RANSOM
Consulting, Inc.

Consulting
Engineers
and Scientists

June 29, 2015

Project 131.06099.005

Ms. Tracy Kelly
Maine Department of Environmental Protection
Bureau of Remediation and Waste Management
17 State House Station
Augusta, Maine

RE: Hazardous Building Materials Survey, Rev. 1
Forster Manufacturing
81 Depot Street
Wilton, Maine

Dear Ms. Kelly:

Ransom Consulting, Inc. (Ransom) has prepared this report presenting the results of the Hazardous Building Materials Survey (HBMS) performed at the former Forster Manufacturing property, located at 81 Depot Street in Wilton, Maine (the Site). The work was authorized by the Maine Department of Environmental Protection (MEDEP), and was performed in accordance with the fully executed MEDEP *Request For Bids (RFB) #62– Phase I Environmental Site Assessment & Hazardous Building Materials* dated April 22, 2015. The HBMS included inspection and sampling for asbestos-containing materials, a survey of lead-based paint, and an evaluation of other hazardous and potentially hazardous building components (aka "universal" wastes).

The purpose of the HBMS is to provide information pertinent to renovation or demolition projects involving the site structures. Spreadsheets showing the tabulated results of asbestos and paint chip analytical testing, a visual inventory of universal wastes, and anticipated budgetary costs for removal and disposal of hazardous building materials are provided in Tables 1 through 3. Generalized floor plans for the Site building, including locations of samples testing positive for asbestos, are provided in Figures 1 through 4. A photograph log documenting our key findings is included as Attachment A.

Ransom conducted our HBMS on May 7 and May 15, 2015, and was accompanied by Ms. Tracy Kelly and Mr. John Bucci of MEDEP on May 7, 2015. Based on the results of our inspection, Ransom draws the following conclusions:

1. Asbestos-containing materials were identified at the Site. Materials identified as asbestos-containing material (ACM) that may be impacted by future renovation or demolition of the Site building should be properly removed prior to such activities. Due to access and safety limitations, asphalt-based roofing materials were identified as presumed asbestos-containing materials (PACM). Results of asbestos testing and abatement cost estimates are provided in Table 1;

2. A dumpster with asbestos placards and apparent ACM waste was observed in the parking area immediately east of the Site Building during our inspection. According to communications with Ms. Rhonda Irish, Town Manager for the Town of Wilton, this dumpster has been removed and ACM has been properly disposed of, as of the date of this report.

3. Some of the painted surfaces tested on the interior and exterior of the Site building contained lead at high enough concentrations to delineate the materials as "lead-based" according to United States Housing and Urban Development (HUD) guidelines. These guidelines apply to federal housing projects and are referenced for comparison purposes only, and are not a regulatory consideration in this scenario. General and/or demolition contractors may perform demolition of surfaces coated with lead based paint (LBP) or lead-containing coatings, provided that the handling of components coated with paint containing lead *at any concentration* (referred to as lead-containing paint) complies with Occupational Safety and Health Administration's (OSHA's) lead standards. LBP testing results are provided in Table 2; and

4. Ransom inventoried additional hazardous or potentially hazardous building fixtures at the Site during the course of this investigation that may contain polychlorinated biphenyls (PCBs) and heavy metals. Disposal of each of these items is also subject to hazardous and/or universal waste disposal requirements. An inventory of universal wastes identified during this HBMS and associated removal cost estimates are provided in Table 3.

LIMITATIONS

This hazardous building materials survey is subject to certain limitations, which must be considered when interpreting the results. The information presented in this report is based upon work undertaken by trained professional and technical staff in accordance with generally accepted engineering and scientific practices current at the time the work was performed. No survey will definitively identify all hazardous materials within a building. Additional materials may be present that were not identified during our survey due to hidden conditions or other limitations on our inspection. Conclusions represent the professional judgment of Ransom based on the data obtained from the work and the site conditions encountered at the time the work was performed and are not to be construed as legal advice.

In addition to these general stipulations, additional site-specific limitations are as follows:

1. Due to access limitations and safety concerns, asphalt-based roofing materials were not sampled for potentially asbestos-containing materials. These materials are presented as PACM, and should be treated as ACM unless/until thorough sampling and laboratory analysis demonstrate that they are not ACM; and

2. Our inspection was conducted on behalf of MEDEP, and is representative of conditions observed at the time of this report. No reliance shall be made by other users, for additional purposes, or for future demolition/ renovation projects at the Site building.

Ms. Tracy Kelly
Maine Department of Environmental Protection

Cost estimates assume that all identified ACM will be abated, regardless of whether the building will be demolished or retained. If the building is to remain, then intact ACM may be managed in place, and may not require removal, as long as it remains intact, undamaged, and in good condition.

The cost estimates presented are not intended to be quotes for these services, rather engineering cost estimates for project planning purposes. Ransom recommends that competitive contractor bids be solicited for proper abatement and/or disposal of the identified hazardous materials.

If you have any questions regarding the information in this report please do not hesitate to contact any of the undersigned.

Sincerely,

RANSOM CONSULTING, INC.

Lucas D. Hathaway
Project Scientist

Aaron Martin
2015-06-29
15:51-04:00

Heather R. Forgione
Hazardous Materials Specialist

Nicholas O. Sabatine, P.G.
Vice President

LDH/HRF/NOS:lrk
Attachments

Hazardous Building Materials Survey
Forster Manufacturing Inc.
81 Depot Street, Wilton, Maine
Prepared for: Maine Department of Environmental Protection
Date: June 10, 2015
Ransom Project Number 131.06009.005.02
Prepared by: Lucas Hathaway, Project Scientist
Reviewed by: Heather Forgione, Hazardous Materials Specialist
Project Manager: Nick Sabatine, P.G.

TABLE 1: SUMMARY OF ASBESTOS TESTING AND COST ESTIMATES

Sample ID	Material	Location	Laboratory Analytical Result	Approximate Quantity	Unit Cost	Removal Cost	Notes
01A	**Cement cylinder and cap**	**Photo building**	**35% Chrysotile**	**1 Each (4 LF)**	**$100**	**$100**	
01B			**NA/PS**				1
01C							
02A	**Window glaze**	**Photo building**	**0.02% Chrysotile**	**480 Each**	**$125**	**$60,000**	
02B		**Original/wood section**	**NAD**				
02C		**Original/wood section**	**3.81% Chrysotile**				2
03A	Red siding paper	Original/wood section	NAD				3
03B							
03C							
04A	Window caulk	Main Mill Building - wood section	NAD				
04B							
04C							
05A	Black siding paper	Main Mill Building - wood section	NAD				
05B							
05C							
06A	**Window glaze**	**Rear wood addition**	**4.95% Chrysotile**	**5 Each**	**$125**	**$625**	
06B			**NA/PS**				
06C							
07A	Interior window glaze	Back brick section, 1st floor	NAD				
07B							
07C							
08A	Interior window glaze	Back brick section, 2nd floor	NAD				
08B							
08C							
09A	**Interior window glaze**	**Partial demo brick section**	**2.35% Chrysotile**	**66 Each**	**$250**	**$16,500**	
09B			**NA/PS**				
09C							
10A	Interior window glaze	Brick stair tower	NAD				
10B							
10C							
11A	Drywall	Basement ceiling	NAD				
11B							
11C							
12A	**Cement board pieces**	**Overhead beams - basement**	**35% Chrysotile**	**150 SF**	**$5**	**$750**	
12B		**Window panel - basement**	**NA/PS**				4
12C		**Overhead beams - first floor**					4
13A	**Cement paneling**	**Electrical room - basement**	**55% Chrysotile**	**100 SF**	**$5**	**$500**	
13B			**NA/PS**				
13C							
14A	**Cement paneling**	**Vertical shaft interior**	**35% Chrysotile**	**1,700 SF**	**$8**	**$13,600**	5
14B			**NA/PS**				
14C							

Sample ID	Material	Location	Laboratory Analytical Result	Approximate Quantity	Unit Cost	Removal Cost	Notes
15A	Wall paneling	Elevator car - basement SE	NAD				
15B							
15C							
16A	**Brown sheet flooring**	**1st floor bath**	**35% Chrysotile**	**180 SF**	**$4**	**$720**	
16B			**NA/PS**				
16C							
17A	Gray 12-inch floor tile	2nd floor bath/office	NAD				
17B							
17C							
18A	Red 12-inch floor tile	2nd floor bath/office	NAD				
18B							
18C							
19A	Brick pattern sheet floor	2nd floor bath/office	NAD				
19B							
19C							
20A	Drywall	2nd floor office area	NAD				
20B		3rd floor office area					
20C		3rd floor office area					
21A	Joint Compound	2nd floor office area	NAD				
21B		3rd floor office area					
21C		3rd floor office area					
22A	**Cement panel flooring**	**2nd floor bath/office**	**35% Chrysotile**	**400 SF**	**$5**	**$2,000**	
22B		**2nd floor bath/office**	**NA/PS**				
22C		**2nd floor east end**					4
23A	Layer 1: Base coat plaster	2nd floor - central brick section	NAD				
	Layer 2: Skim coat plaster						
23B	Layer 1: Base coat plaster						
	Layer 2: Skim coat plaster						
23C	Layer 1: Base coat plaster						
	Layer 2: Skim coat plaster						
23D	Layer 1: Base coat plaster						
	Layer 2: Skim coat plaster						
23E	Layer 1: Base coat plaster						
	Layer 2: Skim coat plaster						
24A	12-inch floor tile mastic	2nd floor	NAD				
24B							
24C							
25A	Residual 9-inch floor tile mastic	3rd floor SE	NAD				
25B							
25C							
26A	**Pebble pattern sheet floor**	**3rd floor**	**35% Chrysotile**	**1,200 SF**	**$4**	**$4,800**	
26B			**NA/PS**				
26C							
27A	Black stripe pattern 12-inch floor tile	3rd floor	NAD				
27B							
27C							
28A	**Small-diameter pipe insulation**	**Boiler room**	**35% Chrysotile**	**200 LF**	**$20**	**$4,000**	
28B			**NA/PS**				
28C							
29A	Ceiling plaster	Boiler room	NAD				
29B							
29C							
29D							
29E							
30A	**Boiler gasket**	**Boiler room**	**85% Chrysotile**	**3 Each**	**$50**	**$150**	
30B			**NA/PS**				
30C							

Sample ID	Material	Location	Laboratory Analytical Result	Approximate Quantity	Unit Cost	Removal Cost	Notes
31A	**Thermal jacketing - wood boiler**	**Boiler room**	**NAD**	**1 Each**	**$20,000**	**$20,000**	6
31B			**Not received**				
31C			**Not received**				
32A	**Thermal jacketing - oil boilers**	**Boiler room**	**20% Chrysotile**	**2 Each**	**$20,000**	**$40,000**	
32B			**NA/PS**				
32C							
33A	**Large-diameter pipe insulation**	**Boiler room**	**45% Chrysotile**	**200 LF**	**$30**	**$6,000**	
33B			**NA/PS**				
33C							
NS	***Asphalt-based roofing***	***Throughout***	***PACM***	***100,000 SF***	***$3***	***$300,000***	7, 8, 9, 10
NS	***Metal-clad fire doors***	***Throughout***	***PACM***	***60 Each***	***$200***	***$12,000***	
					Subtotal:	**$481,745**	
					Contingency:	**$24,000**	11
					Asbestos Total:	**$505,745**	

1: NA/PS = Not Analyzed/Positive Stop
2: Sample set of window glaze associated with wood window sashes indicates heterogeneity of material. Quantity of ACM may be reduced by supplemental inspection and sampling.
3: NAD = No Asbestos Detected
4: Materials considered homogeneous with "A" sample
5: Higher than typical unit cost removed due to difficulty of removal
6: 31B and 31C samples reported as "not received" by lab. This material is treated as ACM until/unless complete sample set is re-collected and tests negative.
7: NS = Not Sampled. PACM = Presumed asbestos-containing materials. Budgetary costs are carried to remove and dispose as ACM until laboratory testing can demonstrate otherwise.
8: Asphalt-based roofing materials were not sampled due to access/safety concerns. Roofing materials should be sampled for asbestos content during demolition phase, in order to determine proper handling and disposal methods.
9: Unit cost for roofing removal based on work conducted by asbestos abatement firm. A cost savings may be achieved by conducting removal using properly trained roofing or demolition firm.
10: Quantity based on measurements taken from aerial photography of Site building.
11: A 5% contingency is applied to cover the cost of potential hidden conditions, and/or variation in industry pricing for removal and disposal.

Hazardous Building Materials Survey
Forster Manufacturing Inc.
81 Depot Street, Wilton, Maine
Prepared for: Maine Department of Environmental Protection
Date: June 10, 2015
Ransom Project Number 131.06009.005.02
Prepared by: Lucas Hathaway, Project Scientist
Reviewed by: Heather Forgione, Hazardous Materials Specialist
Project Manager: Nick Sabatine, P.G.

TABLE 2: SUMMARY OF LEAD-BASED PAINT TESTING

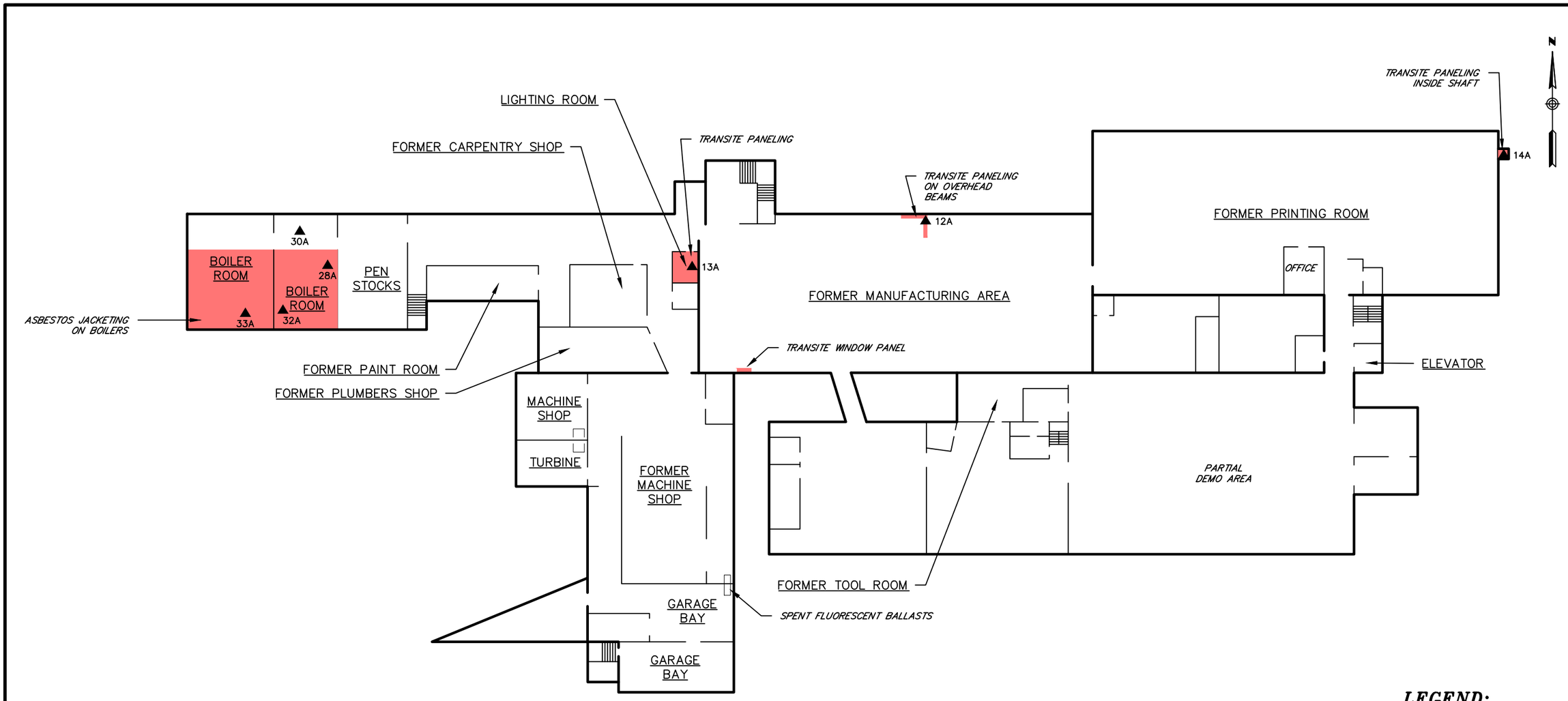
Sample ID	Color/Substrate/Component	Location	Laboratory Analytical Result	Notes
Pb-01	**Red Wood Clapboard**	**Photo building exterior**	**13**	1
Pb-02	**Red Wood Clapboard**	**Main Mill Building exterior**	**19**	
Pb-03	**Green Wood Window casing**	**Main Mill Building exterior**	**21**	
Pb-04	**White Wood Window ledge**	**Main Mill Building exterior**	**4**	
Pb-05	White Wood Overhead door	Loading Dock	0.011	
Pb-06	**White Wood Corner trim**	**Main Mill Building exterior**	**1.9**	
Pb-07	**Green Wood Window sash**	**Main Mill Building exterior**	**3.7**	
Pb-08	White Brick wall	Interior - Basement	0.038	
Pb-09	White Wood Carrying beam	Interior - Basement	0.23	
Pb-10	Gray Steel Column	Interior - Basement	0.47	
Pb-11	Blue Brick Wall	Interior - First Floor	<0.01	
Pb-12	**Orange Steel Column**	**Interior - First Floor**	**16**	
Pb-13	Green Wood Column	Interior - First Floor	0.021	
Pb-14	White Wood Ceiling	Interior - First Floor	<0.01	
Pb-15	Brown Wood Column	Interior - Second Floor	0.4	
Pb-16	Green Drywall Wall	Interior - Second Floor	<0.01	
Pb-17	White Wood Beam	Interior - Second Floor	0.027	
Pb-18	White Wood Ceiling	Interior - Second Floor	0.059	

1: Total Lead Concentrations in percent by weight.

TABLE 3: SUMMARY OF UNIVERSAL WASTE INVENTORY AND COST ESTIMATES

Component	Location	Hazard	Approximate Quantity	Unit Cost	Removal Cost	Notes
Electronic ballast associated w/fluorescent lighting fixtures	Throughout	PCBs	236	$12	$2,832	1
Fluorescent lamps (includes CFLs)	Throughout	Mercury	120	$4	$480	
Batteries associated w/emergency lighting systems	Throughout	Heavy Metals	31	$35	$1,085	
				Total:	**$4,397**	

1: Represents conservative/worst-case cost assumption.
Ballasts were not checked for PCB labeling. All units should be checked during demolition phase and handled and disposed accordingly.



LEGEND:

▲ 33A — SAMPLE TESTING POSITIVE FOR ASBESTOS

APPROXIMATE LOCATION OF ASBESTOS CONTAINING MATERIALS

NOTES:

1. SITE PLAN BASED ON MEASUREMENTS AND OBSERVATIONS MADE BY RANSOM CONSULTING, INC. ON MAY 7, AND MAY 13, 2015.
2. SOME FEATURES ARE APPROXIMATE IN LOCATION AND SCALE.
3. THIS PLAN HAS BEEN PREPARED FOR MAINE DEPARTMENT OF ENVIRONMENTAL PROTECTION. ALL OTHER USES ARE NOT AUTHORIZED, UNLESS WRITTEN PERMISSION IS OBTAINED FROM RANSOM CONSULTING, INC.

0 20 40 80

SCALE in FEET
1"=40'

RANSOM Consulting, Inc.

PREPARED FOR:
MAINE DEPARTMENT OF ENVIRONMENTAL PROTECTION
17 STATE HOUSE STATION
AUGUSTA, MAINE

SITE:
FORSTER MANUFACTURING
81 DEPOT STREET
WILTON, MAINE

BASEMENT PLAN & INTERIOR OBSERVATIONS

DATE: JUNE 2015
PROJECT: 131.06099
FIGURE: 1

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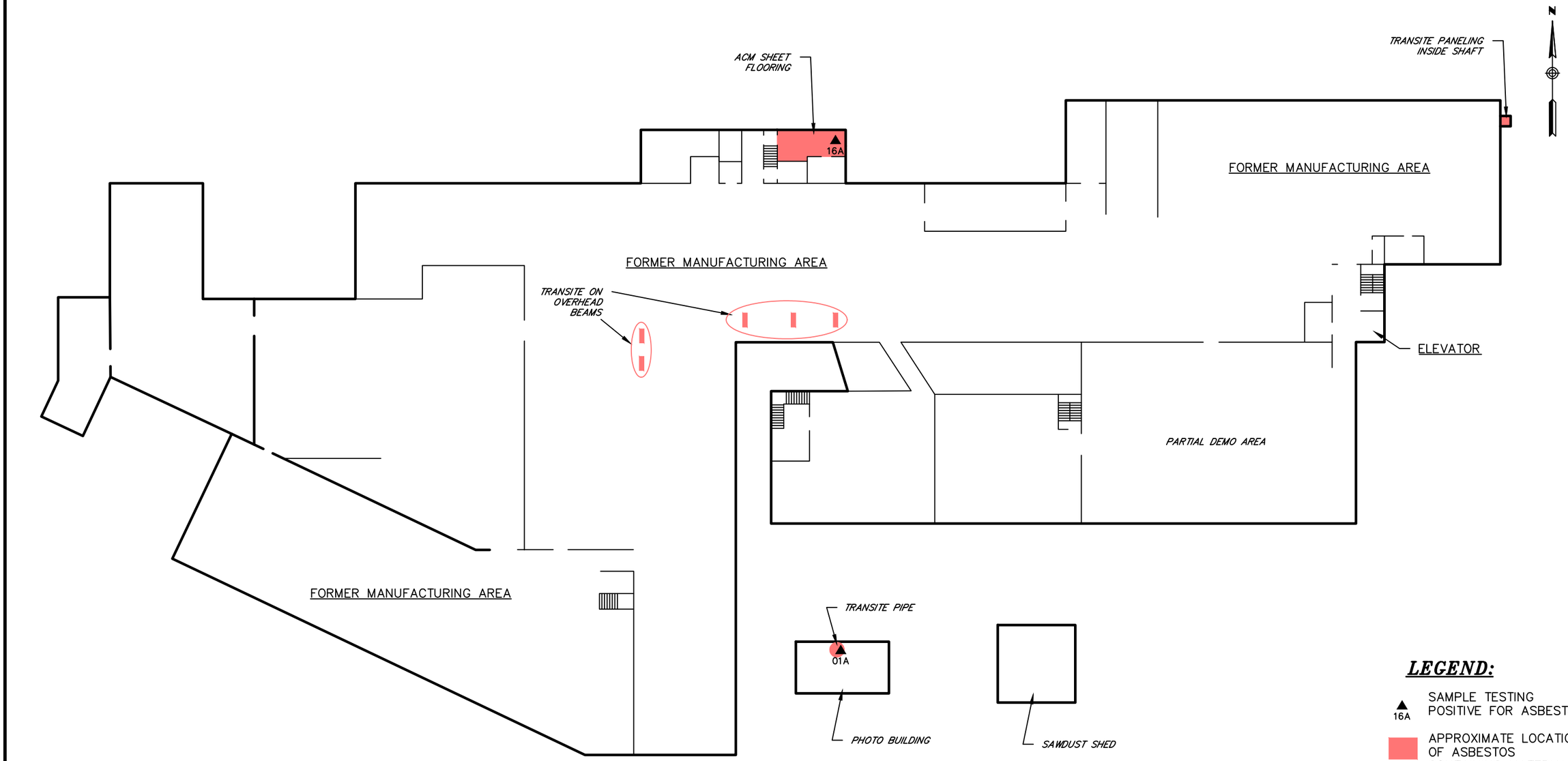

LEGEND:

- ▲ 16A — SAMPLE TESTING POSITIVE FOR ASBESTOS
- APPROXIMATE LOCATION OF ASBESTOS CONTAINING MATERIALS

NOTES:

1. SITE PLAN BASED ON MEASUREMENTS AND OBSERVATIONS MADE BY RANSOM CONSULTING, INC. ON MAY 7, AND MAY 13, 2015.
2. SOME FEATURES ARE APPROXIMATE IN LOCATION AND SCALE.
3. THIS PLAN HAS BEEN PREPARED FOR MAINE DEPARTMENT OF ENVIRONMENTAL PROTECTION. ALL OTHER USES ARE NOT AUTHORIZED, UNLESS WRITTEN PERMISSION IS OBTAINED FROM RANSOM CONSULTING, INC.

0 20 40 80

SCALE in FEET
1"=40'

RANSOM Consulting, Inc.

PREPARED FOR:
MAINE DEPARTMENT OF ENVIRONMENTAL PROTECTION
17 STATE HOUSE STATION
AUGUSTA, MAINE

SITE:
FORSTER MANUFACTURING
81 DEPOT STREET
WILTON, MAINE

FIRST FLOOR PLAN & INTERIOR OBSERVATIONS

DATE: JUNE 2015
PROJECT: 131.06099
FIGURE: 2

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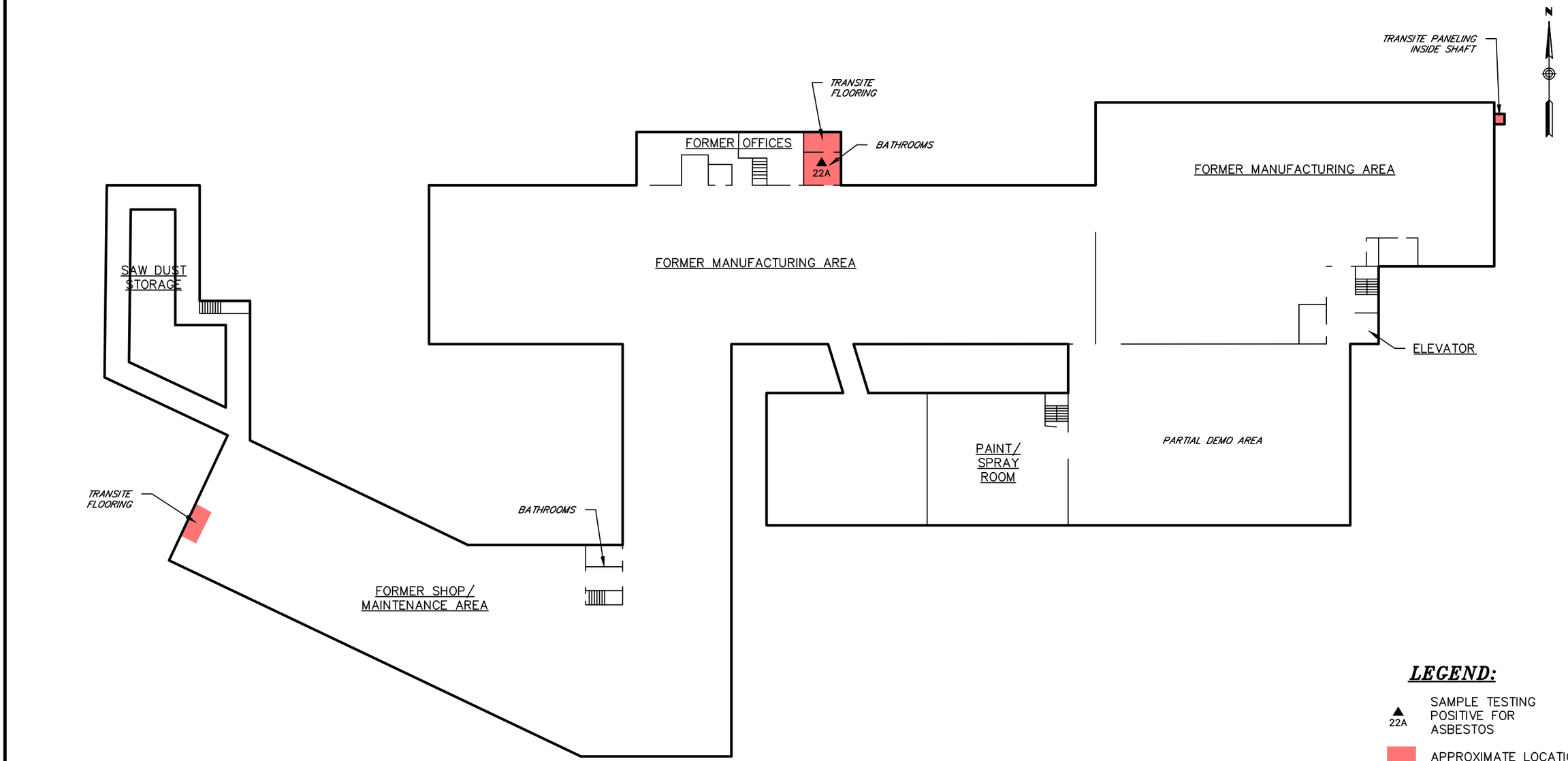

NOTES:

1. SITE PLAN BASED ON MEASUREMENTS AND OBSERVATIONS MADE BY RANSOM CONSULTING, INC. ON MAY 7, AND MAY 13, 2015.
2. SOME FEATURES ARE APPROXIMATE IN LOCATION AND SCALE.
3. THIS PLAN HAS BEEN PREPARED FOR MAINE DEPARTMENT OF ENVIRONMENTAL PROTECTION. ALL OTHER USES ARE NOT AUTHORIZED, UNLESS WRITTEN PERMISSION IS OBTAINED FROM RANSOM CONSULTING, INC.

LEGEND:

▲ 22A — SAMPLE TESTING POSITIVE FOR ASBESTOS

APPROXIMATE LOCATION OF ASBESTOS CONTAINING MATERIALS

0 20 40 80

SCALE in FEET
1"=40'

RANSOM Consulting, Inc.

PREPARED FOR:
MAINE DEPARTMENT OF ENVIRONMENTAL PROTECTION
17 STATE HOUSE STATION
AUGUSTA, MAINE

SITE:
FORSTER MANUFACTURING
81 DEPOT STREET
WILTON, MAINE

SECOND FLOOR PLAN & INTERIOR OBSERVATIONS

DATE: JUNE 2015
PROJECT: 131.06099
FIGURE: 3

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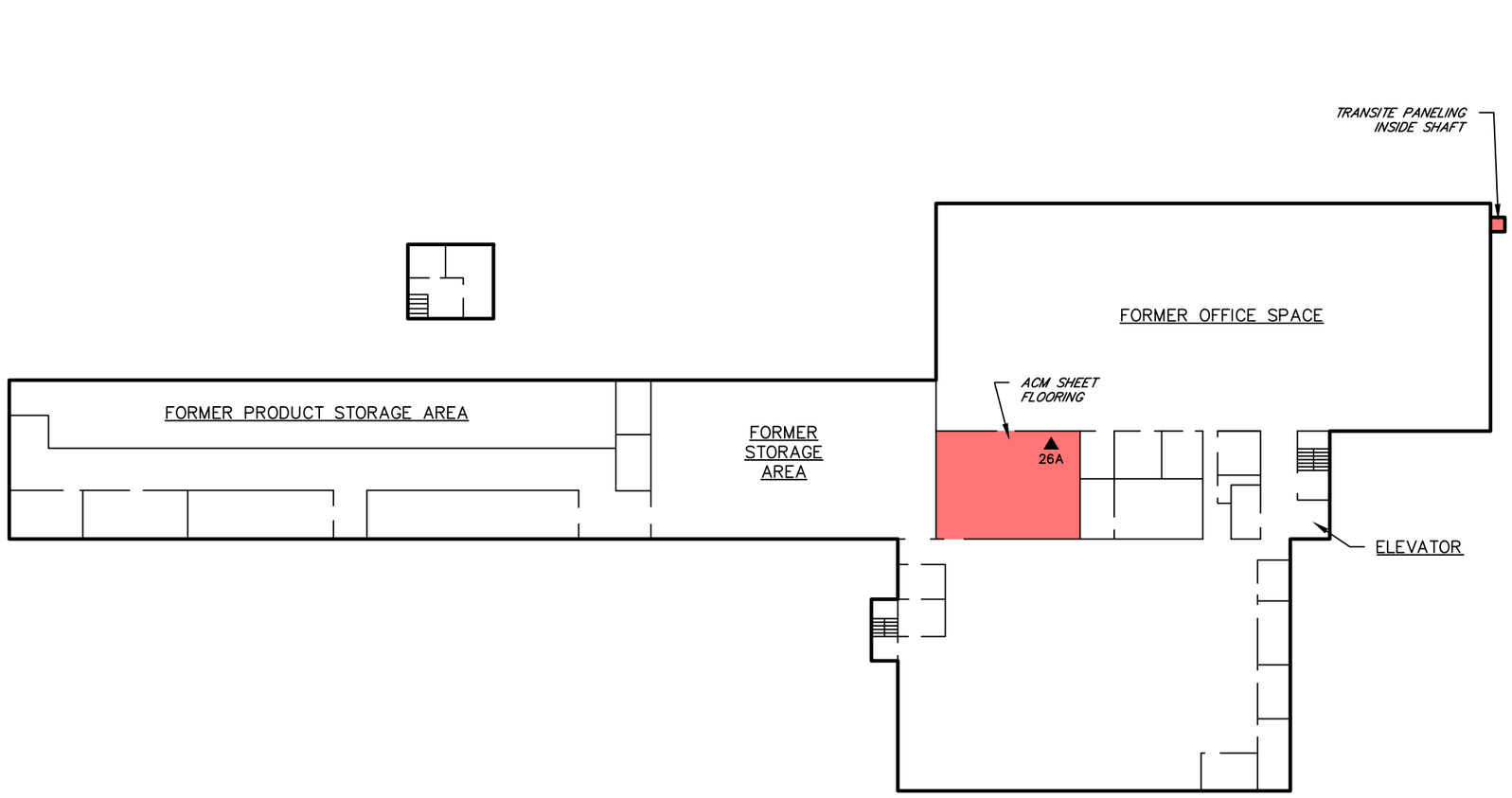

LEGEND:

▲ 26A — SAMPLE TESTING POSITIVE FOR ASBESTOS

APPROXIMATE LOCATION OF ASBESTOS CONTAINING MATERIALS

NOTES:

1. SITE PLAN BASED ON MEASUREMENTS AND OBSERVATIONS MADE BY RANSOM CONSULTING, INC. ON MAY 7, AND MAY 13, 2015.
2. SOME FEATURES ARE APPROXIMATE IN LOCATION AND SCALE.
3. THIS PLAN HAS BEEN PREPARED FOR MAINE DEPARTMENT OF ENVIRONMENTAL PROTECTION. ALL OTHER USES ARE NOT AUTHORIZED, UNLESS WRITTEN PERMISSION IS OBTAINED FROM RANSOM CONSULTING, INC.

0 20 40 80

SCALE in FEET
1"=40'

RANSOM Consulting, Inc.

PREPARED FOR:
MAINE DEPARTMENT OF ENVIRONMENTAL PROTECTION
17 STATE HOUSE STATION
AUGUSTA, MAINE

SITE:
FORSTER MANUFACTURING
81 DEPOT STREET
WILTON, MAINE

THIRD FLOOR PLAN & INTERIOR OBSERVATIONS

DATE: JUNE 2015
PROJECT: 131.06099
FIGURE: 4

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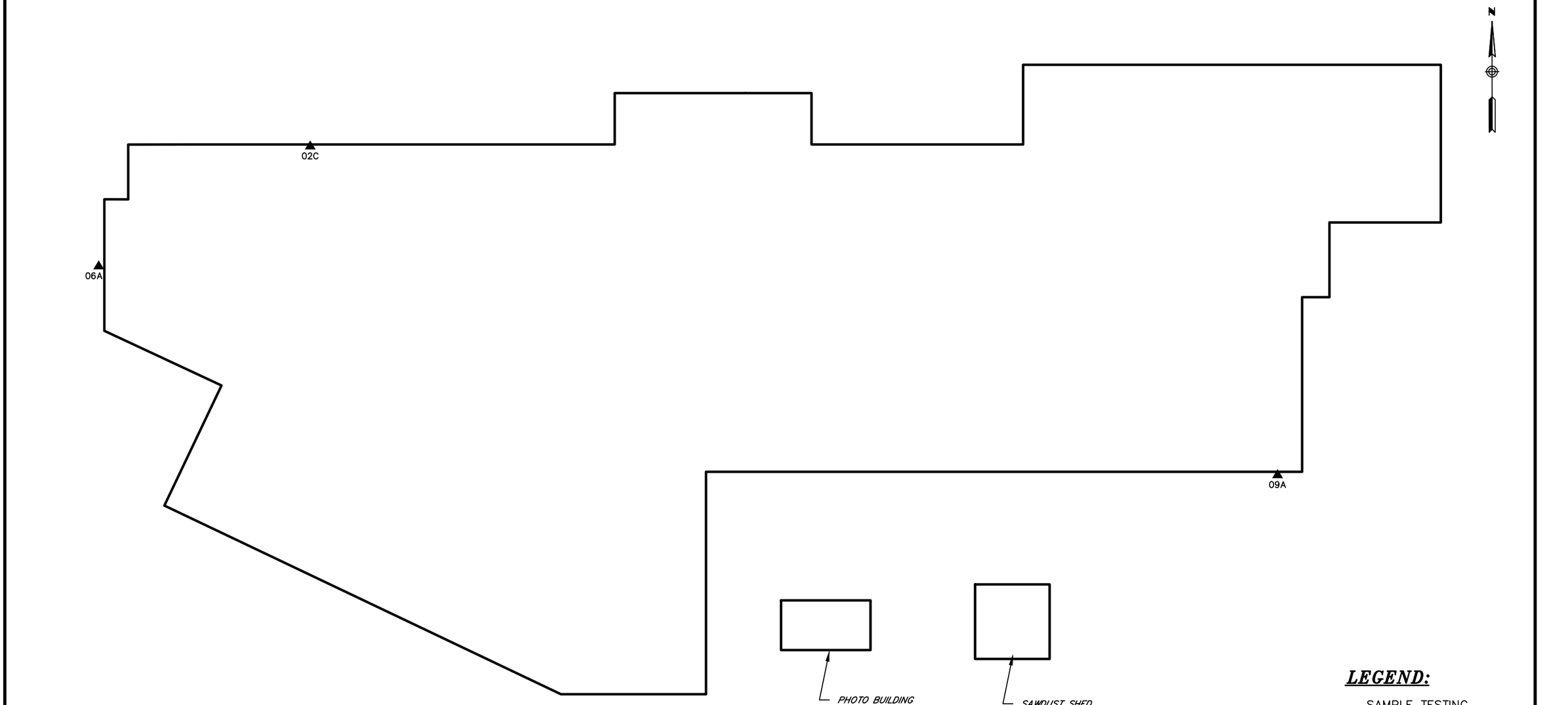

LEGEND:

▲ 02C — SAMPLE TESTING POSITIVE FOR ASBESTOS

NOTES:

1. SITE PLAN BASED ON MEASUREMENTS AND OBSERVATIONS MADE BY RANSOM CONSULTING, INC. ON MAY 7 AND MAY 13, 2015.
2. SOME FEATURES ARE APPROXIMATE IN LOCATION AND SCALE.
3. THIS PLAN HAS BEEN PREPARED FOR MAINE DEPARTMENT OF ENVIRONMENTAL PROTECTION. ALL OTHER USES ARE NOT AUTHORIZED, UNLESS WRITTEN PERMISSION IS OBTAINED FROM RANSOM CONSULTING, INC.

0 20 40 80

SCALE in FEET
1"=40'

RANSOM Consulting, Inc.

PREPARED FOR:
MAINE DEPARTMENT OF ENVIRONMENTAL PROTECTION
17 STATE HOUSE STATION
AUGUSTA, MAINE

SITE:
FORSTER MANUFACTURING
81 DEPOT STREET
WILTON, MAINE

ROOF/EXTERIOR PLAN

DATE: JUNE 2015
PROJECT: 131.06099
FIGURE: 5

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ATTACHMENT A

Photograph Log

Hazardous Building Materials Survey
Forster Manufacturing
81 Depot Street
Wilton, Maine

View of Site building, from main entrance/parking area. View is to the east.

Asbestos-cement piping and cap observed inside Photo Building. (Sample set 01)

Exterior window glaze on Main Mill Building wood-sash windows. (Sample set 02)

View of several windows on Main Mill with ACM glazing.

View of "rear wood addition" including windows with ACM glazing. (Sample set 06)

Steel sash windows with ACM interior glazing on "partial demo section." (Sample set 09)

Closer view of ACM window glazing on "partial demo section" steel sash windows.

Small pieces of asbestos-cement board nailed to ceiling in Main Mill Building. (Sample set 12)

Asbestos-cement paneling inside electrical room in Main Mill Building basement. (Sample set 13)

Asbestos-cement paneling lining vertical shaft on Main Mill Building west exterior wall. (Sample set 14)

Brown sheet flooring observed in 1st floor bath. (Sample set 16)

Asbestos-cement board flooring observed in 2nd floor bath. (Sample set 22)

Pebble pattern sheet flooring observed on Main Mill Building 2nd floor. (Sample set 26)

Large- and small-diameter asbestos-containing pipe insulation observed inside boiler room. (Sample sets 28, 33)

Asbestos-containing gasket observed on one of three boilers. (Sample set 30)

Asbestos-containing jacketing on wood-fired boiler. (Sample set 31/PACM)

Asbestos-containing jacketing on oil-fired boilers. (Sample set 32)

PACM asphalt-containing roofing mixed in with demolition debris at Site.

One of several PACM fire doors observed throughout the Main Mill Complex.

Steel window sashes presumed from "partial demo section," removed from building and mixed with demolition debris.

Previously abated ACM inside roll-off dumpster onsite. Dumpster reportedly removed prior to this report.

Lead-based paint on wood clapboards on Main Mill Building exterior.

Lead-based paint on exterior window components on Main Mill Building exterior.

Presumed PCB-containing unlabeled electronic ballasts observed inside Main Mill Building.

ATTACHMENT B

Laboratory Reports

Hazardous Building Materials Survey
Forster Manufacturing
81 Depot Street
Wilton, Maine

OPTIMUM
Analytical and Consulting, LLC
85 Stiles Road, Suite 201, Salem, NH 03079 Phone: (603)-458-5247

Lucas Hathaway
Ransom Environmental Consultants, Inc
400 Commercial St
Portland ME 04101

Project #:	131.06099
Laboratory Batch #:	1512166
Date Samples Received:	05/21/2015
Date Samples Analyzed:	05/26/2015
Date of Final Report:	06/01/2015

SAMPLE IDENTIFICATION:

One Hundred Three (103) Bulk samples from Forster Mill - Wilton, ME; submitted by: Lucas Hathaway

These bulk samples were delivered to Optimum Analytical Consulting, LLC for asbestos content determination.

ANALYTICAL METHOD:

Analytical procedures were performed in accordance with the U.S. Environmental Protection Agency (EPA) Recommended Method for the Determination of Asbestos in Bulk Samples by Polarized Light Microscopy and Dispersion Staining (PLM/DS)(EPA-600/M4-82-020, EPA-600/ R-93-116) and the New York Department of Health Environmental Laboratory Approval Program (NYDOH-ELAP 198.1) with the exception of resinously bound materials (please refer to the comments at the end of this report). This report relates only to those samples actually analyzed, and may not be indicative of other similar appearing materials existing at this, or other sites.

Quantification of asbestos content was determined by Calibrated Visual Estimation.

The EPA requires that friable samples with analytical results of 10% or less asbestos, by visual estimation, be treated as asbestos-containing material unless these quantities are verified using the point counting method. The point counting method is a systematic technique for estimating concentration, also using PLM. The point counting method, however, does not increase the analyst's ability to detect fibers. If you would like any of your friable samples with an asbestos content of less than 10% to be point counted, please contact our office. Point counting is not required for those samples in which no asbestos is detected during analysis by PLM.

In any given material, fibers with a small diameter (<0.25mm) may not be detected by the PLM method. Floor tile and other resinously bound material may yield a false negative if the asbestos fibers are too small to be resolved using PLM. Additional analytical methods may be required. Optimum recommends using Transmission Electron Microscopy (TEM) for a more definitive analysis.

New York state regulations require that all friable samples in which asbestos is detected be point counted (using the NYDOH-ELAP stratified point counting method). New York state regulations also require TEM confirmation of NOB (Non Organically Bound) samples found to have No Asbestos Detected by PLM. These regulations apply only to samples taken within the State of New York.

Optimum Analytical and Consulting, LLC will retain all samples for a minimum of three months. Further analysis or return of samples must be requested within this three month period to guarantee their availability.

Use of the NVLAP and AIHA Logo in no way constitutes or implies product certification, approval, or endorsement by the National Institute of Standards and Technology or the American Industrial Hygiene Association.

This report is considered preliminary until signed by the Laboratory Director and Supervisor.

If you have any questions regarding this report, please do not hesitate to contact us.

NVLAP Lab ID#: 101433-0

Jamie L. Noel
Laboratory Director

Kristina Scaviola
Laboratory Supervisor

OPTIMUM
Analytical and Consulting, LLC
85 Stiles Road, Suite 201, Salem, NH 03079 Phone: (603)-458-5247

BULK SAMPLE ANALYSIS REPORT
POLARIZED LIGHT MICROSCOPY

PLM (EPA-600/M4-82-020, EPA-600/ R-93-116) NVLAP Lab Code: 101433-0

CLIENT: Ransom Environmental Consultants, Inc
ADDRESS: 400 Commercial St
CITY / STATE / ZIP: Portland ME 04101
CONTACT: Lucas Hathaway
DESCRIPTION: PLM Analysis
LOCATION: Forster Mill - Wilton, ME

ORDER #: 1512166
PROJECT #: 131.06099
DATE COLLECTED: 05/13/2015
COLLECTED BY: Lucas Hathaway
DATE RECEIVED: 05/21/2015
ANALYSIS DATE: 05/26/2015
REPORT DATE: 06/01/2015
ANALYST: Jamie Noel

REPORT OF ANALYSIS

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Asbestos Type	(%)	Non-Asbestos Components	(%)
1512166-001 01A	Photo Building Cement Cylinder and Cap, Gray	LAYER 1 100%	Chrysotile	35%	Cellulose Fiber Binder/Filler	1% 64%
		Total % Asbestos:		35.0%	**Total % Non-Asbestos:**	65.0%
1512166-002 01B	Photo Building Cement Cylinder and Cap, Gray Note: Positive Stop	LAYER 1 100%				
1512166-003 01C	Photo Building Cement Cylinder and Cap, Gray Note: Positive Stop	LAYER 1 100%				
1512166-004 02A	Photo Building Window Glaze, Gray	LAYER 1 100%	Chrysotile	.02%	Cellulose Fiber Binder/Filler	1% 98.98%
		Total % Asbestos:		<1%	**Total % Non-Asbestos:**	100.0%
1512166-005 02B	Original/Wood Section Window Glaze, Gray	LAYER 1 100%	None Detected		Cellulose Fiber Binder/Filler	1% 99%
		Total % Asbestos:	No Asbestos Detected		**Total % Non-Asbestos:**	100.0%
1512166-006 02C	Original/Wood Section Window Glaze, Gray	LAYER 1 100%	Chrysotile	3.81%	Cellulose Fiber Binder/Filler	1% 95.19%
		Total % Asbestos:		3.8%	**Total % Non-Asbestos:**	96.2%
1512166-007 03A	Original/Wood Section Red Siding Paper,	LAYER 1 100%	None Detected		Cellulose Fiber Binder/Filler	99% 1%
		Total % Asbestos:	No Asbestos Detected		**Total % Non-Asbestos:**	100.0%
1512166-008 03B	Original/Wood Section Red Siding Paper,	LAYER 1 100%	None Detected		Cellulose Fiber Binder/Filler	99% 1%
		Total % Asbestos:	No Asbestos Detected		**Total % Non-Asbestos:**	100.0%

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Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Asbestos Type	(%)	Non-Asbestos Components	(%)
1512166-009 03C	Original/Wood Section Red Siding Paper,	LAYER 1 100%	None Detected		Cellulose Fiber Binder/Filler	99% 1%
		Total % Asbestos:	No Asbestos Detected		**Total % Non-Asbestos:**	100.0%
1512166-010 04A	Main Mill Building - Wood Section Window Caulk, Gray/White	LAYER 1 100%	None Detected		Cellulose Fiber Binder/Filler	1% 99%
		Total % Asbestos:	No Asbestos Detected		**Total % Non-Asbestos:**	100.0%
1512166-011 04B	Main Mill Building - Wood Section Window Caulk, Gray/White	LAYER 1 100%	None Detected		Cellulose Fiber Binder/Filler	1% 99%
		Total % Asbestos:	No Asbestos Detected		**Total % Non-Asbestos:**	100.0%
1512166-012 04C	Main Mill Building - Wood Section Window Caulk, Gray/White	LAYER 1 100%	None Detected		Cellulose Fiber Binder/Filler	1% 99%
		Total % Asbestos:	No Asbestos Detected		**Total % Non-Asbestos:**	100.0%
1512166-013 05A	Main Mill Building - Wood Section Black Siding Paper,	LAYER 1 100%	None Detected		Cellulose Fiber Binder/Filler	95% 5%
		Total % Asbestos:	No Asbestos Detected		**Total % Non-Asbestos:**	100.0%
1512166-014 05B	Main Mill Building - Wood Section Black Siding Paper,	LAYER 1 100%	None Detected		Cellulose Fiber Binder/Filler	95% 5%
		Total % Asbestos:	No Asbestos Detected		**Total % Non-Asbestos:**	100.0%
1512166-015 05C	Main Mill Building - Wood Section Black Siding Paper,	LAYER 1 100%	None Detected		Cellulose Fiber Binder/Filler	95% 5%
		Total % Asbestos:	No Asbestos Detected		**Total % Non-Asbestos:**	100.0%
1512166-016 06A	Rear Wood Addition Window Glazing, Gray	LAYER 1 100%	Chrysotile	4.95%	Cellulose Fiber Binder/Filler	1% 94.05%
		Total % Asbestos:		5.0%	**Total % Non-Asbestos:**	95.1%

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DESCRIPTION:	PLM Analysis	**DATE RECEIVED:**	05/21/2015
LOCATION:	Forster Mill - Wilton, ME	**ANALYSIS DATE:**	05/26/2015
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REPORT OF ANALYSIS

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Asbestos Type	(%)	Non-Asbestos Components	(%)
1512166-017 06B	Rear Wood Addition Window Glazing, Gray Note: Positive Stop	 LAYER 1 100%				
1512166-018 06C	Rear Wood Addition Window Glazing, Gray Note: Positive Stop	 LAYER 1 100%				
1512166-019 07A	Back Brick Section, 1st Floor Interior Window Glaze, White/Gray	 LAYER 1 100%	 None Detected		 Cellulose Fiber Binder/Filler	 1% 99%
		Total % Asbestos:	No Asbestos Detected		**Total % Non-Asbestos:**	100.0%
1512166-020 07B	Back Brick Section, 1st Floor Interior Window Glaze, White/Gray	 LAYER 1 100%	 None Detected		 Cellulose Fiber Binder/Filler	 1% 99%
		Total % Asbestos:	No Asbestos Detected		**Total % Non-Asbestos:**	100.0%
1512166-021 07C	Back Brick Section, 1st Floor Interior Window Glaze, White/Gray	 LAYER 1 100%	 None Detected		 Cellulose Fiber Binder/Filler	 1% 99%
		Total % Asbestos:	No Asbestos Detected		**Total % Non-Asbestos:**	100.0%
1512166-022 08A	Back Brick Section, 2nd Floor Interior Window Glaze, White/Gray	 LAYER 1 100%	 None Detected		 Cellulose Fiber Binder/Filler	 1% 99%
		Total % Asbestos:	No Asbestos Detected		**Total % Non-Asbestos:**	100.0%
1512166-023 08B	Back Brick Section, 2nd Floor Interior Window Glaze, White/Gray	 LAYER 1 100%	 None Detected		 Cellulose Fiber Binder/Filler	 1% 99%
		Total % Asbestos:	No Asbestos Detected		**Total % Non-Asbestos:**	100.0%
1512166-024 08C	Back Brick Section, 2nd Floor Interior Window Glaze, White/Gray	 LAYER 1 100%	 None Detected		 Cellulose Fiber Binder/Filler	 1% 99%
		Total % Asbestos:	No Asbestos Detected		**Total % Non-Asbestos:**	100.0%

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REPORT OF ANALYSIS

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Asbestos Type	(%)	Non-Asbestos Components	(%)
1512166-025 09A	Partial Demo Brick Section Interior Window Glaze, Gray/White	LAYER 1 100%	Chrysotile	2.35%	Cellulose Fiber Binder/Filler	1% 96.65%
		Total % Asbestos:		2.4%	**Total % Non-Asbestos:**	97.7%
1512166-026 09B	Partial Demo Brick Section Interior Window Glaze, Gray/White Note: Positive Stop	LAYER 1 100%				
1512166-027 09C	Partial Demo Brick Section Interior Window Glaze, Gray/White Note: Positive Stop	LAYER 1 100%				
1512166-028 10A	Brick Stair Tower Interior Window Glaze, Beige	LAYER 1 100%	None Detected		Cellulose Fiber Binder/Filler	1% 99%
		Total % Asbestos:	No Asbestos Detected		**Total % Non-Asbestos:**	100.0%
1512166-029 10B	Brick Stair Tower Interior Window Glaze, Beige	LAYER 1 100%	None Detected		Cellulose Fiber Binder/Filler	1% 99%
		Total % Asbestos:	No Asbestos Detected		**Total % Non-Asbestos:**	100.0%
1512166-030 10C	Brick Stair Tower Interior Window Glaze, Beige	LAYER 1 100%	None Detected		Cellulose Fiber Binder/Filler	1% 99%
		Total % Asbestos:	No Asbestos Detected		**Total % Non-Asbestos:**	100.0%
1512166-031 11A	Basement Ceiling Drywall, Brown	LAYER 1 100%	None Detected		Cellulose Fiber Binder/Filler	10% 90%
		Total % Asbestos:	No Asbestos Detected		**Total % Non-Asbestos:**	100.0%
1512166-032 11B	Basement Ceiling Drywall, Brown	LAYER 1 100%	None Detected		Cellulose Fiber Binder/Filler	10% 90%
		Total % Asbestos:	No Asbestos Detected		**Total % Non-Asbestos:**	100.0%

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Laboratory ID / Sample No.	Sample Location / Description	Layer No. / Layer %	Asbestos Type	(%)	Non-Asbestos Components	(%)
1512166-033	Basement Ceiling					
11C	Drywall, Brown	LAYER 1 100%	None Detected		Cellulose Fiber Binder/Filler	10% 90%
		Total % Asbestos:	No Asbestos Detected		**Total % Non-Asbestos:**	100.0%
1512166-034	Overhead Beams - Throughout					
12A	Cement Board Pieces, Beige	LAYER 1 100%	Chrysotile	35%	Cellulose Fiber Binder/Filler	2% 63%
		Total % Asbestos:		35.0%	**Total % Non-Asbestos:**	65.0%
1512166-035	Overhead Beams - Throughout					
12B	Cement Board Pieces, Beige Note: Positive Stop	LAYER 1 100%				
1512166-036	Overhead Beams - Throughout					
12C	Cement Board Pieces, Beige Note: Positive Stop	LAYER 1 100%				
1512166-037	Electrical Room - Basement					
13A	Cement Paneling, Gray	LAYER 1 100%	Chrysotile	55%	Cellulose Fiber Binder/Filler	2% 43%
		Total % Asbestos:		55.0%	**Total % Non-Asbestos:**	45.0%
1512166-038	Electrical Room - Basement					
13B	Cement Paneling, Gray Note: Positive Stop	LAYER 1 100%				
1512166-039	Electrical Room - Basement					
13C	Cement Paneling, Gray Note: Positive Stop	LAYER 1 100%				
1512166-040	Vertical Shaft Interior					
14A	Cement Paneling, Gray	LAYER 1 100%	Chrysotile	35%	Cellulose Fiber Binder/Filler	1% 64%
		Total % Asbestos:		35.0%	**Total % Non-Asbestos:**	65.0%
1512166-041	Vertical Shaft Interior					
14B	Cement Paneling, Gray Note: Positive Stop	LAYER 1 100%				

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REPORT OF ANALYSIS

Laboratory ID / Sample No.	Sample Location / Description	Layer No. / Layer %	Asbestos Type	(%)	Non-Asbestos Components	(%)
1512166-042	Vertical Shaft Interior					
14C	Cement Paneling, Gray Note: Positive Stop	LAYER 1 100%				
1512166-043	Elevator Car - Basement SE					
15A	Wall Paneling, Blue/Brown	LAYER 1 100%	None Detected		Cellulose Fiber Binder/Filler	90% 10%
		Total % Asbestos:	No Asbestos Detected		**Total % Non-Asbestos:**	100.0%
1512166-044	Elevator Car - Basement SE					
15B	Wall Paneling, Blue/Brown	LAYER 1 100%	None Detected		Cellulose Fiber Binder/Filler	90% 10%
		Total % Asbestos:	No Asbestos Detected		**Total % Non-Asbestos:**	100.0%
1512166-045	Elevator Car - Basement SE					
15C	Wall Paneling, Blue/Brown	LAYER 1 100%	None Detected		Cellulose Fiber Binder/Filler	90% 10%
		Total % Asbestos:	No Asbestos Detected		**Total % Non-Asbestos:**	100.0%
1512166-046	1st Floor Bath					
16A	Brown Sheet Flooring,	LAYER 1 100%	Chrysotile	35%	Cellulose Fiber Binder/Filler	35% 30%
		Total % Asbestos:		35.0%	**Total % Non-Asbestos:**	65.0%
1512166-047	1st Floor Bath					
16B	Brown Sheet Flooring, Positive Stop	LAYER 1 100%				
1512166-048	1st Floor Bath					
16C	Brown Sheet Flooring, Positive Stop	LAYER 1 100%				
1512166-049	2nd Floor Bath/Office					
17A	Gray 12-inch Floor Tile,	LAYER 1 100%	None Detected		Cellulose Fiber Binder/Filler	1% 99%
		Total % Asbestos:	No Asbestos Detected		**Total % Non-Asbestos:**	100.0%

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Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Asbestos Type	(%)	Non-Asbestos Components	(%)
1512166-050 17B	2nd Floor Bath/Office Gray 12-inch Floor Tile,	LAYER 1 100%	None Detected		Cellulose Fiber Binder/Filler	1% 99%
		Total % Asbestos:	No Asbestos Detected		**Total % Non-Asbestos:**	100.0%
1512166-051 17C	2nd Floor Bath/Office Gray 12-inch Floor Tile,	LAYER 1 100%	None Detected		Cellulose Fiber Binder/Filler	1% 99%
		Total % Asbestos:	No Asbestos Detected		**Total % Non-Asbestos:**	100.0%
1512166-052 18A	2nd Floor Bath/Office Red 12-inch Floor Tile,	LAYER 1 100%	None Detected		Cellulose Fiber Binder/Filler	1% 99%
		Total % Asbestos:	No Asbestos Detected		**Total % Non-Asbestos:**	100.0%
1512166-053 18B	2nd Floor Bath/Office Red 12-inch Floor Tile,	LAYER 1 100%	None Detected		Cellulose Fiber Binder/Filler	1% 99%
		Total % Asbestos:	No Asbestos Detected		**Total % Non-Asbestos:**	100.0%
1512166-054 18C	2nd Floor Bath/Office Red 12-inch Floor Tile,	LAYER 1 100%	None Detected		Cellulose Fiber Binder/Filler	1% 99%
		Total % Asbestos:	No Asbestos Detected		**Total % Non-Asbestos:**	100.0%
1512166-055 19A	2nd Floor Bath/Office Brick Pattern Sheet Floor, Red/Beige	LAYER 1 100%	None Detected		Cellulose Fiber Binder/Filler	1% 99%
		Total % Asbestos:	No Asbestos Detected		**Total % Non-Asbestos:**	100.0%
1512166-056 19B	2nd Floor Bath/Office Brick Pattern Sheet Floor, Red/Beige	LAYER 1 100%	None Detected		Cellulose Fiber Binder/Filler	1% 99%
		Total % Asbestos:	No Asbestos Detected		**Total % Non-Asbestos:**	100.0%
1512166-057 19C	2nd Floor Bath/Office Brick Pattern Sheet Floor, Red/Beige	LAYER 1 100%	None Detected		Cellulose Fiber Binder/Filler	1% 99%
		Total % Asbestos:	No Asbestos Detected		**Total % Non-Asbestos:**	100.0%

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Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Asbestos Type	(%)	Non-Asbestos Components	(%)
1512166-058 20A	2nd Floor Office Area Drywall, Brown/White	LAYER 1 100%	None Detected		Cellulose Fiber Binder/Filler	10% 90%
		Total % Asbestos:	No Asbestos Detected		**Total % Non-Asbestos:**	100.0%
1512166-059 20B	3rd Floor Office Area Drywall, Brown/White	LAYER 1 100%	None Detected		Cellulose Fiber Binder/Filler	10% 90%
		Total % Asbestos:	No Asbestos Detected		**Total % Non-Asbestos:**	100.0%
1512166-060 20C	3rd Floor Office Area Drywall, Brown/White	LAYER 1 100%	None Detected		Cellulose Fiber Binder/Filler	10% 90%
		Total % Asbestos:	No Asbestos Detected		**Total % Non-Asbestos:**	100.0%
1512166-061 21A	2nd Floor Office Area Joint Compound, White	LAYER 1 100%	None Detected		Cellulose Fiber Binder/Filler	1% 99%
		Total % Asbestos:	No Asbestos Detected		**Total % Non-Asbestos:**	100.0%
1512166-062 21B	3rd Floor Office Area Joint Compound, White	LAYER 1 100%	None Detected		Cellulose Fiber Binder/Filler	1% 99%
		Total % Asbestos:	No Asbestos Detected		**Total % Non-Asbestos:**	100.0%
1512166-063 21C	3rd Floor Office Area Joint Compound, White	LAYER 1 100%	None Detected		Cellulose Fiber Binder/Filler	1% 99%
		Total % Asbestos:	No Asbestos Detected		**Total % Non-Asbestos:**	100.0%
1512166-064 22A	2nd Floor Bath/Office Cement Panel Flooring, Gray	LAYER 1 100%	Chrysotile	35%	Cellulose Fiber Binder/Filler	1% 64%
		Total % Asbestos:		35.0%	**Total % Non-Asbestos:**	65.0%
1512166-065 22B	2nd Floor Bath/Office Cement Panel Flooring, Gray Note: Positive Stop	LAYER 1 100%				

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Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Asbestos Type	(%)	Non-Asbestos Components	(%)
1512166-066	2nd Floor Bath/Office					
22C	Cement Panel Flooring, Gray Note: Positive Stop	LAYER 1 100%				
1512166-067	2nd Floor - Central Brick Section					
23A	LAYER 1 Rough Coat Plaster, Gray	LAYER 1 100%	None Detected		Cellulose Fiber Hair Binder/Filler	3% 10% 87%
	LAYER 2 Skim Coat Plaster, White	LAYER 2 100%	None Detected		Cellulose Fiber Binder/Filler	1% 99%
		Total % Asbestos:	No Asbestos Detected		**Total % Non-Asbestos:**	100.0%
1512166-068	2nd Floor - Central Brick Section					
23B	LAYER 1 Rough Coat Plaster, Gray	LAYER 1 100%	None Detected		Cellulose Fiber Hair Binder/Filler	3% 10% 87%
	LAYER 2 Skim Coat Plaster, White	LAYER 2 100%	None Detected		Cellulose Fiber Binder/Filler	1% 99%
		Total % Asbestos:	No Asbestos Detected		**Total % Non-Asbestos:**	100.0%
1512166-069	2nd Floor - Central Brick Section					
23C	LAYER 1 Rough Coat Plaster, Gray	LAYER 1 100%	None Detected		Cellulose Fiber Hair Binder/Filler	3% 10% 87%
	LAYER 2 Skim Coat Plaster, White	LAYER 2 100%	None Detected		Cellulose Fiber Binder/Filler	1% 99%
		Total % Asbestos:	No Asbestos Detected		**Total % Non-Asbestos:**	100.0%
1512166-070	2nd Floor - Central Brick Section					
23D	LAYER 1 Rough Coat Plaster, Gray	LAYER 1 100%	None Detected		Cellulose Fiber Hair Binder/Filler	3% 10% 87%
	LAYER 2 Skim Coat Plaster, White	LAYER 2 100%	None Detected		Cellulose Fiber Binder/Filler	1% 99%
		Total % Asbestos:	No Asbestos Detected		**Total % Non-Asbestos:**	100.0%

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Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Asbestos Type	(%)	Non-Asbestos Components	(%)
1512166-071	2nd Floor - Central Brick Section					
23E	LAYER 1	LAYER 1	None Detected		Cellulose Fiber	3%
	Rough Coat Plaster, Gray	100%			Hair	10%
					Binder/Filler	87%
	LAYER 2	LAYER 2	None Detected		Cellulose Fiber	1%
	Skim Coat Plaster, White	100%			Binder/Filler	99%
		Total % Asbestos:	No Asbestos Detected		**Total % Non-Asbestos:**	100.0%
1512166-072	2nd Floor					
24A	12-inch Floor Tile Mastic, Tan	LAYER 1	None Detected		Cellulose Fiber	2%
		100%			Binder/Filler	98%
		Total % Asbestos:	No Asbestos Detected		**Total % Non-Asbestos:**	100.0%
1512166-073	2nd Floor					
24B	12-inch Floor Tile Mastic, Tan	LAYER 1	None Detected		Cellulose Fiber	2%
		100%			Binder/Filler	98%
		Total % Asbestos:	No Asbestos Detected		**Total % Non-Asbestos:**	100.0%
1512166-074	2nd Floor					
24C	12-inch Floor Tile Mastic, Tan	LAYER 1	None Detected		Cellulose Fiber	2%
		100%			Binder/Filler	98%
		Total % Asbestos:	No Asbestos Detected		**Total % Non-Asbestos:**	100.0%
1512166-075	3rd Floor SE					
25A	Residual 9-inch Floor Tile Mastic, Black	LAYER 1	None Detected		Cellulose Fiber	5%
		100%			Binder/Filler	95%
		Total % Asbestos:	No Asbestos Detected		**Total % Non-Asbestos:**	100.0%
1512166-076	3rd Floor SE					
25B	Residual 9-inch Floor Tile Mastic, Black	LAYER 1	None Detected		Cellulose Fiber	5%
		100%			Binder/Filler	95%
		Total % Asbestos:	No Asbestos Detected		**Total % Non-Asbestos:**	100.0%
1512166-077	3rd Floor SE					
25C	Residual 9-inch Floor Tile Mastic, Black	LAYER 1	None Detected		Cellulose Fiber	5%
		100%			Binder/Filler	95%
		Total % Asbestos:	No Asbestos Detected		**Total % Non-Asbestos:**	100.0%

OPTIMUM
Analytical and Consulting, LLC
85 Stiles Road, Suite 201, Salem, NH 03079 Phone: (603)-458-5247

BULK SAMPLE ANALYSIS REPORT
POLARIZED LIGHT MICROSCOPY

PLM (EPA-600/M4-82-020, EPA-600/ R-93-116) NVLAP Lab Code: 101433-0

CLIENT:	Ransom Environmental Consultants, Inc	**ORDER #:**	1512166
ADDRESS:	400 Commercial St	**PROJECT #:**	131.06099
CITY / STATE / ZIP:	Portland ME 04101	**DATE COLLECTED:**	05/13/2015
CONTACT:	Lucas Hathaway	**COLLECTED BY:**	Lucas Hathaway
DESCRIPTION:	PLM Analysis	**DATE RECEIVED:**	05/21/2015
LOCATION:	Forster Mill - Wilton, ME	**ANALYSIS DATE:**	05/26/2015
		REPORT DATE:	06/01/2015
		ANALYST:	Jamie Noel

REPORT OF ANALYSIS

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Asbestos Type	(%)	Non-Asbestos Components	(%)
1512166-078	3rd Floor					
26A	Pebble Pattern Sheet Floor, Beige	LAYER 1 100%	Chrysotile	35%	Cellulose Fiber Binder/Filler	35% 30%
		Total % Asbestos:		35.0%	**Total % Non-Asbestos:**	65.0%
1512166-079	3rd Floor					
26B	Pebble Pattern Sheet Floor, Beige Note: Positive Stop	LAYER 1 100%				
1512166-080	3rd Floor					
26C	Pebble Pattern Sheet Floor, Beige Note: Positive Stop	LAYER 1 100%				
1512166-081	3rd Floor					
27A	Black Stripe Pattern 12-inch Floor Tile,	LAYER 1 100%	None Detected		Cellulose Fiber Binder/Filler	1% 99%
		Total % Asbestos:	No Asbestos Detected		**Total % Non-Asbestos:**	100.0%
1512166-082	3rd Floor					
27B	Black Stripe Pattern 12-inch Floor Tile,	LAYER 1 100%	None Detected		Cellulose Fiber Binder/Filler	1% 99%
		Total % Asbestos:	No Asbestos Detected		**Total % Non-Asbestos:**	100.0%
1512166-083	3rd Floor					
27C	Black Stripe Pattern 12-inch Floor Tile,	LAYER 1 100%	None Detected		Cellulose Fiber Binder/Filler	1% 99%
		Total % Asbestos:	No Asbestos Detected		**Total % Non-Asbestos:**	100.0%
1512166-084	Boiler Room					
28A	Small-Diameter Pipe Insulation, Gray	LAYER 1 100%	Chrysotile	35%	Cellulose Fiber Binder/Filler	2% 63%
		Total % Asbestos:		35.0%	**Total % Non-Asbestos:**	65.0%
1512166-085	Boiler Room					
28B	Small-Diameter Pipe Insulation, Gray Note: Positive Stop	LAYER 1 100%				
1512166-086	Boiler Room					
28C	Small-Diameter Pipe Insulation, Gray Note: Positive Stop	LAYER 1 100%				

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BULK SAMPLE ANALYSIS REPORT
POLARIZED LIGHT MICROSCOPY

PLM (EPA-600/M4-82-020, EPA-600/ R-93-116) NVLAP Lab Code: 101433-0

CLIENT: Ransom Environmental Consultants, Inc
ADDRESS: 400 Commercial St
CITY / STATE / ZIP: Portland ME 04101
CONTACT: Lucas Hathaway
DESCRIPTION: PLM Analysis
LOCATION: Forster Mill - Wilton, ME

ORDER #: 1512166
PROJECT #: 131.06099
DATE COLLECTED: 05/13/2015
COLLECTED BY: Lucas Hathaway
DATE RECEIVED: 05/21/2015
ANALYSIS DATE: 05/26/2015
REPORT DATE: 06/01/2015
ANALYST: Jamie Noel

REPORT OF ANALYSIS

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Asbestos Type	(%)	Non-Asbestos Components	(%)
1512166-087 29A	Boiler Room Ceiling Plaster, White	LAYER 1 100%	None Detected		Cellulose Fiber Binder/Filler	1% 99%
		Total % Asbestos:	No Asbestos Detected		**Total % Non-Asbestos:**	100.0%
1512166-088 29B	Boiler Room Ceiling Plaster, White	LAYER 1 100%	None Detected		Cellulose Fiber Binder/Filler	1% 99%
		Total % Asbestos:	No Asbestos Detected		**Total % Non-Asbestos:**	100.0%
1512166-089 29C	Boiler Room Ceiling Plaster, White	LAYER 1 100%	None Detected		Cellulose Fiber Binder/Filler	1% 99%
		Total % Asbestos:	No Asbestos Detected		**Total % Non-Asbestos:**	100.0%
1512166-090 29D	Boiler Room Ceiling Plaster, White	LAYER 1 100%	None Detected		Cellulose Fiber Binder/Filler	1% 99%
		Total % Asbestos:	No Asbestos Detected		**Total % Non-Asbestos:**	100.0%
1512166-091 29E	Boiler Room Ceiling Plaster, White	LAYER 1 100%	None Detected		Cellulose Fiber Binder/Filler	1% 99%
		Total % Asbestos:	No Asbestos Detected		**Total % Non-Asbestos:**	100.0%
1512166-092 30A	Boiler Room Boiler Gasket, Gray	LAYER 1 100%	Chrysotile	85%	Cellulose Fiber Binder/Filler	10% 5%
		Total % Asbestos:		85.0%	**Total % Non-Asbestos:**	15.0%
1512166-093 30B	Boiler Room Boiler Gasket, Gray Note: Positive Stop	LAYER 1 100%				
1512166-094 30C	Boiler Room Boiler Gasket, Gray Note: Positive Stop	LAYER 1 100%				

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POLARIZED LIGHT MICROSCOPY

PLM (EPA-600/M4-82-020, EPA-600/ R-93-116) NVLAP Lab Code: 101433-0

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CITY / STATE / ZIP:	Portland ME 04101	**DATE COLLECTED:**	05/13/2015
CONTACT:	Lucas Hathaway	**COLLECTED BY:**	Lucas Hathaway
DESCRIPTION:	PLM Analysis	**DATE RECEIVED:**	05/21/2015
LOCATION:	Forster Mill - Wilton, ME	**ANALYSIS DATE:**	05/26/2015
		REPORT DATE:	06/01/2015
		ANALYST:	Jamie Noel

REPORT OF ANALYSIS

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Asbestos Type	(%)	Non-Asbestos Components	(%)
1512166-095	Boiler Room					
31A	Thermal Jacketing - Wood Boiler, Gray	LAYER 1 100%	None Detected		Cellulose Fiber Fibrous Glass Mineral Wool Binder/Filler	2% 15% 5% 78%
		Total % Asbestos:	No Asbestos Detected		**Total % Non-Asbestos:**	100.0%
1512166-096	Boiler Room					
31B	Thermal Jacketing - Wood Boiler, Gray Note: Sample Not Received	LAYER 1 100%				
1512166-097	Boiler Room					
31C	Thermal Jacketing - Wood Boiler, Gray Note: Sample Not Received	LAYER 1 100%				
1512166-098	Boiler Room					
32A	Thermal Jacketing - Oil Boilers, Gray	LAYER 1 100%	Chrysotile	20%	Cellulose Fiber Fibrous Glass Binder/Filler	5% 35% 40%
		Total % Asbestos:		20.0%	**Total % Non-Asbestos:**	80.0%
1512166-099	Boiler Room					
32B	Thermal Jacketing - Oil Boilers, Gray Note: Positive Stop	LAYER 1 100%				
1512166-100	Boiler Room					
32C	Thermal Jacketing - Oil Boilers, Gray Note: Positive Stop	LAYER 1 100%				
1512166-101	Boiler Room					
33A	Large-Diameter Pipe Insulation, Gray	LAYER 1 100%	Chrysotile	45%	Cellulose Fiber Binder/Filler	15% 40%
		Total % Asbestos:		45.0%	**Total % Non-Asbestos:**	55.0%
1512166-102	Boiler Room					
33B	Large-Diameter Pipe Insulation, Gray Note: Positive Stop	LAYER 1 100%				

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ADDRESS:	400 Commercial St
CITY / STATE / ZIP:	Portland ME 04101
CONTACT:	Lucas Hathaway
DESCRIPTION:	PLM Analysis
LOCATION:	Forster Mill - Wilton, ME

ORDER #:	1512166
PROJECT #:	131.06099
DATE COLLECTED:	05/13/2015
COLLECTED BY:	Lucas Hathaway
DATE RECEIVED:	05/21/2015
ANALYSIS DATE:	05/26/2015
REPORT DATE:	06/01/2015
ANALYST:	Jamie Noel

REPORT OF ANALYSIS

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Asbestos Type	(%)	Non-Asbestos Components	(%)
1512166-103	Boiler Room					
33C	Large-Diameter Pipe Insulation, Gray Note: Positive Stop	LAYER 1 100%				

Approved Signatory: _____ **Approved Signatory:** _____

NVLAP® Lab Code: 101433-0

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BULK SAMPLE ANALYSIS REPORT
POLARIZED LIGHT MICROSCOPY

PLM (EPA-600/M4-82-020, EPA-600/ R-93-116) NVLAP Lab Code: 101433-0

CLIENT:	Ransom Environmental Consultants, Inc
ADDRESS:	400 Commercial St
CITY / STATE / ZIP:	Portland ME 04101
CONTACT:	Lucas Hathaway
DESCRIPTION:	PLM Analysis
LOCATION:	Forster Mill - Wilton, ME

ORDER #:	1512166
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REPORT DATE:	06/01/2015
ANALYST:	Jamie Noel

1512166

Client	Ransom Consulting, Inc. 400 Commercial St Portland ME 04101
Contact	Lucas Hathaway
Phone	207-772-2891
Project	Forster Mill
Location	Wilton ME
Ransom Client	MEDEP
Ransom Project #	131.06099
Sample Date	5/7/15 - 5/13/15
Analysis	Bulk PLM/Gravimetric Reduction for asbestos
TAT	Standard
Report Results to:	lucas.hathaway@ransomenv.com;
PO	7893
Notes/Requests	Please analyze NOB samples via Gravimetric Reduction, per MEDEP regulations. Positive Stop

Sample ID	Material	Location
01A	Cement cylinder and cap	Photo building
01B	Cement cylinder and cap	Photo building
01C	Cement cylinder and cap	Photo building
02A	Window glaze	Photo building
02B	Window glaze	Original/wood section
02C	Window glaze	Original/wood section
03A	Red siding paper	Original/wood section
03B	Red siding paper	Original/wood section
03C	Red siding paper	Original/wood section
04A	Window caulk	Main Mill Building - wood section
04B	Window caulk	Main Mill Building - wood section
04C	Window caulk	Main Mill Building - wood section
05A	Black siding paper	Main Mill Building - wood section
05B	Black siding paper	Main Mill Building - wood section
05C	Black siding paper	Main Mill Building - wood section
06A	Window glaze	Rear wood addition
06B	Window glaze	Rear wood addition

5/21

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BULK SAMPLE ANALYSIS REPORT
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PLM (EPA-600/M4-82-020, EPA-600/ R-93-116) NVLAP Lab Code: 101433-0

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1512166

5/21

	Rear wood addition	
06C	Window glaze	
07A	Interior window glaze	Back brick section, 1st floor
07B	Interior window glaze	Back brick section, 1st floor
07C	Interior window glaze	Back brick section, 1st floor
08A	Interior window glaze	Back brick section, 2nd floor
08B	Interior window glaze	Back brick section, 2nd floor
08C	Interior window glaze	Back brick section, 2nd floor
09A	Interior window glaze	Partial demo brick section
09B	Interior window glaze	Partial demo brick section
09C	Interior window glaze	Partial demo brick section
10A	Interior window glaze	Brick stair tower
10B	Interior window glaze	Brick stair tower
10C	Interior window glaze	Brick stair tower
11A	Drywall	Basement ceiling
11B	Drywall	Basement ceiling
11C	Drywall	Basement ceiling
12A	Cement board pieces	Overhead beams - throughout
12B	Cement board pieces	Overhead beams - throughout
12C	Cement board pieces	Overhead beams - throughout
13A	Cement paneling	Electrical room - basement
13B	Cement paneling	Electrical room - basement
13C	Cement paneling	Electrical room - basement
14A	Cement paneling	Vertical shaft interior
14B	Cement paneling	Vertical shaft interior
14C	Cement paneling	Vertical shaft interior
15A	Wall paneling	Elevator car - basement SE
15B	Wall paneling	Elevator car - basement SE
15C	Wall paneling	Elevator car - basement SE
16A	Brown sheet flooring	1st floor bath
16B	Brown sheet flooring	1st floor bath
16C	Brown sheet flooring	1st floor bath
17A	Gray 12-inch floor tile	2nd floor bath/office
17B	Gray 12-inch floor tile	2nd floor bath/office
17C	Gray 12-inch floor tile	2nd floor bath/office

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ORDER #:	1512166
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1512166

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18A	Red 12-inch floor tile	2nd floor bath/office
18B	Red 12-inch floor tile	2nd floor bath/office
18C	Red 12-inch floor tile	2nd floor bath/office
19A	Brick pattern sheet floor	2nd floor bath/office
19B	Brick pattern sheet floor	2nd floor bath/office
19C	Brick pattern sheet floor	2nd floor bath/office
20A	Drywall	2nd floor office area
20B	Drywall	3rd floor office area
20C	Drywall	3rd floor office area
21A	Joint Compound	2nd floor office area
21B	Joint Compound	3rd floor office area
21C	Joint Compound	3rd floor office area
22A	Cement panel flooring	2nd floor bath/office
22B	Cement panel flooring	2nd floor bath/office
22C	Cement panel flooring	2nd floor bath/office
23A	Skim coat plaster	2nd floor - central brick section
23B	Skim coat plaster	2nd floor - central brick section
23C	Skim coat plaster	2nd floor - central brick section
23D	Skim coat plaster	2nd floor - central brick section
23E	Skim coat plaster	2nd floor - central brick section
24A	12-inch floor tile mastic	2nd floor
24B	12-inch floor tile mastic	2nd floor
24C	12-inch floor tile mastic	2nd floor
25A	Residual 9-inch floor tile mastic	3rd floor SE
25B	Residual 9-inch floor tile mastic	3rd floor SE
25C	Residual 9-inch floor tile mastic	3rd floor SE
26A	Pebble pattern sheet floor	3rd floor
26B	Pebble pattern sheet floor	3rd floor
26C	Pebble pattern sheet floor	3rd floor
27A	Black stripe pattern 12-inch floor tile	3rd floor
27B	Black stripe pattern 12-inch floor tile	3rd floor
27C	Black stripe pattern 12-inch floor tile	3rd floor
28A	Small-diameter pipe insulation	Boiler room
28B	Small-diameter pipe insulation	Boiler room

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ANALYST:	Jamie Noel

1512166

5/21

28C	Small-diameter pipe insulation	Boiler room
29A	Ceiling plaster	Boiler room
29B	Ceiling plaster	Boiler room
29C	Ceiling plaster	Boiler room
29D	Ceiling plaster	Boiler room
29E	Ceiling plaster	Boiler room
30A	Boiler gasket	Boiler room
30B	Boiler gasket	Boiler room
30C	Boiler gasket	Boiler room
31A	Thermal jacketing - wood boiler	Boiler room
31B	Thermal jacketing - wood boiler	Boiler room
31C	Thermal jacketing - wood boiler	Boiler room
32A	Thermal jacketing - oil boilers	Boiler room
32B	Thermal jacketing - oil boilers	Boiler room
32C	Thermal jacketing - oil boilers	Boiler room
33A	Large-diameter pipe insulation	Boiler room
33B	Large-diameter pipe insulation	Boiler room
33C	Large-diameter pipe insulation	Boiler room

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ANALYST: Jamie Noel

Non-Friable Organically Bound Gravimetric Reduction Worksheet

Batch Number: 1512166 Prep Date: 5/21/2015 Prep Analyst: JLN/KL

Sample ID:	Crucible ID	Crucible Weight A	Sample Weight B	Crucible + Ashed Sample C	Ashed Sample Weight D= (C-A)	% Reduction of Sample: (D/B)*100	Filter Weight G	Ashed Sub-Sample Weight H	Filtered Sample Weight I-H	Acid Insoluble Inorganic Weight : J= I-G	% Reduction K= (J*100)/B	CVE % Asbestos in Residue	% Asbestos =(K* CVE % Asb)/100	Asbestos Type	Prep 1	Prep 2	Prep 3	Prep 4
02A	200	25.361	0.255	25.592	0.231	90.59%	0.04	0.231	0.055	0.015	6.49%	0.25%	0.02%	Chry	0	0	1	0
02B	100	27.671	0.174	27.822	0.151	86.78%	0.041	0.151	0.048	0.007	4.64%	0.00%	0.00%	NAD				
02C	P	28.962	0.502	29.389	0.427	85.06%	0.044	0.427	0.075	0.031	7.26%	52.50%	3.81%	Chry	45	58	51	56
04A	76	28.046	0.506	28.346	0.3	59.29%	0.04	0.3	0.254	0.214	71.33%	0.00%	0.00%	NAD				
04B	J	26.812	0.281	26.967	0.155	55.16%	0.043	0.155	0.153	0.11	70.97%	0.00%	0.00%	NAD				
04C	206	26.467	0.279	26.626	0.159	56.99%	0.04	0.159	0.145	0.105	66.04%	0.00%	0.00%	NAD				
06A	103	26.061	0.290	26.323	0.262	90.34%	0.04	0.262	0.061	0.021	8.02%	61.75%	4.95%	Chry	59	64	68	56
06B	213	23.497	0.412	23.861	0.364	88.35%	0.04	0.364	0.067	0.027	7.42%	PS	#VALUE!	PS				
06C	K	28.965	0.333	29.252	0.287	86.19%	0.041	0.287	0.07	0.029	10.10%	PS	#VALUE!	PS				
07A	D	26.712	0.168	26.858	0.146	86.90%	0.042	0.146	0.05	0.008	5.48%	0.00%	0.00%	NAD				
07B	66	25.660	0.312	25.939	0.279	89.42%	0.042	0.279	0.056	0.014	5.02%	0.00%	0.00%	NAD				
07C	205	24.412	0.341	24.716	0.304	89.15%	0.043	0.304	0.082	0.039	12.83%	0.00%	0.00%	NAD				
08A	48	24.232	0.280	24.471	0.239	85.36%	0.04	0.239	0.072	0.032	13.39%	0.00%	0.00%	NAD				
08B	41	24.875	0.197	25.044	0.169	85.79%	0.041	0.169	0.067	0.026	15.38%	0.00%	0.00%	NAD				
08C	51	24.237	0.114	24.335	0.098	85.96%	0.042	0.098	0.061	0.019	19.39%	0.00%	0.00%	NAD				
09A	68	25.882	0.187	26.032	0.15	80.21%	0.039	0.15	0.061	0.022	14.67%	16.00%	2.35%	Chry	15	19	16	14
09B	32	23.919	0.354	24.22	0.301	85.03%	0.041	0.301	0.087	0.046	15.28%	PS	#VALUE!	PS				
09C	218	23.247	0.202	23.41	0.163	80.69%	0.045	0.163	0.066	0.021	12.88%	PS	#VALUE!	PS				
10A	R	26.855	0.218	27.037	0.182	83.49%	0.042	0.182	0.051	0.009	4.95%	0.00%	0.00%	NAD				
10B	61	25.140	0.341	25.43	0.29	85.04%	0.041	0.29	0.043	0.002	0.69%	0.00%	0.00%	NAD				
10C	H	28.705	0.474	29.114	0.409	86.29%	0.043	0.409	0.047	0.004	0.98%	0.00%	0.00%	NAD				
17A	1	31.095	0.361	31.441	0.346	95.84%	0.041	0.346	0.052	0.011	3.18%	0.00%	0.00%	NAD				
17B	2	31.119	0.462	31.579	0.46	99.57%	0.042	0.46	0.049	0.007	1.52%	0.00%	0.00%	NAD				
17C	6	31.119	0.351	31.465	0.346	98.58%	0.04	0.346	0.045	0.005	1.45%	0.00%	0.00%	NAD				
18A	13	26.651	0.365	27.012	0.361	98.90%	0.04	0.361	0.048	0.008	2.22%	0.00%	0.00%	NAD				
18B	6	31.119	0.312	31.426	0.307	98.40%	0.041	0.307	0.049	0.008	2.61%	0.00%	0.00%	NAD				
18C	10	30.971	0.451	31.419	0.448	99.33%	0.042	0.448	0.052	0.01	2.23%	0.00%	0.00%	NAD				
19A	21	25.32	0.385	25.701	0.381	98.96%	0.04	0.381	0.043	0.003	0.79%	0.00%	0.00%	NAD				
19C	4	30.494	0.282	30.774	0.28	99.29%	0.039	0.28	0.043	0.004	1.43%	0.00%	0.00%	NAD				
19C	M	28.239	0.265	28.499	0.26	98.11%	0.04	0.26	0.049	0.009	3.46%	0.00%	0.00%	NAD				
24A	70	27.272	0.313	27.522	0.25	79.87%	0.042	0.25	0.051	0.009	3.60%	0.00%	0.00%	NAD				
24B	50	23.095	0.211	23.263	0.168	79.62%	0.041	0.168	0.05	0.009	5.36%	0.00%	0.00%	NAD				
24C	80	27.600	0.295	27.837	0.237	80.34%	0.04	0.237	0.068	0.028	11.81%	0.00%	0.00%	NAD				
25A	O	30.036	0.078	30.038	0.002	2.56%	0.043	0.002	0.049	0.006	300.00%	0.00%	0.00%	NAD				
25B	30	24.744	0.156	24.76	0.016	10.26%	0.041	0.016	0.057	0.016	100.00%	0.00%	0.00%	NAD				
25C	55	23.755	0.115	23.767	0.012	10.43%	0.043	0.012	0.051	0.008	66.67%	0.00%	0.00%	NAD				
27A	101	26.935	0.127	27.038	0.103	81.10%	0.039	0.103	0.04	0.001	0.97%	0.00%	0.00%	NAD				
27B	44	22.862	0.134	22.967	0.105	78.36%	0.041	0.105	0.04	-0.001	-0.95%	0.00%	0.00%	NAD				
27C	217	28.359	0.389	28.668	0.309	79.43%	0.039	0.309	0.045	0.006	1.94%	0.00%	0.00%	NAD				

Please Reply To:

AMERI SCI

AmeriSci Los Angeles
24416 S. Main Street, Ste 308
Carson, California 90745
TEL: (310) 834-4868 • FAX: (310) 834-4772

FACSIMILE TELECOPY TRANSMISSION

To:	Jamie Noel	**From:**	
	Optimum Analytical & Consulting	**AmeriSci Job #:**	415051231
Fax #:		**Subject:**	Lead (paint) 5 day Results
		Client Project:	1512165; MEDEP - Forster Mill HM1 - Wilton
Email:	jamie.noel@optimumanalytical.com,kristina.scaviola @optimumanalytical.com		

Date: Tuesday, May 26, 2015
Time: 20:41:34
Comments:

Number of Pages: 4 (including cover sheet)

AmeriSci Los Angeles
24416 S. Main Street, Ste 308
Carson, California 90745
TEL: (310) 834-4868 • FAX: (310) 834-4772

AmeriSci Job #: 415051231

Date Received: 05/22/15
Date Analyzed: 05/26/15

Lead Analysis Results

Paint
EPA Method 3050B/7000B

Optimum Analytical & Consulting
Salem, NH
Job Site: 1512165; MEDEP - Forster Mill HM1 - Wilton

AmeriSci # 415051231	Client Number	Sample Location	% Lead (w/w)	Lead Content (mg/kg = ppm)
01	PB-01	Paint	13	130,000
02	PB-02	Paint	19	190,000
03	PB-03	Paint	21	210,000
04	PB-04	Paint	4.0	40,000
05	PB-05	Paint	0.011	110
06	PB-06	Paint	1.9	19,000
07	PB-07	Paint	3.7	37,000
08	PB-08	Paint	0.038	380
09	PB-09	Paint	0.23	2,300
10	PB-10	Paint	0.47	4,700
11	PB-11	Paint	<0.01	<100
12	PB-12	Paint	16	160,000
13	PB-13	Paint	0.021	210
14	PB-14	Paint	<0.01	<100
15	PB-15	Paint	0.40	4,000
16	PB-16	Paint	<0.01	<100
17	PB-17	Paint	0.027	270
18	PB-18	Paint	0.059	590

AmeriSci Reporting Limit is 0.01%, or 100mg/kg prior to any dilutions due to high analyte concentrations or matrix interferences. AmeriSci does not correct sample results by the blank value. All analytical batch data met quality control criteria unless otherwise noted. CA ELAP No. 2322. AIHA Lab No. 100530.

Reviewed by: _____

Analyzed by: _____
Dennis S. Liu

ELAP No: CA 2322

CHAIN OF CUSTODY RECORD

AMERISCI
www.amerisci.com

AMERISCI LOS ANGELES
24416 South Main Street, Suite 308
Carson, CA 90745
310.834.4868 Phone~310.834.4772 Fax

AMERISCI JOB NO: 41505123I

PAGE 1 OF 2

DUE DATE:
☐ 1 DAY ☐ 2 DAY ☐ 3 DAY ☒ 5 DAY ☐ 7 DAY ☐ 10 DAY

TEMP UPON RECEIPT:

DATA PACKAGE:

P.O.#

COMPANY: Optimum Analytical and Consulting, LLC

ADDRESS: 85 Stiles Road Suite 201, Salem NH 03079

PHONE: 603-458-5247 | FAX 1: | FAX 2:

CLIENT CONTACT: Jamie Noel, Kristina Scaviola | EMAIL: Jamie.Noel@optimumanalytical.com, Kristina.Scaviola@optimumanalytical.com

PROJECT NAME: MEDEP - Forster Mill HMI - Wilton | PROJECT NUMBER: 1512165 | PROJECT STATE: ME

MATRIX: A-WATER S-SOIL/SOLIDS SL-SLUDGE OIL-OIL CH-CHIPS WI-WIPES C-CASSETTES W-WASTE O-OTHER

CONTAINER: P-PLASTIC G-GLASS V-VOA

LAB ID	CLIENT SAMPLE IDENTIFICATION	MATRIX	CONTAINER SIZE	CONTAINER TYPE	CONTAINER #	SAMPLING INFORMATION DATE	SAMPLING INFORMATION TIME	SAMPLING INFORMATION TECH	GRAB (G) OR COMPOSITE (C)	PRESERVATIVES	SAMPLE PH AT LOGIN	LEAD PAINT ANALYSIS						Notes:
Pb-01	PAINT	CH		P								X						
Pb-02	PAINT	CH		P								X						
Pb-03	PAINT	CH		P								X						
Pb-04	PAINT	CH		P								X						
Pb-05	PAINT	CH		P								X						
Pb-06	PAINT	CH		P								X						
Pb-07	PAINT	CH		P								X						
Pb-08	PAINT	CH		P								X						
Pb-09	PAINT	CH		P								X						
Pb-10	PAINT	CH		P								X						
Pb-11	PAINT	CH		P								X						
Pb-12	PAINT	CH		P								X						

SAMPLED BY: (PRINT)	DATE:	RECEIVED BY: (PRINT)	DATE:
(SIGN)	TIME:	(SIGN)	TIME:
RELINQUISHED BY: (PRINT) KACIE LANG	DATE: 5/21	RECEIVED BY: (PRINT)	DATE:
(SIGN)	TIME: 12:26	(SIGN)	TIME:
RELINQUISHED BY: (PRINT)	DATE:	RECEIVED FOR LABORATORY BY:	DATE: 5/22/15
(SIGN)	TIME:	(SIGN)	TIME: 0945

CHAIN OF CUSTODY RECORD

AMERISCI

AMERISCI LOS ANGELES
24416 South Main Street, Suite 308
Carson, CA 90745
www.amerisci.com 310.834.4868 Phone~310.834.4772 Fax

AMERISCI JOB NO: 4150512316 | PAGE 2 OF 2

DUE DATE: ☐ 1 DAY ☐ 2 DAY ☐ 3 DAY ☒ 5 DAY ☐ 7 DAY ☐ 10 DAY | TEMP UPON RECEIPT:

DATA PACKAGE: | P.O.#

COMPANY: Optimum Analytical and Consulting, LLC

ADDRESS: 85 Stiles Road Suite 201, Salem NH 03079

PHONE: 603-458-5247 | FAX 1: | FAX 2:

CLIENT CONTACT: Jamie Noel, Kristina Scaviola | EMAIL: Jamie.Noel@optimumanalytical.com Kristina.Scaviola@optimumanalytical.com

PROJECT NAME: MEDEP - Forster Hill HMI - Wilton | PROJECT NUMBER: 151216S | PROJECT STATE: ME

MATRIX: A-WATER S-SOIL/SOLIDS SL-SLUDGE OIL-OIL CH-CHIPS WI-WIPES C-CASSETTES W-WASTE O-OTHER

CONTAINER: P-PLASTIC G-GLASS V-VOA

LAB ID	CLIENT SAMPLE IDENTIFICATION	MATRIX	CONTAINER SIZE	CONTAINER TYPE	CONTAINER #	SAMPLING INFORMATION DATE	SAMPLING INFORMATION TIME	SAMPLING INFORMATION TECH	GRAB (G) OR COMPOSITE (C)	PRESERVATIVES	SAMPLE pH AT LOGIN	LEAD PAINT ANALYSIS						Notes:
Pb-13	PAINT	CH		P								X						
Pb-14	PAINT	CH		P								X						
Pb-15	PAINT	CH		P								X						
Pb-16	PAINT	CH		P								X						
Pb-17	PAINT	CH		P								X						
Pb-18	PAINT	CH		P								X						

SAMPLED BY: (PRINT)	DATE:	RECEIVED BY: (PRINT)	DATE:
(SIGN)	TIME:	(SIGN)	TIME:
RELINQUISHED BY: (PRINT) KACIE LANG	DATE: 5/21	RECEIVED BY: (PRINT)	DATE:
(SIGN)	TIME: 12:26	(SIGN)	TIME:
RELINQUISHED BY: (PRINT)	DATE:	RECEIVED FOR LABORATORY BY:	DATE: 5/22/15
(SIGN)	TIME:	(SIGN)	TIME: 0945

ATTACHMENT C

Certifications

Hazardous Building Materials Survey
Forster Manufacturing
81 Depot Street
Wilton, Maine

This is to certify that

Lucas Hathaway

has completed the requisite training, and has passed an examination for reaccreditation as:

Asbestos Inspector Refresher

pursuant to Title II of the Toxic Substance Control Act, 15 U.S.C. 2646

Course Location
Institute for Environmental Education, Inc.
16 Upton Drive Wilmington, MA 01887

June 9, 2014
Course Dates

14-8962-106-234345
Certificate Number

June 09, 2014
Examination Date

June 09, 2015
Expiration Date

Training Director

16 Upton Drive, Wilmington, MA 01887 Telephone 978.658.5272 www.ieetrains.com

INSTITUTE FOR ENVIRONMENTAL EDUCATION

State of Maine

Asbestos Abatement Program

Lucas DB Hathaway

Inspector

Cert No. AI-0558
Trn.Exp.Date 06/09/2015

Expiration Date **06/30/2015**

This is not a legal form of official identification

State of Maine
Department of Environmental Protection

LICENSE

Ransom Consulting, Inc.

Asbestos Consultant
(Inspection only)

License Number: SI-0093

Expiration Date: 10/31/2015

State of Maine
Department of Environmental Protection

LICENSE

Optimum Analytical and Consulting, LLC

Asbestos Analytical Laboratory
(Bulk)

License Number: LB-0067

Expiration Date: 03/31/2016

State of Maine
Department of Environmental Protection

LICENSE

Optimum Analytical and Consulting, LLC

Asbestos Analytical Laboratory
(Air)

License Number: LA-0065

Expiration Date: 03/31/2016

United States Department of Commerce
National Institute of Standards and Technology

Certificate of Accreditation to ISO/IEC 17025:2005

NVLAP LAB CODE: 101433-0

Optimum Analytical & Consulting LLC

Salem, NH

is accredited by the National Voluntary Laboratory Accreditation Program for specific services, listed on the Scope of Accreditation, for:

BULK ASBESTOS FIBER ANALYSIS

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer to joint ISO-ILAC-IAF Communique dated January 2009).

2015-04-01 through 2016-03-31

Effective dates

For the National Institute of Standards and Technology