signatory

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PLM-1

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107 Haddon Ave., Westmont, NJ 08108

Phone: (856) 858-4800 Fax: (856) 858-4960 Email: ssiegel@EMSL.com

Attn	Scott Mossey Forbes & Wheeler, Inc. P.O. Box 30457 10 Ingraham Terrace	•	Customer ID: Customer FQ: Received:	FORB50 09/17/01 11:55 AM
Fax	Springfield, MA 01103-0467 (413) 732-3635	Phone 413-732-5011	EMSL Order:	040114685
Project:	#ARRON-01-J001/FORMER AVE, MOOSUP, CT	CADLE CO., BRUNSWICK	EMSL Project ID:	
			Analysis Date:	9/27/2001

Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

	•		<u>Non-Asbestos</u>						<u>Asbestos</u>	
Sample	Location	Appearance	Treatment	% Fil	nous	% Nor	-Fibrous	% Type	pe	
02E 0407 (4655-Collin)	RM 2-03	Gray/Tan Non-Fibrous Heterogeneous	Crushed	<1% <1%	Cellulose Hair	100%	Non-fibrous (other)	None C	Detected	
03A 840174685-0011	RM 1-01	Gray/Brown/Green Fibrous Heterogeneous	Teased	30% 1%	Cellulose Synthetic	24%	Non-fibrous (other)	45%	Chrysotlle	
04A 640114586-0112	RM 1-01	White/Peach Fibrous Heterogeneous	Teased Dissolved	1%	Cellulose	69%	Non-fibrous (other)	30%	Chrysotile	
05A 940174685-9013	RM 1-02	Gray/Brown Fibrous Heterogeneous	Tessed	30%	Cellulose	70%	Non-fibrous (other)	None C	Detected	
05B 040114085-0014	RM 2-04	Gray/Brown Fibrous Heterogeneous	Teased	30%	Cellulose	70%	Non-fibrous (other)	None I	Detected	
06A JOINT COMPOUND 040+14685-0015	RM 1-02	Tan Non-Fibrous Heterograms	Dissolved	1%	Cellulose	96%	Non-fibrous (other)	3%	Chrysotile	
06A TILE 040114695-0231	RM 1-02	Tan/Gray Fibrous Heterogeneous	Teased Ashed	98%	Cellulose	2%	Non-fibrous (other)	None [Detected	
06B Na01.14685-(6) 5	RM 2-04	Tan/Gray Fibrous Heterogeneous	Teased Ashed	98%	Cellulose	2%	Non-fibrous (other)	None C	Detected	
06B TILE	RM 2-04	Tan/Gray Fibrous Heterogeneous	Teased Ashed	98%	Cellulose	2%	Non-fibrous (other)	None I	Detected	

Analyst(s)

Delores Beard (19) Scott Cambs (117)

Stephen Siegel, CIH or other approved signatory

2

PLM has been known to miss achietos in a small percentage of samples which contain asbesios. Negative PLM results cannot be guaranteed. Samples reported as <1% or none detected should be rested with TEM. The above test report relates only to the items tasted. This report may not be reproduced, except in full, without written approvel by EMS. Analytical, the The show test must not be used by the client to claim product endorsement by NVLAP not any agency of the United States Government. Analysis performed by EMS, Westman: (NVLAP #101048-6), NY ELAP 10872

PLM-1

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EMSL Analytical, Inc.

107 Haddon Ave., Westmont, NJ 08108

Phone: (856) 858-4800 Fax: (856) 858-4960 Email: ssiegel@EMSL.com

				1	
Attn:	Scott Mossey Forbes & Wheeler, Inc.		Customer ID: Customer PO;	FORB50	•
	10 Ingraham Terrace Springfield, MA 01103-0467		Received	09/17/01 11:55 AM	
Fax:	(413) 732-3635	Phone: 413-732-6011			
Project:	#ARRON-01-J001/FORMER AVE., MOOSUP, CT	CADLE CO., BRUNSWICK	EMSL Order: EMSL Project ID	040114685	
			Analysis Date:	8070001	

Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Daniala		· .		Aspestos				
campie	Location	Appearance	Treatment	% FI	orous	% Nor	-Fibrous	% Tyme
07A 0401 14585-0017	RM 1-01 (FRONT FOYER)	Red/Brown Fibrous Heterogeneous	Crushed Dissolved		· · · · · ·	90%	Non-fibrous (other)	10% Chrysotile
07B 040114685-0019	RM 1-01 (FRONT FOYER)		··· - · · · · · · · · · · · · · · ·	· .	· ·		······	Not Analyzed
08A 0401 14085-0019	RM 1-01 (FRONT FOYER)	Gold Non-Fibrous Homogeneous	Dissolved	<1%	Cellulose	100%	Non-fibrous (other)	None Detected
08B 043114085-0029	RM 1-01 (FRONT FOYER)	Gold Non-Fibrous Homogeneous	Dissolved	<1%	Cellulose	100%	Non-fibrous (other)	None Detected.
09A 640114685-0021	RM 1-01	Orange Non-Fibrous Homogeneous	Dissolved	<1%	Cellulose	100%	Non-fibrous (other)	None Detected
09B (40/14685-0282 	RM 1-01	Orange Non-Fibrous Homogeneous	Dissolved	<1%	Cellulose	100%	Non-fibrous (other)	None Detected
09B 94011468540293	RM 1-01	Orange Non-Fibrous Homogeneous		<1%	Cellulose	100%	Non-fibrous (other)	None Detected
10A 040114685-0022	RM 1-02	Brown/Orange/Bla ck Fibrous Heterogeneous	Teased Ashed	97% <1%	Celluiose Synthetic	3%	Non-fibrous (other)	None Detected
10B 6401 12555-0023	RM 1-02	Brown/Orange/Tan Fibrous Heterogeneous	Teased Ashed	97% <1%	Celluiose Synthelic	3%	Non-fibrous (other)	None Detected

Analyst(s)

Delores Beard (19)

Scott Combs (117)

Stephen Sieger, CIH or other approved signatory

3

PLM has been known to miss esterilos in a small percentage of samples which curblin aspectos. Negative FLM results cannot be guaranteed. Samples reported as <1% or none detected with TEM. The above test report relates only to the items bated. This report may not be reproduced, except in full, without written auptroval by EMS_ Analytical, Inc. The above test must not be used by the client to caim product endorsement by NV_AP in or any equency of the United States Sovernment.

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Phone: (856) 858-4800

107 Haddon Ave., Westmont, NJ 08108

		·			
Attn:	Scott Mussey Forbes & Wheeler, Inc. P.O. Box 30467		Customer ID: Customer PO:	FORB50	
	10 Ingraham Terrace		Received:	C9/17/01 11:55 AM	
Fax	Springfield, MA 01103-0467			· .	
Project	41000 1 32-3033	Phone 413-732-5011	EMSL Order:	040114685	
Pioleu.	AVE., MOOSUP, CT	CADLE CO., BRUNSWICK	EMSL Project ID.		
			Analysis Date:	9/27/2001	

Fax: (856) 858-4960 Email: ssiegel@EMSL.com

Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

raye Dilo

Date. 9/28/2001 10.50.40 AlVI

					Non-A		Aspestos	
Sample	Location	Appearance	Treatment	% Fil	brous	% Non	-Fibrous	% Type
11A /#0114685-0024	RM 1-02	Brown Fibrous Heterogeneous	Crushed Dissolved			85% Non-fibrous (other		15% Chrysotile
11B %(//14005-0025	RM 1-02					· · ·		Not Analyzed
12A 04011 14585-0025	RM 1-02	Black/Brown Fibrous Heterogeneous	Teased Dissolved	75% 1%	Cellulose Synthetic	24%	Non-fibrous (other)	None Detected
12B 040114685-0077	RM 1-02	Black/Brown Fibrous Heterogene ous	Teased Dissolved	75% 1%	Cellulose Synthetic	24%	Non-fibrous (other)	None Detected
13A 040114885-0025	RM 1-03	Beige Non-Fibrous Homogeneous	Dissolved	<1%	Cellulose	100%	Non-fibrous (other)	None Detected
13B 040* 14685-0029	RM 1-03	Beige Non-Fibrous Homogeneous	Teased Dissolved	75% 1%	Cellulose Synthetic	24%	Non-fibrous (otner)	None Detected
14A 0401 %4028-0030	RM 1-03	Brown/Black Fibrous Heterogeneous	Teased Dissolved	85% 1%	Cellulose Synthetic	14%	Non-fibrous (other)	None Detected
14B 040114625-0331	RM 1-03	Brown/Black Fibrous Heterogeneous	Teased Dissolved	85% 1%	Cellulose Synthetic	14%	Non-fibrous (other)	None Detected
15A (401/4685-0352	RM 1-03	Brown/Black/Copp er Fibrous Heterogeneous	Teased Dissolved	30% 1%	Cellulose Synthetic	69%	Non-fibrous (other)	None Detected

Analyst(s)

Delores Beard (19) Scott Combs (117)

Stephen Siegel, CIH or other approved signatory

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107 Haddon Ave., Westmont, NJ 08108

Prione: (856) 858-4800 Fax: (856) 858-4960 Email: ssiegel@EMSL.com

Attn:	Scott Mossey Forbes & Wheeler, Inc. P.O. Box 30467			Customer ID: Customer PO:	FORB50
Fax:	10 Ingraham Terrace Springfield, MA 01103-0467 (413) 732-3635	Phone	413-731-6011	Received:	09/17/01 11:55 AM
Project:	#ARRON-01-J001/FORMER AVE., MOOSUP, CT	CADLE	CO., BRUNSWICK	EMSL Order: EMSL Project ID:	040114685
				Analysis Date	8.07.0004

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Date. 9/28/2001 10:30:40 ANI

Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Lengtion			ч.	Non-A	Asbestos		
	Location	Appearance	Treatment	% Fl	brous	% Nor	n-Fibrous	% TYPE
15B	RM 1-03	Brown/Black/Coop er Fibrous Heterogeneous	Teased Dissolved	30% 1%	Cellulose Synthetic	69%	Non-fibrous (other)	None Detected
16A 040114885-0034	RM 1-03	Black/Gray Fibrous Heterogeneous	Crushed Dissolved	- -		85%	Non-fibrous (other)	15% Chrysotile
16B 040104685-0.55	RM 1-04		· · · · · · · · · · · · · · · · · · ·		· · ·			Not Analyzed
17A 040114685-0035	RM 1-03	Black/Brown Fibrous Heterogeneous	Dissolved Teased	75% 1%	Cellulose Synthetic	24%	Non-fibrous (other)	None Detected
17B 040114695-0077 	RM 1-04	Black/Brown Fibrous Heterogeneous	Dissolved Teased	75% 1%	Celluiose Synthetic	24%	Non-fibrous (other)	None Detected
18A 0401 14686-18138	RM 1-04	Yellow/Beige/Tan Non-Fibrous Heterogeneous	Dissolved	1% 1%	Cellulose Synthetic	98%	Non-fibrous (other)	None Delected
18B 0401 14685-2039	RM 1-05	Yellow/Beige/Tan Non-Fibrous Heterogeneous	Dissolved	1% 1%	Cellulose Synthetic	98%	Non-fibrous (other)	None Detected
19A TILE 040114825-0040	RM 1-07	Brown/Black Non-Fibrous Heterogeneous	Crushed Dissolved	· · · · ·		100%	Non-fibrous (other)	None Detected
19A MASTIC 940114685-0203	RM 1-07	Yellow Non-Fibrous Homogeneous	Dissolved	<1%	Cellulose	100%	Non-fibrous (other)	None Detected

Analyst(s)

Delores Beard (19) Scott Combs (117)

Stephen Siegei, CIH or other approved signatory

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107 Haddon Ave., Westmont, NJ 08108

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Altn:	Scott Mossey Forbes & Wheeler, Inc. P.O. Box 30467			Customer ID: Customer PO:	FORB50
Fax:	10 Ingraham Terrace Springfield, MA 01103-0467 (413) 732-3635	Phone:	413-732-6011	Received:	09/17/01 11:55 AM
Project:	#ARRON-01-J001/FORMER AVE., MOOSUP, CT	CADLE	EMSL Order: EMSL Project ID:	G40114685	
				Analysis Date:	9/27/2001

Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Ś	Location RM 1-07	*		Non-Asbestos					Aspestos	
Sample		Appearance	Treatment	% Fil	orous	% Nor	-Fibrous	% Tv	<u></u>	
19B TILE 040114680-0041		Brown/Black Non-Fibrous Heterogeneous	Crushed Dissolved			100%	Non-fibrous (other)	None C	etected	
19B MASTIC	RM 1-07	Yellow Non-Fibrous Homogeneous	Dissolved	<1%	Cellulose	100%	Non-fibrous (other)	None C	etected	
20A (w0114680-05-2	S-01	Brown/Gray/Green Fibrous Heterogeneous	Crushed Dissolved	2%	Cellulose	88%	Non-fibrous (other)	10%	Chrysotile	
20B 040114685-041	S-01				,			Not Ar	alyzed	
21A 0407-74885-0044	S-0 1	Tan/Brown Non-Fibrous Heterogeneous	Crushed Dissolved	<1%	Celluiose	100%	Non-fibrous (other)	None D	etected	
21B 040114685-0045	S-01	Tan/Brown Non-Fibrous Heterogeneous	Crushed Dissolved	<1%	Cellulose	100%	Non-fibrous (otner)	None D	etected	
22A 9401 14685-0045	S-01 (TOP LANDING)	Green/Gray Fibrous Heterogeneous	Crushed Dissolved	- <u></u> -		92%	Non-fibrous (other)	8%	Chrysotlie	
22B 0401 14885-0347	RM 2-04							Not Ar	alyzed	
23A TILE 646+ 14685-0049	RM 2-01	Beige Fibrous Heterogeneous	Crushed Dissolved			90%	Non-fibrous (other)	10%	Chrysotlle	

Analyst(s)

Delares Beerci (19) Scott Combs (117)

Stephen Siegel, CIH or other approved signatory

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Altn:	Scott Mossey Forbes & Wheeler, Inc. P.O. Box 30457			Customer ID: Customer PO:	FORB50	
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Project:	#ARRON-01-J001/FORMER AVE., MOOSUP, CT	CADLE	CO., BRUNSWICK	EMSL Order: EMSL Project ID:	040114685	
				Analysis Date:	9/27/2001	

Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

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Uate: 3/28/2001 10.00:42 AlVI

Samala		Annorma		Non-Asbestos					
oampie	Location	Appearance	Treatment	% FI	brous	% Nor	-Fibrous	% Type	
23A MASTIC 049114685-3285	RM 2-01	Black/Brown Fibrous Heterogeneous	Teased Dissolved	5% 1%	Cellulose Synthetic	94%	Non-fibrous (other)	None Detected	
23B TILE	RM 2-01		· .				· · · · · · · · · · · · · · · · · · ·	Not Analyzed	
23B MASTIC	RM 2-01	Black/Brown Fibrous Heterogeneous	Dissolved Teased	5% 1%	Cellulose Synthetic	94%	Non-fibrous (other)	None Detected	
24A TILE	RM 2-02	Gray/Pink Fibrous Heterogeneous	Crushed Dissolved			92%	Non-fibrous (other)	8% Chrysotlle	
24A MASTIC 340113665-3288	RM 2-02	Black/Brown Fibrous Heterogeneous	Dissolved	5% 1%	Cellulose Synthetic	94%	Non-fibrous (other)	None Detected	
24B TILE	RM 2-02	· · · · ·			· ·		<u>.</u>	Not Analyzed	
24B MASTIC	RM 2-02	Black/Brown Fibrous Heterogeneous	Dissolved	5% 1%	Cellulose Synthetic	94%	Non-fibrous (other)	None Detected	
25A 047/14585-0057	RM 2-01	Black/Brown Fibrous Heterogeneous	Teased Dissolved	45% 1%	Celluiose Synthetic	54%	Non-fibrous (other)	None Detected	
25B 040114565-0053	RM 2-06	Black/Brown Fibrous Heterogeneous	Teased Dissolved	65% 1%	Cellulose Synthetic	34%	Non-fibrous (other)	None Detected	

Analyst(s)

Delores Beard (19) Scott Combs (117)

Stephen Sicgel, CIH or other approved signatory

FUM has been known to miss asbeatos in a small percentage of samples which contern asbeatos. Negative PLM-refults cannot be publicated. Samples reported as <1% or none detectat should be rested with EM. The above test report relates only to the items bated. This report may not be reported as except in full, without written approval by EMS_ Analytical, inc. The above least must not be used by the client to caim product enforcement by NV_AF nor any agency of the United States Government. Analytics performed by EMS_ Westmant (NVLAP #101043-0), NY ELAP 10272

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	Forbes & Wheeler, Inc.		Customer PO:	
	10 Ingraham Terrace Springfield, MA 01103-0467		Received:	09/17/01 11:55 AM
ax:	(413) 732-3635 Ph	one: 413-732-6011		•
roject:	#ARRON-01-J001/FORMER CA AVE, MOOSUP, CT	DLE CO., BRUNSWICK	EMSL Order: EMSL Project ID:	040114685
			Analysis Date	9070001

Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

. .		ч		Non-Asbestos					Asbestos	
Sample	Location	Appearance	Treatment	% FI	brous	% Non	-Fibrous	% Туј	pe	
26A LINO 640114555-0054	RM 2-04	Blue/Brown/Tan Fibrous Heterogeneous	Teased Dissolved	30% 1%	Cellulose Synthetic	69%	Non-fibrous (otner)	None D	etected	
26A MASTIC 0401 14685-0290	RM 2-04	Brown Non-Fibrous Homogeneous	Dissolved	<1%	Cellulose	100%	Non-fibrous (other)	None D	etected	
26B LINO 0401 14685-0055	RM 2-04	Blue/Brown/Tan Fibrous Heterogeneous	Teased Dissolved	30% 1%	Cellulose Synthetic	69%	Non-fibrous (other)	None D	letected	
26B MASTIC	RM.2-04	Brown Non-Fibrous Homogeneous	Dissolved	<1%	Cellulose	100%	Non-fibrous (other)	None D	etected	
27A 0+0114682+0058	RM 2-01	Brown/White Fibrous Heterogeneous	Teased	97%	Cellulose	3%	Non-fibrous (other)	None D	Detected	
27B 04)114685-0057	RM.2-06	Brown/White Fibrous Heterogeneous	Teased	97%	Cellulose	3%	Non-fibrous (other)	None D	letected	
28A 040174685-0585	RM 2-06	Gray Fibrous Heterogeneous	Crushed Dissolved			85%	Non-fibrous (other)	15%	Chrysotlie	
28B	RM 2-06				<u> </u>			Not Ar	naiyzed	
29A	EXTERIOR	Gray/Tan Fibrous Heterogeneous	Crushed	<1%	Cellulose	80%	Non-fibrous (other)	20%	Chrysotlie	

Analyst(s)

Delores Beard (19)

Scott Combs (117)

Stephen Siegel, CIH or other approved signatory

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	10 Ingraham Terrace		· · ·	Received:	09/17/01 11:55 AM
	Forbes & Wheeler Inc. P.O. Box 30467			Customer PO:	FORBOU
Atto:	Scott Mossey			Customer ID:	EODRED

Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

				Non-Asbestos					Asbestos	
Sample	Location	Appearance	Treatment	% Fib	rous	% N	lon	-Fibrous	% Type	
30A 0=011:-1685-10052	EXTERIOR	Black/Brown Fibrous Heterogene ous	Teased Ashed	85% 1%	Cellulose Synthetic	1	4%	Non-tibrous (other)	None Detected	
30B 040114685-0763	EXTERIOR	Black/Brown Fibrous Heterogeneous	Teased Ashed	85% 1%	Cellulose Synthetic	4	4%	Non-fibrous (otner)	None Detected	
31A 040114685-0054	EXTERIOR	Tan/Pink Fibrous Heterogeneous	Teased Ashed	95% 2%	Cellulose Synthetic		3%	Non-fibrous (other)	None Detected	
31B 49114685-0065	EXTERIOR	Tan/Pink Fibrous Heterogene ous	Teased Ashed	95% 2%	Celluiose Synthetic		3%	Non-fibrous (other)	None Detected	
32A (40)114685-0063	EXT FRONT DOORS	Gray/Tan/Red Non-Fibrous Heterogeneous	Crushed Dissolved	<1%	Celiuiose	10	0%	Non-fibrous (other)	None Detected	
32B 040114685-0467	EXT FRONT DOORS								Not Submitted	
33A (40114685-2069	EXT 2ND FLR	Gray/Tan/Brown Non-Fibrous Heterogeneous	Crushed Dissolved	<1%	Cellulose	10	0%	Non-fibrous (other)	None Detected	
33B 040114685-0069	EXT 1ST FLR	Gray/Tan/Brown Non-Fibrous Heterogeneous	Crushed Dissolved	<1%	Cellulose	10	0%	Non-fibrous (other)	None Detected	
34A 940114685-0070	EXTERIOR	Black/Brown/Gray Fibrous Heteroganeous	Teased Dissolved	1% 30%	Celluiose Glass	6	9%	Non-fibrous (other)	None Detected	

Analyst(s)

Delores Beard (19) Scott Combs (117)

Stephen Siegel, CIH or other approved signatory

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Alto	Scott Mossey Forbes & Wheeler, Inc. P.O. Box 30467	Customer ID: Customer PO:	FORB50
	10 Ingraham Terrace	Received:	09/17/01 11:55 AM
Fax:	Springfield, MA 01103-0467 (413) 732-3635 Phone: 413,722 604		
Project:	#ARRON-01-J001/FORMER CADLE CO., BRUNSWICK AVE., MOOSUP, CT	EMSL Order: EMSL Project ID:	040114685
		Analysis Date:	9/27/2001

Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Comela				Non-Asbestos				Asbestos		
	Location	Appearance	Treatment	% .Fi	rous	%	Non	-Fibrous	% Tv	De
34B 040114655-0071	EXTERIOR	Black/Brown/Gray Fibrous Heterogeneous	Teased Dissolved	1% . 30%	Cellulose Glass		69%	Non-fibrous (other)	None 1	Detected
35A 040114685-0072	EXTERIOR	Black/Brown/Gray Fibrous Heterogeneous	Teased Dissolved	30% 1%	Cellulose Synthetic		24%	Non-fibrous (otner)	45%	Chrysotlie
35B 040114685-0073	EXTERIOR	· · · · · · · · · · · · · · · · · · ·	··· ·· ·					·····	Not A	naiyzed
36A 040114685-0074	BOILER RM	Gray Fibrous Heterogeneous	Teased	3% 75% 8%	Cellulose Min. Wool Synthetic		14%	Non-fibrous (other)	None I	Detected
36B 0-1011 / 4685-0075	BOILER RM	Gray Fibrous Heterogeneous	Teased	3% 75% 8%	Cellulose Min. Wool Synthetic		14%	Non-fibrous (other)	None [Petected
37A 0497194885-0075	BOILER RM	Gray/Tan/Brown Fibrous Heterogeneous	Teased	2% 95%	Cellulose Glass		3%	Non-fibrous (other)	None C	Detected
37B (#):14685-1X:7	BOILER RM	Gray/Tan/Green Fibrous Heterogeneous	Teased	1% 95%	Cellulose Glass	· · ·	4%	Non-fibrous (other)	None D	etected
38A 04(7) 74(585-(0)73 	BOILER RM	Gray/Tan Fibrous Heterogeneous	Teased	10% 1%	Cellulose Synthetic		24%	Non-fibrous (other)	85%	Chrysotlle
39A 04011-2665-0080	BOILER RM	Gray/Rust/Tan Fibrous Heterogeneous	Teased Dissolved	1% <1%	Cellulose Synthetic	,	59%	Non-fibrous (other)	15% 15%	Amosite Chrysotlie

Analyst(s)

Defores Beard (19)

Scott Combs (117)

Stephen Siegel, CIH or other approved signatory

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	10 Ingraham Terrace Springfield, MA 01103-046	7			Received:	09/17/01 11:55 AM
Fax: Project:	(413) 732-3635 #ARRON-01-J001/FORME AVE., MOOSUP, CT	Phone A	413-73) O., BR	2-6011	EMSL Order: EMSL Project ID:	C40114685
					Analysis Date:	9/27/2001

Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Samula	8	• • •			Non-A	<u>sbestos</u>		Asbe	stos
Sample	Location	Appearance	Treatment	% Fil	brous	% Nor	n-Fibrous	% Ту	pe
40A 040174685-0082	BOILER RM	Gray/Tan/Rust Fibrous Heterogeneous	Teased Dissolved	5% 1%	Cellulose Synthetic	69%	Non-fibrous (other)	25%	Chrysotile
40B 0401 :4685-0003	BOILER RM							Not A	nalyzed
41A 040114685-0084	BOILER RM	Gray/Tan/Green Fibrous Heterogeneous	Teased	10% 1%	Cellulose Synthetic	24%	Non-fibrous (other)	65%	Chrysotlie
41B 	BOILER RM		<u>-</u>					Not Ar	alyzed
42A 040174685-0985	EAST RM	Tan/Rust/Brown Fibrous Heterogeneous	Teased Dissolved	5% <1% 1%	Cellulose Glass Synthelic	69%	Non-fibrous (other)	15% 10%	Amosite Chrysotile
43A 040114685-0087	EAST RM	Gray/Tan/Brown Fibrous Heterogeneous	Teased	10% 1%	Cellulose Synthetic	24%	Non-fibrous (other)	65%	Chrysottie
44A 042114865-0069	WATER TANK RM		•			<u> </u>		Not Su	bmitted
44B 040+14585-0089	EAST RM	Gray/Brown/Black Fibrous Heterogeneous	Teased Dissolved	50% 1% 5%	Cellulose Hair Synthetic	24%	Non-fibrous (other)	20%	Chrysotile
45A 040114625-0080	WEST RM	Gray/Brown/Tan Fibrous Heterogeneous	Teased	95% <1% 1%	Cellulose Glass Synthetic	4%	Non-fibrous (other)	None D	etected

Analyst(s)

Delores Beard (19) Scott Combs (117)

Stephen Siegel, CIH or other approved signatory

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	10 Ingraham Terrace Springfielo, MA 01103-046	7		Received:	09/17/01 11:55 AM
Fax	(413) 732-3635	Phone 4	13-732-6011	·	•
Project:	#ARRON-01-J001/FORME AVE., MOOSUP, CT	R CADLE CO	., BRUNSWICK	EMSL Order: EMSL Project ID:	040114685
		·		Analysis Date:	9/27/2001

Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Somela	t e c'este c		·		Non-A	sbestos	•	Asbe	stos
ost (ibie	Location	Appearance	Treatment	% Fit	orous	% Non	Fibrous	% Tvi	De
45B 000114885-0001	EAST RM	Gray/Brown/Tan Fibrous Heterogeneous	Teased	95% <1% 1%	Cellulose Glass Synthetic	4%	Non-fibrous (other)	None D	Detected
46A (~0114685-0392	EAST RM	Brown/Black/Green Fibrous Heterogeneous	Teased	3% 60%	Cellulose Glass	34%	Non-fibrous (other)	3%	Chrysotile
46B 040114685-0093	EAST RM			· · · ·		<u> </u>		Not Ar	nalyzed
47A 040114885-0244	EAST RM	Gray/Tan/Brown Fibrous Heterogeneous	Teased Dissolved	5% 1%	Cellulose Synthetic	34%	Non-fibrous (other)	60%	Chrysotile
48A 040114565-0095	WEST RM	Rust/Brown/Gray Fibrous Heterogeneous		1% 65%	Celluiose Synthetic	34%	Non-fibrous (other)	<1%	Chrysotile
49A 0401114685-0095	WEST RM	Black/Brown/Copp er Fibrous Heterogeneous	Teased	30% 1%	Cellulose Synthetic	SNCT APPEAR	CONSISTENT IN MATERIAL Non-fibrous (other)	None D	etected
49B 040114685-0292	WEST RM	Black/Brown/Copp er Fibrous Heterogeneous	Teased	30% <1% 3%	Cellulose Glass Synthetic	67%	Non-fibrous (other)	4%	Chrysotile
50A 0=0134585-3087	WEST RM	Gray/Green/Brown Non-Fibrous Heterogeneous	Crushed Dissolved	<1%	Cellulose	97%	NOT APPEAR CONSISTENT Non-fibrous (other)	IN MATERIA	Chrysotlie

Analyst(s)

Delores Beard (19) Scott Combs (117)

Stephen Siegel, CIH or other approved signatory

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107 Haddon Ave., Westmont, NJ 08108

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		077033007203703			
			•		
Attn:	Scott Mossey Forbes & Wheeler, Inc. P.O. Box 30467			Customer ID: Customer PO:	FORB50
	10 Ingraham Terrace Springfield, MA 01103-04	67	· · · ·	Received:	09/17/01 11:55 AM
Fax:	(413) 732-3635	Phone:	413-732-6011	-	
Project:	#ARRON-01-J001/FORN AVE., MOOSUP. CT	IER CADLE	CO., BRUNSWICK	EMSL Order: EMSL Project ID:	040114685

Analysis Date: 9/27/2001

Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Samnie	Location	Apportation	-		<u>Non-A</u>	Asbestos		
		Appealance	reatment	<u>% Fil</u>	brous	% Nor	I-Fibrous	% Type
50B 040114685-0099	ARCH RM					-		Not Analyzed
51A 640114685-0599	WEST RM	Black/Brown/Gray Fibrous Heterogeneous	Teased Dissolved	20% 1%	Cellulose Synthetic	14%	Non-fibrous (other)	65% Chrysotlle
52A 9-011-4585-0100	WEST RM	Black/Brown/Tan Fibrous Heterogeneous	Teased Dissolved	30% 1%	Celluiose Synthetic	69%	Non-fibrous (other)	None Detected
53A 0401 14885-0101	N. SIDE WEST RM	Gray/Tan/Green Non-Fibrous Heterogeneous	Crushed	<1% <1%	Cellulose Glass	100%	Non-fibrous (other)	None Detected
53B 940114685-0:62	N. SIDE WEST RM	Gray/Tan Non-Fibrous Heterogeneous	Crushed	<1% <1%	Cellulose Glass	100%	Non-fibrous (other)	None Detected
53C 040114685-0103	N. SIDE WEST RM	Gray/Tan/Green Non-Fibrous Heterogeneous	Crushed	<1% <1%	Cellulose Glass	100%	Non-fibrous (other)	None Detected
54A 0401 14695-0:04	É. SIDE WEST RM	Gray/Brown/Tan Non-Fibrous Heterogeneous	Crushed	1% <1%	Cellulose Hair	99%	Non-fibrous (other)	None Detected
54B 0401 14885-0:05	E. SIDE WEST RM	Gray/Brown/Tan Non-Fibrous Heterogeneous	Crushed	1% <1%	Celiulose Hair	99%	Non-fibrous (other)	None Detected
54C 0401 14885-0105	E. SIDE WEST RM	Gray/Brown/Tan Non-Fibrous Heteroganeous	Crushed	1% <1%	C elluiose Hair	99%	Non-fibrous (other)	None Detected

Analyst(s)

Delores Beard (19) Scott Combs (117)

Stephen Siegel, CIH or other approved signatory

PLM has been known to nives asbestos in a small percentage of samples which contain advaces. Nagative PLM results cannot be guarantised. Samples reported as <1% or none detector should be asted with "EM. The above test report relates only to the items tested. This report may not be reported as except in full, without written approval by EMS_ analytical, inc. The above test must not be used by the client to detector product endorsement by INV_AP not any egency of the United States Government Analytics performed by EMS. Westmann (INVLAP #10:048-0), INV ELAP 10872

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Phone: (856) 858-4800 Fax: (856) 858-4960 Email: ssiegel@EMSL.com

Fax:	10 Ingraham Terrace Springfield, MA 01103-046 (413) 732-3635	7 Phone: 413-732-6011	Received:	09/17/01 11:55 AM	
Project:	#ARRON-01-J001/FORME AVE., MOOSUP, CT	R CADLE CO., BRUNSWICK	EMSL Order: EMSL Project (D:	040114685	
			Analysis Date:	9/27/2001	

Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

·					Non-A	sbestos		Asbestos
sampie	Location	Appearance	Treatment	% Fi	brous	% Non	-Fibrous	% Type
55A 040174585-0107	1ST FLR EAST RM	Black/Brown Fibrous Heterogeneous	Teased Dissolved	85% 1%	Cellulose Synthetic	14%	Non-fibrous (other)	None Detected
55B 040114855-0105.	2ND FLR	Black/Brown Fibrous Heterogeneous	Teased Dissolved	65% 1%	Cellulose Synthetic	14%	Non-fibrous (other)	None Detected
56A 6401 14885-0309	1ST FLR	Gray/Tan Non-Fibrous Heterogeneous	Crushed Teased	<1%	Cellulose	100%	Non-fibrous (other)	None Detected
56B 042114685-0119	2ND FLR	Gray/Tan Non-Fibrcus Heterogeneous	Crushed Teased	<1%	Cellulose	100%	Non-fibrous (other)	None Detected
57A 040114685-0111	1ST FLR	Black/Gray/Brown Fibrous Heterogeneous	Teased Dissolved	55% 1%	Cellulose Synthetic	44%	Non-fibrous (other)	None Detected
57B %%**14685-0:12	2ND FLR	Black/Gray/Brown Fibrous Heterogeneous	Teased Dissolved	55% 1%	Cellulose Synthetic	44%	Non-fibrous (other)	None Detected
58A 5401-4806-0+10	2ND FLR	Gray/Tan Non-Fibrous Heterogeneous	Crushed	2%	Cellulose	98%	Non-fibrous (other)	None Detected
58B 040117450550114	ŽND FLR	Gray/Tan Non-Fibrous Heterogeneous	Crushed	2%	Cellulose	98%	Non-fibrous (other)	None Detected
58C 340+14895-6 ; 19 	2ND FLR	Gray/Tan/Blue Non-Fibrous Heterogeneous	Crushed	1%	Cellulose	99%	Non-fibrous (other)	None Detected

Analyst(s)

Delores Beard (19) Scott Combs (117)

Stephen Siegel, CIH or other approved signatory

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Fax:	(413) 732-3635	Phone: 413-732-6011			
Pioj	ed: #ARRON-01-J001/FORME AVE., MOOSUP, CT	R CADLE CO., BRUNSWICK	EMSL Order: EMSL Project ID:	040114685.	
	Ň		Analysis Date:	9/27/2001	

Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Samply	Location	Approximent			Non-A	sbestos	· ·	Asbestos
510		Appearance	Treatment	<u>%</u> F	ibrous	% Nor	-Fibrous	% Type
0401 (4685-0:15	2ND FLR	Gray/Green/Tan Non-Fibrous Heterogeneous	Crushed	<1%	6 Cellulose	100%	Non-fibrous (other)	None Detected
158E (49)14665-0117	2ND FLR	Gray/Green/Ten Non-Fibrous Heterogeneous	Crushed	<1%	Cellulose	100%	Non-fibrous (other)	None Detected
58F 090114685-0113	2ND FLR	Gray/Green/Tan Non-Fibrous Heterogeneous	Crushed	<1%	Cellulose	100%	Non-fibrous (other)	None Detected
59A 140114825-0119	STORE RM 2ND FLR	Brown/White Fibrous Heterogeneous	Teased Dissolved	97%	Cellulose	3%	Non-fibrous (other)	None Detected
59B 940114685-0129	STORE RM 2ND FLR	Brown/White Fibrous Heterogeneous	Teased Dissolved	97%	Cellulose	3%	Non-fibrous (other)	None Detected
60A 040114685-0121	STORE RM 2ND FLR	Black/Red Fibrous Heterogeneous	Crushed Dissolved		· · · ·	85%	Non-fibrous (other)	15% Chrysotlie
60B (40114685-0122	STORE RM 2ND FLR							Not Analyzed
61A TAR PAPER 94017-695-0123	STORE RM 2ND FLR	Black/Brown Fibrous Heterogeneous	Teased Dissolved	85% 1%	Celiulose Synthetic	14%	Non-fibrous (other)	None Detected
61A MASTIC 040114685-0294	STORE RM 2ND FLR	Brown Non-Fibrous Homogeneous	Dissolved	<1%	Cellulose	100%	Non-fibrous (otner)	None Detected

Analyst(s)

Delores Beard (19)

Scott Combs (117)

Stephen Stegel, CIH or other approved signatory

PLM has been known to miss asbestos in a small percentage of samples which contain asbestic. Negative PLM results cannot be puare texted. Samples reported as K1% or none detected above test must not be used by the client to clim product endersement by NV_AF nor any agency of the United States Government. Analysis performed by EMSL Westman, (NVLAP #101048-0), NY ELAP 10872.

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Attn	Scott Mossey Forbes & Wheeler Inc. P.O. Box 30467 10 Ingraham Terrace Springfield M& 01103 0467			Customer ID. Customer PO: Received:	FOR850 09/17/0: 11:55 AM	
Fax: Project:	(413) 732-3635 #ARRON-01-J001/FORMER	Phone 413-732-6011 CADLE CC., BRUNSWICK		EMSL Order: EMSL Project ID:	040114685	
			· · · .	Analysis Date	חוללים	

Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

					Non-A	spestos	·	Asbestos
Sample	Location	Appearance	Treatment	% Fi	brous	% Non	-Fibrous	% Type
61B TAR PAPER	STORE RM 2ND FLR	Elack/Brown Fibrous Heterogéneous	Teased Dissolved	85% 1%	Cellulose Synthelic	14%	Non-fibrous (other)	None Detected
618 MASTIC	STORE RM 2ND FLR	Brown Nen-Fibrous Homogeneous	Dissolved	<1%	Cellulose	100%	Non-fibrous (other)	None Detected
62A (REAR OFFICE 2ND FLR	Gray/Brown Fibrous Heterogeneous	Teased	20%	Celulose	80%	Non-fibrous (other)	None Detected
62B	REAR OFFICE 2ND FLR	Gray/Brown Fibrous Heterogeneous	Teased	40%	Cellulose	60%	Non-fibrous (other)	None Detected
63A 040/14685-01:27	REAR OFFICE 2ND FLR	Gray Nor-Fibrous Heterogeneous	Dissolved	<1%	Cellulose	100%	Non-fibrous (other)	None Detected
63B 2407 1466:-01 28	REAR OFFICE 2ND FLR	Gray Non-Fibrous Heterogeneous	Dissolved	<1%	Celulose	100%	Non-fibrous (other)	None Detected
64A 0-477:14#85-3122	BATHRM 2ND FLR	Gray/Brown Non-Fibrous Heterogeneous	Crusned Dissolved	<1%	Celulose	100%	Non-fibrous (other)	None Detected
64B (44):14685-0130	BATHRM 2ND FLR	Gray/Brown Non-Fibrous Heterogeneous	Crushed Dissolved	<1%	Celulose	100%	Non-fibrous (otner)	None Detected
65A 0401 (4085013)	BATHRM 2ND FLR	Gold/Brown Non-Fibrous Heterogeneous	Dissolved	<1%	Celuiosa	100%	Non-fibrous (other)	None Detected

Anelyst(s)

Delores Beerd (22) Scott Combs (273)

Stephen S.egel, CIH cr other approved signatory

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Fax:	10 Ingraham Terrace Springfield, MA 01103-0467 (413) 732-3635	Phone: 413-732-6011	Receive d.	C9/17/01 11:55 AM
Project:	#ARRON-01-J001/FORMER AVE., MOOSUP, CT	CADLE CO., BRUNSWICK	EMSL Order: EMSL Project ID:	040114685
		· · ·	Analysis Date:	9/27/01

Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample		· · · · · · · · · · · · · · · · · · ·	_		Non-A	sbestos		Asbestos
		Appearance	Treatment	<u>%</u> F	Ibrous	% No	h-Fibrous	% Type
65B (64.91468643132)	BATHRM 2ND FLR	Gold/Brown Non-Fibrous Heterogeneous	Dissolved	<1%	Celuiose	100%	Non-fibrous (otner)	None Detected
66A 04017369540133	BATHRM 2ND FLR	TarvGray Fibrous Heterogeneous	Teased	97 %	Cetulose	3%	Non-fibrous (other)	None Detected
66B 040114685-0154	BATHRM 2ND FLR	Tan/Gray Fibrous Heterogeneous	Teased	S7%	Celluiose	3%	Non-fibrous (other)	None Detected
67A (4-14950-0135	BATHRM 2ND FLR	Brown/Tan/Black Fibrous Heterogeneous	Teased Crushed	97%	Celuiose	3%	Non-fibrous (other)	None Detected
67B (19)7 14626-0136 	BATHRM 2ND FLR	Brown/Tan/Black Fibrous Heterogeneous	Teased Crushed	97%	Celuicse	3%	Non-fibrous (other)	None Detected
68A 	2ND FLR EAST SIDE	Gray/Brown Fibrous Heterogeneous	Teased	95%	Cellulosé	1%	Non-fibrous (other)	None Detected
68B 0-27** 1468;23**38*	2ND FLR EAST SIDE	Gray/Brown Fibrous Heteroganeous	Teased	S9%	Celulose	1%	Non-fibrous (other)	None Detected
69A 040/14655-0139	2ND FLR REAR OFFICE	Silver/Black/Brown Fibrous Heterogeneous	Teased Dissolved	45% 3%	C eluiose Glass	52%	Non-fibrous (other)	None Detected
69B 64017468-01-41 	2ND FLR REAR OFFICE	Silver/Black/Brown Fibrous Heterogeneous	Teased Dissolved	45% 3%	Celulose Glass	52%	Non-fibrous (other)	None Detected

Analyst(s)

Delores Beard (22) Scott Combs (273)

Stephen Sieger, CIH or other approved signatory

FUNnas been known to miss asteritor in a small percentage of samples which contain esterios. He pance PLM results cannot be guidanteed. Semple 5 which and a static percentage of samples which contain esterios. He pance PLM results cannot be guidanteed. Semple 5 which and on one estimation approximation of the second percentage of samples only to the main sector. This report percentage of samples which contain esterior may not be reported active test report to the second percentage of samples and the report of the United States Second percentage of second percentage, by the clear to be appreciated of the States percentage of second percentage of the United States Second percentage of the States percentage of the States Second
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Alta	Spot Masin			 •	· · · · ·	
~ uu,	Formes & Wheeler Inc			Customer ID:	FORB50	
	P.O. Box 30467		·	Customer FO:	· ·	
	10 Ingraham Terrace		•	Received	C9/17/01 11:55 AM	
	Springfield, MA 01103-0467	•				
Fax	(413) 732-3635	Phore	413-732-6011			
Project	#ARRON-01-J001/FORMER	CADLE	CO., BRUNSWICK	EMSL Order.	C40114685	
	AVE, MOOSUP, CT			EMSL Project ID:		
				Analysis Data	9/77/01	

Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

_		•			No	n-Asbest	25		Aspestos
Sample	Location	Appearance	Treatment	% Fi	brous	%	Nor	1-Fibrous	% Type
70A 010114665-0-41	2ND FLR STORE	Black/Brown/Blue Fibrous Heterogeneous	Teased Dissolved	55% 1%	Cellulose Synthelic	•	44%	Non-fibrous (other)	None Detected
70B 040114685-0142	2ND FLR STORE	Black/Brown/Blue Fibrous Heterogeneous	Teased Dissolved	55% 1%	Celulose Synthetic	<u></u>	44%	Non-fibrous (other)	None Detected
71A 04017468540145	2ND FLR STORE RM	Brown/Black Fibrous Heterogeneous	Teased Dissolved	5% 1%	Cellulose Synthetic	· · · ·	94%	Non-fibrous (other)	None Detected
71B 44613688-0144	2ND FLR STORE RM	Brown/Black Fibrous Heterogeneous	Teased Dissolved	5% 1%	Cellulose Synthetic	··	94%	Non-fibrous (other)	None Detected
72A 040114085-0146	2ND FLR STORE RM	Gray/Tan/Brovin Fibrous Heterogeneous	Teased Dissolved	5% 70% 1%	Cellulose Glass Synthetic		24%	Non-fibrous (other)	<1% Chrysotile
73A 	3RD FLR	Gray/Tan Fibrous Heterogeneous	Teased	97%	Cellulose		3%	Non-fibrous (otner)	None Detected
73B 5-501-062501-05	3RD FLR	Gray/Tan Fibrous Heterogeneous	Teased	97%	Celulose		3%	Non-fibrous (other)	None Detected
74A :	EXT SOUTH SIDE	Gray/Tan Fibrous Heterogeneous	Crushed Teased	1%	Celulose	···	69%	Non-fibrous (other)	30% Chrysotile
15 <u>A</u> 14017#825-0149	EXT SOUTH SIDE	Black/Brown Fibrous Heterogeneous	Teased Dissolved	80% 1% 5%	Celulose Hair Synthetic	· · · · · · · · · · · · · · · · · · ·	14%	Non-fibrous (other)	None Detected

Analyst(s)

Delores Beard (22)	
Scott Combo (23)	Stephen Siegei, CIH
Scor Comps (27.5)	or other approved signatory
·	

Full-has been known to raise about on a small particitize of liables which i onlain addresso. Nugative PLM results cannot be jugranized is bannes reported as which i onlain addresso. Nugative PLM results cannot be jugranized is bannes reported as which i onlain addresso. Nugative PLM results cannot be jugranized is annes reported as which i onlain addresso. Show and the test of the state that the state the state that the s

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	10 Ingraham Terrace Springfield MA 01103-0467		Received	09/17/01 11:55 AM	
Fax	(413) 732-3635	Phone 413-732-6011			
Project:	#ARRON-01-J001/FORMER AVE., MOOSUP, CT	CADLE CO., BRUNSWICK	EMSL Order: EMSL Project ID:	040114685	
			Analysis Date	9/77/01	

Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	I sostian	.			Non-	Asbestos	i		Asbe	stos
	Location	Appearance	Treatment	% F	ibrous	%	Non	Fibrous	% Tv	Úe
75B 6464 14685-01 86	EXT SOUTH SIDE	Black/Brown/Gray Fibrous Heterogeneous	Teased Dissolved	20% 1%	o Celulose Synthelic		14%	Non-fibrous (otner)	65%	Chrysotile
76A 0401 14585-01 61	EXT ROOF	Black/Brown Fibrous Heterogeneous	Teased Dissolved	55% 1%	Cellulose Synthetic	 	44%	Non-fibrous (other)	None [Detected
76B 040114685-0153 	EXT ROOF	Black/Brown Fibrous Heterogeneous	Teased Dissolved	55% 1%	Cellulose Synthetic		44%	Non-fibrous (other)	None [Petected
77A 043114666-11:62	EXT ROOF	Bieck/Brown/Gray Fibrous Heterogeneous	Teased Dissolved	20% 1%	Celluiose Synthelic		69%	Non-fibrous (other)	10%	Chrysotlle
77B 9491:46-75-3154	EXT ROOF							······································	Not Ar	alyzed
78A	EXT ROOF	Black/Brown/Silver Fibrous Heterogeneous	Teased Dissolved	10% 1%	Cellulose Synthetic		69%	Non-fibrous (other)	20%	Chrysolije
788 v4/instenseries	EXT ROOF				·				Not Ar	alyzed
79A 0-01 14880-0157	EXT ROOF	Black/Brown/Gray Fibrous Heterogeneous	Teased Dissolved	20% 1%	Cellulose Synthetic		4%	Non-fibrous (other)	65%	Chrysotile
79B 04%1465540158	EXT ROOF		<u> </u>				<u> </u>		Not Ar	alyzed
	· ·						.			- 1193 -
Analyst(s)		•								
Delores Beard (22) Scott Combs (273)						St er oth	ephei er an	Siegel, CIH proved signatory	·····	

PLM has been known to mus aword, s in a small percentage of Sample's into routen activities. Regade PLM results cannot be guaranteed. Sanglet into stat as 5.5% or none deepter encud be tearn with right interactive protingeness only to the cases tested. This report may not be reprodued, accept in the whost whost whost whost is stat as 5.5% or none deepter above test must not be used by the cleart to claim product entries ment by NVLAP not any agency of the Unded States. Growthere y Analysis performed up SMS. Westment (MVLAP # (0148-0), W SLAP 1057.)



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Altn:	Scott Mossey Forbes & Wheeler, Inc. P.O., Box 30467		Customer ID: Customer PO	FORB50	
	10 Ingraham Terrace Springfield MA 21103-0467		Received	09/17/01 11:55 AM	
Fax:	(413) 732-3635	Phone 413-732-6011		C 101 1 100-	
Projecti	#ARRON-01-J001/FORMER AVE., MOOSUP, CT	CADLE CO., BRUNSWICK	EMSL Project ID:	640114685	
		•	Analysis Date:	9/27/01	

Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

	· · ·				Non-/	Asbestos		Aspestos
Sample	Location	Appearance	Treatment	% F	brous	% No	-Fibrous	% Type
AUS 0407114655-01-50	1ST FLR WEST	Tan/Brown/Black Fibrous Heterogeneous	Teased Dissolved	40% 1%	Celulose Synthetic	14%	Non-fibrous (other)	45% Chrysotile
80B 0-0114885-0150	1ST FLR NORTH					·		Not Analyzed
81 A TILE	1ST FLR SOUTH	Seige Fibrous Heterogeneous	Crushed Dissolved		Celulose	92%	Non-fibrous (other)	None Detected
81A MASTIC Compagned as	1ST FLR SOUTH	Yelow/Tan Nor-Fiprous Heterogeneous	Dissolved	2%	Cellulose	95%	Non-fibrous (other)	None Detected
818 TIL <u>E</u> 040174888507 62	1ST FLR NORTH	Brown/Tan Fibrous Heterogeneous	Crushed Dissolved	8%	Cellulose	92%	Non-fibrous (other)	None Detected
81 B MASTIC	1ST FLR NORTH	Yellow/Tan Non-Fibrous Heterogeneous	Dissolved	2%	Cellulose	98%	Non-fibrous (other)	None Detected
82A <************************************	1ST FLR TO 2ND FLR	Gray/Brown Fibrous Heterogeneous	Teased	5% 3%	Celulose Giass	92%	Non-fibrous (other)	None Detected
82B 0411 149-05-19-64	1ST FLR TO 2ND FLR	Gray/Browr. Fibrous Heterogeneous	Teased Dissolved	20% 3%	Celuiose Giass	77%	Non-fibrous (other)	None Detected
83A 0400 14685-0166	1ST FLR	Black/Brown Fibrous Heterogeneous	Teased Dissolved	75% 1%	Cellulose Synthetic	24%	Non-fibrous (otner)	None Detected

Analyst(s)

Delores Seard (22) Scott Combs (273)

Stephen Siegel, CIH or other approved signatory

PLM has been known to miss asbeston in a sinal perverse of samples which consist asbestos. Negative PLM results cound dis guaranceed. Samples reporting as fifth or none detected across the tested with TEV. The above test report relates only to the remistance of the results cound dis guaranceed. Samples reported as fifth or none detected across test routed by the cleant to claim product and reserve to the remote report in a random product of the results cound dis guaranceed. Samples reported as fifth or none detected across test must not be used by the cleant to claim product and remaining the results performed as the remote the TALAP not any agency of the United States Soveriment. Advised to the Arabiest across performed to the tested states Soveriment.

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107 Haddon Ave. Westmont, NJ 08168

Pilone: (856) 858-4800 Fax: (856) 858-49€0 Email: ssiegel彼臣MSL.com

Attn:	Scott Mossey Forbes & Wheeler, Inc. P.O. Box 30467			Customer ID Customer PO	FORB50
	10 Ingraham Terrace Springfield, MA 01103-0467			Received:	C9/17/01 11:55 AM
ax:	(413) 732-3635	Phone	413-732-6011		·
Project.	#ARRON-01-J001/FORMER AVE., MOOSUP. CT	CADLE	CO., BRUNSWICK	EMSL Order EMSL Project ID.	040114685
	•			Analysis Date:	0.0704

Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample					Non-A	sbestos		Asbestos
	CUCALIDI	Appearance	Treatment	% Fi	brous	% Nor	-Fibrous	% Type
83B 0400-04685-0-59 	2ND FLR	Black/Brown Fibrous Heterogeneous	Teased Dissolved	75% 1%	Celulose Synthelic	24%	Non-fibrous (other)	None Detected
84A Azin146504:187	1ST FLR NORTH	Gray Non-Fibrous Heterogeneous	Crushed	<1%	Celulose	100%	Non-fibrous (otner)	None Detected
84B 0-0119465-01195	2ND FLR SOUTH	Tan/Gray Non-Fibrcus Heterogeneous	Crushed	<1%	Celulose	100%	Non-fibrous (other)	None Detected
85A 9400 14466-0166	1ST FLR SOUTH SIDE	Gray/Tan/Gold Fibrous Heterogeneous	Teased Dissolved	75% 10%	Celulose Synthelic	15%	Non-fibrous (other)	None Detected
86A 340114585-0170 	1ST FLR NCRTH SIDE	Gray Non-Fibrous Heterogeneous	Teased Dissolved	<1%	Celulose	100%	Non-fibrous (other)	None Detected
86B 64010492540177	1ST FLR NW	Gray Non-Fibrous Heterogeneous	Teased Dissolved	<1%	Celuiose	100%	Non-fibrous (other)	None Detected
86C ##0114685-0172	1ST FLR WEST	Gray Non-Fibrous Heterogeneous	Teased Dissolved	<1%.	Celuiose	100%	Non-fibrous (other)	None Detected
86D 040114685-0173	1ST FLR SE	Gray Non-Fibrous Heterogeneous	Teased Dissolved	<1%	Celuiose	100%	Non-fibrous (other)	None Detected
86E 64093465549774	2ND FLR SE	Gray Non-Florous Heterogeneous	Teased Dissolved	<1%	Celulose	100%	Non-fibrous (other)	None Detected

Analyst(s)

Delores Beard (22) Scott Combs (273)

PLM-1

Stephen Sieger, CIH or other approved signatory

ELNTras been town to nise antestics in a small percentage of samples which contain astristop Meganie PLM insufts cannut be pusheded. Samples which do not a strategy to the lange of samples which contain astristop Meganie PLM insufts cannut be pusheded. Samples teached as integer note used to be samples by the categories of the transmission of the reproduced, exception tail, without written accounted as integer to NMLAP for any log set of the United States Government. Which with the samples of the Determined on EMS. Whistoper (NMLAP all 1048-0), MY ELAP 19672

107 Haddon Ave., Westmont, NJ 08108

Phone: (856) 858-4800 Fax: (856) 858-4960 Email: sslegel@EMSL.com

Alto:	Scott Mossey Forbes & Wheeler, Inc P.O. Box 30467	Customer ID: Customer PO:	FORB50
	10 Ingraham Terrace Springfield, MA 01:03-0462	Received	09/17/01 11:55 AM
Fax:	(413) 732-3635 Phone 413-732-6011	• · · ·	
Project.	#ARRON-D1-JGD1/FORMER CADLE CO., BRUNSWICK AVE., MOOSUP, CT	EMSL Order: EMSL Project ID:	C40114685
		Analysis Date:	9/27/01

Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Samola					Non-A	sbestos	· ·	Asbestos
Cample	Location	Appearance	Treatment	% Fi	brous	% No	n-Fibrous	% Type
86F 94/114535-0175	2ND FLR SW	Gray Non-Fibrous Heterogeneous	Teased Dissoived	<1%	Celulose	100%	6 Non-fibrous (other)	None Detected
86G 9/2011/468-0290	2ND FLR EAST	Gray/Tan/Green Non-Fibrous Heterogeneous	Teased Dissolved	<1%	Celulose	100%	Non-fibrous (other)	None Detected
87A 6409 14625-0.079	1ST FLR NE	Gray/Tan/Brown Non-Fibrous Heterogeneous	Crusned Teased	<1% <1%	Celulose Hair	100%	Non-fibrous (other)	None Detected
87B	1ST FLR NW	Gray/Tan/Brown Non-Fibrous Heterogeneous	Crushed Teased	<1% <1%	Cellulose Hair	100%	Non-fibrous (otner)	None Detected
87C (40) 14695-0173	1ST FLR WEST	Gray/Tan/Brown Fibrous Heterogeneous	Crushed Teased	1% 5%	Celuicse Hair	94%	Non-fibrous (other)	None Detected
87D Aug: 149:85-0:79	1ST FLR SE	Gray/Tan/Brown Non-Fibrous Heterogeneous	Crushed Teased	<1% <1%	Cellulose Hair	100%	Nor-fibrous (other)	None Detected
87E 2491 14685-0150	2ND FLR SE	Gray/Tan/Yelow Non-Fibrous Heterogeneous	Crushed Teased	<1% 3% <1%	Cellulose Glass Hair	97%	Non-fibrous (other)	None Detected
87F \~?! 1+683-0" 81	2ND FLR SW	Gray/Tan/Brown Non-Fibrous Heterogeneous	Crushed Teased	<1% <1%	Celulose Hair	100%	Non-fibrous (other)	None Detected
87G 940194889-0182 	2ND FLR EAST	Gray/Tan/Brown Non-Fibrous Heterogeneous	Crushed Teased	<1% <1%	C ellul ose Hair	100%	Non-fibrous (other)	None Detected

Analyst(s)

Delores Beard (22) Scott Combs (273)

Stephen Siegel, CIH or other approved signatory

PLM has been known to uses asterites in a small percentage of samples which contain alteridis fregority Pull results carried by Duals'steed. Samples received as 11% or nice store tall should be tasted with 1 EM. The above tast report relates only to the transitional. This report may not be reported to an interview of the samples received as 11% or nice store tast above test must not be used by the client to usin product endorse mark by MLAP nor any agency of the United Stores Rever ment. Analysis partoment by FMSL Windowns (twill AP #1) (1018-0). WELAP 1)/F72

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107 Haddon Ave. Westmont, NJ 03 108

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Fax: Project.	413) 732-3635 #ARRON-01-J001/FORMER	Phone 413-732-6011 CADLE CO., BRUNSWICK	EMSL Order:	040114685	
	Forbes & Wheeler, Inc. P.O. Box 30467 10 Ingraham Tetrace	• •	Customer ID Customer PO: Received	FORB50 09/17/01 11:55 AM	

Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Location		_ <u>.</u>		Non-A	sbestos		Asu	estos
88.4	1 de antes a la	Appearance	Treatment	<u> </u>	ibrous	% No	n-Fibrous	% T	
००० २२४१ व्यस्टर्भ स्ट	LOADING DOCK	Gray/Tan/White Fibrous Heterogeneous	Crushed Teased	19	6 Celulose	65	Non-fibrous (other)	30%	Chrysotile
89A 049:14685-01-64	LOADING DOCK	Gray/Brown/Gray Fibrous Heterogeneous	Teased Dissolved	85% 1%	Cellulose Synthetic	149	6 Non-fibrous (other)	None	Detected
896 (-2117:4685)185	LOADING DOCK	Black/Brown/Tan Fibrous Heterogeneous	Teased Dissolved	85% 1%	Celulose Synthetic	149	6 Non-fibrous (otner)	None	Detected
190A 19629 (Risebull) (B) 	LOADING DOCK	Gray/Brown/Green Fibrous Heterogeneous	Teased	£7% <1%	Cellulose Synthelic	3%	Non-fibrous (other)	None I	Detected
90B (+#)-14685-0+97 	LOADING DOCK	Gray/Brown/Green Fibrous Heterogeneous	Teased	97% <1%	Cellulose Synthetic	2%	Non-fibrous (other)	None	Detected
91A 0401-2005-0158	BSMT CRAWL	Gray/Brown/Tan Fibrous Heterogeneous	Crushed Teased	1%	Celulose	69%	Non-fibrous (other)	30%	Chrysotlie
91B 04011/060-0189	BSMT CRAWL SPACE	· · · · · · · · · · · · · · · · · · ·	* <u>***************</u>					Not A	nalyzed
92A ୬ : ୩ 1455 ୬: <i>୨</i> ୦	EAST CRAWL SPACE	Gray/Tan/Brown Fibrous Heterogeneous	Teased	40% 1%	C el ulos e Glass	14%	Non-fibrous (other)	45%	Chrysotlie
93A 0409 14685-0151	EAST CRAWL SPACE	Gray/Tan/Brown Fibrous Heterogeneous	Teased Dissolved	3%	Celuiose	55%	Non-fibrous (other)	20% 8%	Amusite Chrysotile

Analyst(s)

Delores Beard (22) Scott Combs (273)

Stephen Siegel, CIH or other approved signatory



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Alte.	Scott Mossey Forbes & Wheelet, Inc. P.O., Box 30467		• 	Customer ID: Customer PO	FORB50
Fax:	10 Ingraham Terrace Springfield, MA 01103-0467 (413) 732-3635	Phone	413 773 6344	Received	C9/17/01 11:55 AM
Project.	#ARRON-01-J001/FORMER AVE., MOOSUP, CT	CADLE	EMSL Order: EMSL Project ID:	040114685	
	· .		,	Analysis Date:	9/27/01

Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Samain	t – – – ät – –				Non-A	sbestos			Asbestos	
Gample	Location	Appearance	Treatment	% Fi	brous	%	Non	Fibrous	% Type	
94A (4017/1685-016.)	LOADING DOCK	Gray/Brown/Green Fibrous Heterogeneous	Teased Dissolved	30% 1%	Cellulose Glass		65%	Non-fibrous (other)	None Deter	zed
94B //aiman25=0190	LOADING DOCK	Gray/Brown/Green Fibrous Heterogeneous	Teased Dissolved	30% 1%	Celulose Glass		 %	Non-fibrous (other)	None Detec	ted
95A 940***#885-015#4	2ND FLR SOUTH SIDE	Gray/Tan/White Fibrous Heterogeneous	Teased	15% 1%	Cellulose Synthetic	•	4%	Non-fibrous (other)	70% Ch	rysotile
96 A 94/17<885-7795	ËXT ROOF	Bleck/Gray/Brown Fibrous Heterogeneous	Teased Dissolved	1% 30%	Celulose Glass	. (9%	Non-fibrous (other)	None Detec	ted
96B 940+14885-0006	2ND FLR CENTER HOLE	Black/Gray/Brown Fibrous Heterogeneous	Teased Dissolved	1% 30%	Ceilulose Glass		9%	Non-fibrous (other)	None Detec	ted
97 A V-0+1468-0490	EXT ROOF	Bieck/Brown Fibrous Heterogeneous	Teased Dissolved	45% 1%	Celulose Synthetic	5	4%	Non-fibrous (other)	None Detec	ted
97B 240/14685-0158	2ND FLR CENTER HOLE	Black/Brown Fibrous Heterogeneous	Teased Dissolved	45% 1%	Cellulose Synthelic	5	4%	Non-fibrous (other)	None Detec	ted
98A 04011498E-0159	EXT ROOF	Black/Brown Fibrous Heterogeneous	Teased Dissolved	80% 3% 3%	Cellulose Hair Synthelic		4%	Non-fibrous (other)	None Detec	ted
98B 343114686 0200	2ND FLR CENTER HOLE	Black/Brown Fibrous Heterogeneous	Teased Dissolved	80%) 3% 3%	Colulose Hair Synthetic	1	4%	Non-fibrous (other)	None Detec	ted

Analyst(s)

Delores Beard (22) Scott Combs (273)

Stephen Siegel CIH cr other approved signatory

FLM has been introduction is addesition in a small percentage of samples which contain addesion reagant. FLM results current be guare steed. Samples reported at 11% or none deported should be leafed with 1EA. The above test report referes only to the rems tasted. This report may not be supreduced, except in sub, without whiten approval by EMSL AniaMicsi, Inc. The addesire rest must not be used by the creat to claim product endorsement by NVLAF for an wagency or the United States States States approval by EMSL. AniaMicsi, Inc. The aniamic rendomed by EMSL wissimmer (NVLAP d)(1008-10, N). EVAP 10272

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Phone: 1856) 858-4800 Fax: (856) 858-4960 Email: ssiegel@EMSL.com

Altn:	Souti Mossey Forbes & Wheeler, Inc. P.O. Box 30467 10 Intraham Terrace	Customer ID: Customer PO:	FORB50
Fax:	Springfield MA 01103-0467 (413) 732-3635 Phone: 413-732-6011	Received	C9/17/01 11:55 AM
Project.	#ARRON-01-J001/FORMER CADLE CO., BRUNSWIC AVE., MOOSUP, CT	K EMSL Onter: EMSL Project ID:	040114685
		Analysis Date	G/77/01

Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Location				Non-A	Aspestos		
		Appearance	Treatment	% Fi	brous	% No	n-Fibrous	% Type
040414685-020 	EXT ROOF	Black/Brown/Gray Fibrous Heterogeneous	Teased Dissolved	1% 10%	Celulose Glass	659	6 Non-fibrous (other)	20% Chrysotile
99B 940114685-0202	2ND FLR CENTER HOLE							Not Analyzed
100A 0-2011:4655-02:03	2ND FLR WEST	Biack/Gray/Brown Fibrous Heterogeneous	Teased Dissolved	1% 30%	Celuiose Giass	65%	Non-fibrous (other)	None Detected
1008 0401114688-0714-	2ND FLR WEST	Black/Gray/Brown Fibrous Helerogeneous	Teased Dissolved	1% 30%	. Cellulose Glass	69%	Nor-fibrous (other)	None Detected
101A narraass-0205	2ND FLR WEST	Black/Brown Fibrous Heterogeneous	Teased Dissolved	15% 1%	Cellulose Synthetic	34%	Non-fibrous (other)	50% Chrysotlie
101B 040114085-0200	2ND FLR WEST			· · · · · · · · · · · · · · · · · · ·	·	· <u>··</u> ······		Not Analyzed
102A ^4?**4685-0207	2ND FLR WEST	Black/Brown Fibrous Heterogeneous	Teased Dissolved	75% 1%	Celluicse Synthetic	24%	Non-fibrous (other)	None Detected
102B 0401146P5-0206	2ND FLR WEST	Black/Brown Fibrous Heterogeneous	Teased Dissolved	75% 1%	Cellulose Synthetic	24%	Non-fibrous (other)	None Detected
103A 340114695-0200	1ST FLR NORTH	Gray/Tan Nor-Fibrous Heterogeneous	Crushed Dissolved	<1%	Cellulose	100%	Non-fibrous (other)	None Detected

Analyst(s)

Delores Beerd (22) Scott Combs (273)

Stephen Siege, CIH or other approved signatory

FUM has been movement oness assesses in a small centerrage of services which contain excessos. Negative PLM results cancel by justicalitied. Danakes reported as 11% or none identities should be justical with refer to be used by the client to can product enders which the report may not be reproduced, except in that, which written approval by EMSL enabled as 11% or none identities and/or test must not be used by the client to can product endersement by NVLAP for any agency of the United States Government Analysis nerticined by EMSL Westmann (NMLAP (\$164-0), MY ELAP 10870

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107 Haddon Ave., Westmont, NJ 08108

Pione: (856) 858-4800 Fax: (856) 858-4960 Email: ssiege:@EMSL.com

Attn:	Scott Mossey Forbes & Wheeler, Inc. P.O. Box 30467 10 Ironaban Terrace	Customer ID: Customer PO: Received	FORB50
Fax:	Springfield, MA 01103-0467 (413) 732-3635 Phone 413-732-601	Received.	09/17/01 11:55 AM
Project:	#ARRON-01-J001/FORMER CADLE CO., BRUNSWICK AVE., MOOSUP, CT	EMSL Order: EMSL Project iD:	040114685
•		Analysis Date:	9/27/01

Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Samala	1.000110-				Non-A	Aspestos			
Gample	Location	Appearance	Treatment	% FI	brous	% Nor	n-Fibrous	% Type	
103B n401 14985-0210	2ND FLR SOUTH	Gray/Tan Non-Fibrous Heterogeneous	Crushed Dissolved	<1%	Celulose	100%	Non-fibrous (other)	None Detected	-
104A 340114635-5211	SHED (EXT)	Black/Gray/Brown Fibrous Heterogeneous	Teased Dissolved	45% 1%	Celulóse Synthetic	54%	Non-fibrous (other)	None Detected	
104B 040114845-0212	SHED (EXT)	Black/Gray/Brown Fibrous Heterogeneous	Teased Dissolved	45% 1%	Cellulose Synthetic	54%	Non-fibrous (other)	None Detected	÷
105A 940114695-0213	SHED (EXT)	Black/Brown Fibrous Heterogeneous	Teased Dissolved	75% 1%	Celulose Synthetic	24%	Non-fibrous (other)	None Detected	
105B 04Cr 14685 02 14	SHED (EXT)	Black/Brown Fibrous Heterogeneous	Teased Dissolved	75% 1%	Celulose Synthetic	24%	Non-fibrous (other)	None Detected	_
106A 940:11:38:35-02:15	FUMP HOUSE	Brown/Tan Non-Fibrous Homogeneous	Teased	45% 1%	Celuiose Synthelic	54%	Non-fibrous (other)	None Detected	<u> </u>
106B 040174535-0276	PUMP HOUSE	Black/Gray/Brown Fibrous Heterogeneous	Teased Dissolved	45% 1%	Cellulose Synthetic	54%	Non-fibrous (otner)	None Detected	
107A 0401 14895-0217	PUMP HOUSE	Black/Brown/Gray Fibrous Heterogeneous	Teased Dissolved	45% 1%	Celulose Synthetic	54%	Non-fibrous (other)	None Detected	
107B 0=0114685-0212	PUMP HOUSE	Black/Brown/Gray Fibrous Heterogeneous	Teased Dissolved	45% 1%	Cellulose Synthetic	54%	Non-fibrous (otner)	None Detected	<u> </u>

Analyst(s)

Delores Beard (22)

Scott Comps (273)

Stephen Siegel, CIH or other approved signatory

PL/I has ever known to miss avestig in a small percentage of samples which contain estivator. Negative PLM results cannot be guaranteed. Samples reported as <160 or none detected at the contract of the contain estivation of the contain estimated with TEM. The endire test report relates only to the contain estimated. This report may not be reproduced, except in full, without written exproved by EMS_ Analyticel, inc. The Analysis percentage by EMS_ Analyticel, inc. The Analysis percentage by EMS_ Manyticel, inc. The Analysis percentage by EMS_ Westmort (NVLAP at C1048-0), VY ELAP 10877

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Attn:	Scott Mossey			Customer ID:	FORB50
	P.O. Box 30467	· .		Customer PO:	
	10 Ingraham Terrace Springfield, MA 01103-0467			Received:	09/17/01 11:55 AM
Fax:	(413) 732-3635	Phone	413-732-6011	music a 's	
Project:	#ARRON-01-J001/FORMER AVE, MOOSUP, CT	CADLE	EMSL Order: EMSL Project ID:	040114685	
				Analysis Date:	9/27/01

Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

1 aye 20.02

Udie. 10/2/2001 9.07.35 AW

Compate	• • •				<u>Non-A</u>		Asbestos	
Sample	Location	Appearance	Treatment	% Fl	brous	% Non	-Fibrous	% Type
108A (40114685-0219	METAL STORAGE BLDG	Tan/Brown/Gray	Teased	95%	Celulose	4%	Non-fibrous (other)	None Detected
	#1	Heterogeneous		1%	Glass		. •	
108B	METAL	Tan/Brown/Gray	Teased	<u>95%</u>	Celulose	404	Mon-fibrous (otrac)	None Detected
9407 14688-0239	STORAGE BLDG #1	Fibrous Heterogeneous	· ·	1%	Glass		Not Findioda (otilet)	
109A	OIL STORAGE	Black/Brown/Gray	Teased	45%	Celulose	5404	Non-fibrous (ather)	None Detected
040114685-0221	TANK BLDG	Fibrous Heterogeneous	Dissolved	1%	Synthetic		(other)	
109B	OIL STORAGE	Black/Brown/Gray	Teased	45%	Cellulose	54%	Non-fibrous (other)	None Detected
040114655-0222	IANK BLDG	Fibrous Heterogeneous	Dissolved	1%	Synthetic	0170		
110A	STORAGE BLDG	Black/Brown/Gray	Teased	45%	Celulose	54%	Non-fibrous (other)	None Detected
040114685-0223	#2	Fibrous Heterogeneous	Dissolved	1%	Synthetic			
110B	STORAGE BLDG	Black/Brown/Gray	Teased	45%	Celulose	54%	Non-fibrous (other)	None Detected
0401 14685-0224	#2	Fibrous Heterogeneous	Dissolved	1%	Synthetic	2		
111A	STORAGE BLDG	Black/Brown	Teased	55%	Celuiose	4494	Non fibrour (atria)	None Detected
0471 14605-0225	#2	Fibrous Heterogeneous	Dissolved	1%	Synthetic		Non-Hibrous (other)	HUIL PROVED
111B	STORAGE BLDG	Black/Brown	Teased	55%	Calulosa	100		None Detected
040174685-0226	#2	Fibrous Heterogeneous	Dissolved	1%	Synthetic	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	Holenblous (other)	HUILE BOLENED
112A	STORAGE BLDG	Gray/Tan	Crushed	1%	Celulose	2023		200/ 01/200
04013469340227	#2	Fibrous Heterogeneous	Teased					30% Chrysotlie

Analyst(s)

Delores Beard (22) Scott Combs (273)

Stephen Siegel, CIH or other approved signatory

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Aitn:	Scott Mossey Forbes & Wheeler, Inc. P.O. Box:30467 10 Ingraham Terrace Springfield, MA 01103-0467			Customer ID: Customer PO: Received:	FORB50 C9/17/01 11:55 AM
Fax	(413) 732-3635	Phone:	413-732-6011		
Project:	#ARRON-01-J001/FORMER	CADLE	EMSL Order. EMSL Project ID:	040114685	
				Analysis Date:	9/27/01

Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Uate. 10/2/2001 9.07 00 MIN

					Non-A	sbesto	<u>5</u>		Asbe	stos
Sample	Location	Appearance	Treatment	% Fil	prous	%	Non	-Fibrous	% Тур)e
1134	STORAGE BLDG	Ten/Gray	Teased	97%	Celulose		3%	Non-fibrous (otner)	None D	etected
		Heterogeneous		• .					•	
113B	STORAGE BLDG	Tan/Gray	Teased	57%	Celulose		3%	Non-fibrous (other)	None D	etected
340114681-0228	#Z	Fibrous Heterogeneous								
11.4A	STORAGE BLDG	Ten/Brown	Teased	1%	Cellulose		94%	Non-fibrous (other)	5%	Chrysotile
0471114685-3230	#2	Fibrous Heterogeneous	Dissolved							
114B	STORAGE BLDG #2		•						Not Ar	alyzed
	· · · · · · · · · · · · · · · · · · ·		· · ·		•		÷		÷.,	
1154	STORAGE BLDG	Tan/Gray	Crusned	<1%	Celulose		98%	Non-fibrous (other)	2%	Chrysotlie
n40114685-0232		Non-Fibrous Heterogeneous	Dissolved				-			
115B	STORAGE BLDG								Not Ar	alyzed
040114655-0233	#2	• • • • •		•	· .			· .	• •	· .
11 6 A	STORAGE BLDG	Black/Brown/Copp	Teased	30%	Celuiose	n ten er e.	69%	Non-fibrous (other)	None D	etected
940174685-0234	#2	Fibrous	Dissolved	1%	Synthetic					
	·	Heterogeneous						•1		
116B	STORAGE BLDG	Black/Brown/Copp	Teased	30%	Celulose		69%	Non-fibrous (other)	<1%	Chrysotlie
040114685-0230	<u>m</u> -	Fibrous	Dissoned	1%	Synthetic				•	
		Heterogeneous	POSSIBLE CONT	AMINATION	•					
117A	STORAGE BLDG	Gray/Tan	Teased	15%	Cellulose		14%	Non-fibrous (other)	70%	Chrysotile
040:14697-0296	#2	Fibrous Heterogeneous		1%	Synthetic					
. ,	· · ·			· · · · · · · · · · · · · · · · · · ·	· .			······································		•
Analyst(s)	•									
Delores Beard (22)			· ·			 8	Steph	en Siegel, CIH		
Scott Combs (273)			4 - 1 -			or d	ther a	pproved signatory		

PLM has been known to this, asbest is in a small parlierings of samples which conten asbestos, i legance PLM results cannot be guare fleed. Samples reported as <1% or none detection should be realed with TEV. The above test report relates only to the items listed. This report may not be reproduced, except in full, without written approval by EVS. Analytical, Inc. The above test must not be used by the client to deim product endorsement by NVLAP nor any agency of the United States Government. Analytical, Inc. The Analysis before any EMS. Westmort (NVLAP #101048-0), VY ELAP 10872.

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107 Haddon Ave., Westmont, NJ 08108

Phone:	(830) 838.	4800	Fax:	(856)	858-4960	Email:	SSIGNALMENCI COM	
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Aitn:	Scott Mossey Forbes & Wheeler, Inc.			Customer ID Customer PO:	FORB50
	10 Ingraham Terrace Springfield, MA 01103-0457		• •	Received:	09/17/01 11:55 AM
Fax:	(413) 732-3635	Priche	413-732-6011	·	
Project:	#ARRCN-01-J001/FORMER AVE., MOOSUP, CT	CADLE	EMSL Order: EMSL Project ID:	040114685	
				Analysis Date:	9/27/01

Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

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- · · · · ·				Non-Asbestos					Aspestos	
Sample	Location	Appearance	Treatment	% Fi	brous	%.	Non	-Fibrous	%· Ty	pe
118A 040114656-02.37	STORAGE BLDG #2	Gray/White Fibrous Heterogeneous	Teased Dissolved	1%	Cellulose		65%	Non-fibrous (other)	30%	Chrysotlie
119A 540114680-0238	STORAGE BLDG #2	Gray/Black/Brown Fibrous Heterogeneous	Teased Dissolved	75%	Celulose	,	25%	Non-fibrous (other)	None D	Detected
119B 04011-1680-72.39	STORAGE BLDG #2	Gray/Black/Brown Fibrous Heterogeneous	Teased Dissolved	75%	Celulose	· ·	.25%	Non-fibrous (otner)	None [Detected
120A 949114685-0245	STORAGE BLDG #2	Black/Brown Fibrous Heterogeneous	Teased Dissolved	85% 1%	Cetulose Synthetic		14%	Non-fibrous (other)	None D	Detected
120B 040* 14880-0241	STORAGE BLDG #2	Black/Brown Fibrous Heterogeneous	Teesed Dissolved	85% 1%	Cellulose Synthetic		14%	Non-fibrous (other)	None C	Detected
121A 040114685-0242	BOILER RM	Gray/White/Tan Fibrous Heterogeneous	Teased	.1%	Cellulose	. ·	69%	Non-fibrous (other)	30%	Chrysotile
122A 040114686-0240	BOILER RM	Gray/Tan/Brown Fibrous Heterogeneous	Teased	1%	Cellulose	<u> </u>	69%	Non-fibrous (other)	25% 5%	Amosite Crocidolite
123A 64011-4656-0244	BOILER RM	Tan/Brown Fibrous Heterogeneous	Teased	45% 1%	Celulose Synthetic		14%	Non-fibrous (other)	40%	Chrysotlle
123B 040114685-0245	BOILER RM	•							Not Ar	nalyzed

Analyst(s)

Delores Beard (22) Scott Combs (273)

Stephen Siegel, CIH or other approved signatory

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PLN has been known to miss aspositis in a small providely of samples which contain aspesios. Nagative PLN resids centred by guaranteed. Samples reported as k1% or none detected should be tasted with 1 EV. The above tast report relates only to the rems tasted. This report may not be reproduced, except in full, without written exproved by EVS. Analytical, Inc. The should be tast must not be used by the client to claim product endersement by NVLAP not any agency of the United States Government. Analysis performed by EVS. Westmont (NVLAP #101048-0), VY ELAP, 10672

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107 Haddon Ave., Westmont, NJ 08108

Prione:	(858) 858-4800 Fax:	(856) 258-4960	Email: ssiegel@EMS	SL.com	
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Attn:	Scott Mossey Forbes & Wheeler, Inc P.O. Box 30467	2.		Customer ID: Customer PO:	FORB50
·	10 Ingraham Terrace Springfield, MA 01103	-0467		Received:	09/17/01 11:55 AM
Fax	(413) 732-3635	Phone	413-732-6011		
Project:	#ARRON-D1-J001/FC AVE., MOOSUP, CT	RMER CADLE	CO., BRUNSWICK	EMSL Order EMSL Project ID:	040114685
				Analysis Date:	9/27/01

Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

• · · ·				Non-Asbestos				Asbestos	
Sample	Location	Appearance	Treatment	% Fi	brous	% Nor	-Fibrous	% Ту	pe
124A 5401 (4985-5245 	BOILER RM	Tan/Gray/Brown Non-Fibrous Heterogeneous	Crushed Teased	<1%	Cellulose	100%	Non-fibrous (other)	None [Detected
124B 040014685-0247	BOILER RM	Tan/Gray/Brown Non-Fibrous Heterogeneous	Crushed Teased	<1%	Celluiose	100%	Non-fibrous (other)	None I	Detected
125A 0<9114885-0248	BOILER RM	Black/Brown Fibrous Heterogeneous	Teased Dissolved	55% 1%	Cellulose Synthelic	44%	Non-fibrous (other)	None I	Detected
125B 9404 1469-0249	BOILER RM	Black/Brown Fibrous Heterogeneous	Teased Dissolved	55% 1%	Cellulose Synthetic	44%	Non-fibrous (other)	None	Detected
126A 940114685-0250	BOILER RM	Bleck/Brown Fibrous Heterögeneous	Teased Dissolved	75% 1%	Cellulose Synthetic	24%	Non-fibrous (other)	<1%	Chrysotile
126B 9401 14665-0307	BOILER RM	Black/Brown Fibrous Heterogeneous	Teased Dissolved	75% 1%	Cellulose Synthetic	24%	Non-fibrous (other)	<1%	Chrysotile
127A 6401 14825-0252	BOILER RM	Gray/Tan Non-Fibrous Heterogeneous	Crushed	<1%	Cellulose	100%	Non-fibrous (other)	None E	Detected
127B 040*14885-0253	BOILER RM	Gray/Tan Non-Fibrous Heterogeneous	Crushed	<1%	Celuiose	100%	Non-fibrous (other)	None C	Detected
127C 940(14085-9254	BOILER RM	Gray/Tan Non-Fibrous Heterogeneous	Crushed	<1%	Celuiose	100%	Non-fibrous (other)	None C	Detected

Analyst(s)

Delores Beard (22) Scott Combs (273)

Stephen Siege:, CIH or other approved signatory

PLM has been known to miss advestics in a small percentage of earches which contain accession readance PLM results cannot be guaranteed. Somples reported as 11% or none detected should be tested with TEM. The above respectively report relates only to the cannot best without written expression and the tested with TEM. The above respectively as the clean to the cannot be reported as 11% or none detected above test must not be used by the clean to clean produced, encode an open and without written expression to the tested with the clean to clean produced encoder and written expression and written expression and to the related as 11% or none detected above test must not be used by the clean to clean produced encoders and the NVLAP nor any agency of the United States Government. Analysis cantom test the tested of the United States Government.

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107 Haddon Ave., Westniom, NJ 08108

Phone: (856) 858-4860 Fax: (856) 858-4960 Email: ssiegel@EMSL.com

Attn:	Scoti Mossey Forbes & Wheeler, Inc.	Customer ID: Customer PO:	FORB50
	10 Ingraham Terrace Springfield, MA 01103-0467	Received	09/17/01 11:55 AM
Fax: Project:	(413) 732-3635 Phone 413-732-6011 #ARRON-01-J001/FORMER CADLE CO., BRUNSWICH AVE., MOOSUP, CT	EMSL Order: EMSL Project ID:	040114685
		Analysis Date:	9/27/01

Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

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Date: 10/2/2001 9.07 05 Alvi

Channel 1	• <i>4</i>			Non-Asbestos				Aspestos	
Sample	Location	Appearance	Treatment	6 Fil	prous	% Non	Fibrous	% Туре	
127D 3401-4665-0255	BOILER RM	Gray/Tan Non-Fibrous Heterogeneous	Crushed	<1%	Celulose	100%	Non-fibrous (other)	None Detected	
127E 940114680-0266	BOILER RM	Gray/Tan Non-Fibrous Heterogeneous	Crushed	<1%	Celulose	100%	Non-fibrous (cther)	None Detected	
128A 040114680-0057	TURBINE AREA	Brown/Tan/Gray Fibrous Heterogeneous	Crushed POSSIBLE CONTAMI	<1% 10%	Cellulose Fibrous (other)	90%	Non-fibrous (other)	None Detected	
128B 0401 14685-0258	TURBINE AREA	Brown/Tan/Gray Fibrous Heterogeneous	Crushed	<1% 10%	Celluiose Fibrous (other)	90%	Non-fibrous (other)	None Detected	
129A 0401 1458:-0256	TURBINE AREA	Gray Non-Fibrous Homogeneous	Crushed			100%	Non-fibrous (other)	None Detected	
1298 040114685-0260	TURBINE AREA	Gray Non-Fibrous Homogeneous	Crushed	·	<u></u>	100%	Non-fibrous (other)	None Detected	
130A 040114685-0261	TURBINE AREA	Brown Non-Fibrous Homogeneous	Crushed			100%	Non-fibrous (other)	None Detected	
130B 040114665-0282	TURBINE AREA	Brown Non-Fibrous Homogeneous	Crushed			100%	Non-fibrous (otner)	None Detected	
131A 040114685-0283	TURBINE BLDG	Brown Non-Florous Homogeneous	Crushed	· · · ·		100%	Non-fibrous (other)	None Detected	

Analyst(s)

 Delores Beard (22)
 Stephen Siegel, CIH

 Scott Combs (273)
 or other approved signatory

 PLM has been known to miss astestics in a sinal percentage of samplas which contain aspestor hasgaine PLM results cannot be guaranteed, Samplas reported as <1% or none extents</td>

 should be tested with TEM. The above test report relates only to the testes been tester due to the other to claim product endersoner: by MLAP nor only spency of the United States Growman t

 Arabysis partormed by EMSL Weathand (VLAP #101046-0): NY ELAP 10672

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107 Haddon Ave., Westmont, NJ 08108

Phone: (856) 858-4100	Fax: (856) 858-4960	Email: ssiegel@EMSL.com

Attn:	Scott Mossey Forbes & Wheeler, Inc.	Customer ID: Customer PO:	FORB50
	10 Ingraham Terrace Springfield, MA 01103-0467	Received	C9/17/01 11:55 AM
Fax:	(413) 732-3635 Phone 413-732-6011	ENO, ON STATE	
Project	#ARRON-01-J001/FORMER CADLE CO., BRUNSWIC AVE., MOOSUP, CT	EMSL Order: K EMSL Project ID:	040114685
		Analysis Date:	0/27/04

Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Samula		• <u></u>	-		Non	Asbestos		<u>Asbestos</u>
oarnhis	LOCAUON	Appearance	reatment	<u>%</u> Fi	brous	% Nor	-Fibrous	% Type
131B 0407 14695-0264		Brown Non-Fibreus Homogeneous	Crushed			100%	Non-fibrous (otner)	None Detected
131C 040+74685-0265	TURBINE BLDG	Brown Non-Fibrous Homogeneous	Crushed			100%	Non-fibrous (other)	None Detected
131D .\-20174685-0265	TURBINE BLDG	Brown Non-Fibrous Homogeneous	Crushed			100%	Non-fibrous (other)	None Detected
131E <i>447114686-0267</i>	TURBINE BLDG	Brown Non-Fibrous Homogeneous	Crushed			100%	Non-fibrous (other)	None Detected
132A 04011465540268	WATER OUTLET AREA	Bleck Fibrous Heterogeneous	Crushed Dissolved	40%	Giass	60%	Non-fibrous (other)	None Detected
133A (40) 14838-0269	WATER OUTLET	Black Non-Fibrous Homogeneous	Crushed			100%	Non-fibrous (other)	None Detected
134A 940114686-0277	WATER OUTLET AREA	Black Fibrous Homogeneous	Teased	30%	Celulose	55%	Non-fibrous (other)	15% Chrysotlie
135A 040114685-0271	WATER OUTLET AREA	Black Fibrous Homogeneous	Dissolved	40%	Celuioșe	60%	Non-fibrous (other)	None Detected
135B 0401488647298	WATER OUTLET AREA	Black Fibrous Homogeneous	Dissolved	45%	Celulose	55%	Non-fibrous (other)	None Detected

Analyst(s)

Delores Beard (22) Scott Comps (273)

Stephen Siegel, CIH or other approved signatory

PL/4 has been known to miss advants in a small percentage of samples which contain astwalus. Negative PLN results cannot be guaranteed. Samples reported as <1% or none (debus) should be tested with TEX. The above test report relates only to the nems tasted, into record any not be reproduced, except to no. Which contain astronaution above test must not be used by the chant to dam produce indicates only to the nems tasted. Into record agency of the United States Government Analytice, inc. The Analytice percent to the sense to the United States Government.

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EMSL Analytical, Inc.

107 Haudon Ave., Westmorit, NJ 03108

Phone:	856) 858-4800 Fax: (856) 85	8-4960	Emali: sslegel@EMSL.cc	0		2001
-			·			
Atta:	Scott Mossey			Customer ID:	FORB50	
	Forbes & Wheeler, Inc.			Customer PO:	•	
	10 Ingraham Terrace Springfield MA 01103-0467			Received	09/17/01 11:55 AM	
Fax:	(413) 732-3635	Phone	413-732-6011			
Project:	#ARRON-01-J001/FORMER AVE., MOOSUP, CT	CADLE	CO., BRUNSWICK	EMSL Order: EMSL Project ID:	040114685	
				Analysis Date:	9/27/01	

Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

			·		Non-A	sbestos		Asbe	estos	
Sample	Location	Appearance	Treatment	% Fit	prous	% Non	-Fibrous	% Тур	De	
136A 040174038-0272	WATER OUTLET AREA	Black Fibrous Homogeneous	Teased	30%	Cellulose	55%	Non-fibrous (other)	15%	Chrysotlle	
P-1-01 0-0114655-0273	PILE #1	Black Fibrous Homogeneous	Dissolved	60%	Celulose	40%	Non-fibrous (other)	None D	etected	
P-1-02 9401:4686-0274	PILE.#1	Black Fibrous Heterogeneous	Crushed Dissolved	45%	Glass	55%	Non-fibrous (otner)	None D	etected	
P-1-03 -0113589-0275	PÏLE #1	Brown Fibrous Homogeneous	Teased	10%	Cellulose	70%	Non-fibrous (other)	20%	Chrysotile	
P-1-04 040114585-0276	FILE #1	Blue/White/Brown Fibrous Heterogeneous	Crushed	•		100%	Non-fibrous (other)	None D	etected	
P-2-01 640/14085-0277	PILĖ #2	Black Fibrous Heterogeneous	Crushed Dissolved	40%	Glass	60%	Non-fibrous (other)	None D	etected	
P-2-02 9401::48:00-0270	PILE #2	Black Fibrous Homogeneous	Dissolved	· ·		85%	Non-fibrous (other)	15%	Chrysotlie	
P-2-03 040174665-0279	PILE #2	Gray Fibrous Homogeneous	Teased	100%	Celuiose	· .	······	None D	Detected	

Analyst(s)

Delores Beard (22) Scott Combs (273)

Stephen Siegel, CIH or other approved signatory

PLM has been known to miss asbestos in a small perventage of samples which oundain asbestos Napaove PLM results cannot be guaranteed. Samples reported as 4196 or none detects: sroud be tested with TEM. The above test report relative only to the nems tested. This report may not be reproduced, except in this without written approvel by EMS. Analyticat line The above test must not be used by the client to clearn product endersement by NVLAP not any agency of the United States Growmment. MEWAS performent the EMSL Westmont (NVLAF #101048-0), NY ELAP 16571

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Asbestos Investigative Survey Report Former Cadle Company, Brunswick Avenue, Moosup, CT Forbes & Wheeler Project NO.: AARON-01-J001

Appendix B

Accreditations and Certifications

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Certificate of Training

Awarded to SCOTT MOSSEY 040-82-2157 (DOB 04/07/1970)

For successful completion of a 4 Hour, 1/2 Day Asbestos Building Inspector Annual Refresher Training

MAY 18, 2001

This training was approved and given in accordance with the Department of Health Staindards established pursuant to section 19a-332-23 of the Connecticut General Statutes and meets the requirements of the EPA Revised MAP under TSCA Title II of 4/4/94. Presented by

Mystic Air Quality Consultants, Inc. 1204 North Road, Groton, CT 06340 (800) 247-7746

Certificate Number: ABIRF8232

____ • • • <u>___</u>_ . ∐

Exam Grade: 100% Exam Date: 05/18/2001 Expiration Date: 05/18/2002

Carlstopher J. Eident, CIH, CSP, RS

George Williamson, Training Director



Asbestos Investigative Survey Report Former Cadle Company, Brunswick Avenue, Moosup, CT Forbes & Wheeler Project NO.: AARON-01-J001

Appendix C

Field Mark-up Drawing

