SUMMIT

ENVIRONMENTAL CONSULTING • GEOTECHNICAL ENGINEERING • CONSTRUCTION MATERIALS TESTING

ASBESTOS
DEMOLITION IMPACT SURVEY
FORMER CHINETTE MILL
WATER STREET
SHAWMUT, MAINE

Prepared for:

Costello Dismantling, Inc.
2 Rocky Gutter Street
Middleboro, Massachusetts 02346

Prepared by:

Summit Environmental Consultants, Inc.
8 Harlow Street, Suite 4A
Bangor, Maine 04401

January 29, 2007
Project 16075

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ASBESTOS
DEMOLITION IMPACT SURVEY
FORMER CHINETTE MILL
WATER STREET
SHAWMUTSHAWMUT, MAINE

1.0 INTRODUCTION

Summit Environmental Consultants, Inc. (Summit) was retained by Costello Dismantling, Inc. (Costello) to conduct an asbestos demolition impact survey for the former Chinette Mill in Shawmut, Maine. Surveyed buildings of the former mill include the Main Building and the Crumb Building (the "Tower"). In addition, the exterior insulation of a wood pulp storage tank adjacent to the Tower was also sampled. The objective of the field survey was to locate and identify asbestos-containing materials (ACM) in the interior and on the exterior of the mill prior to building demolition.

Mr. Dennis Kingman and Mr. Jim Bouquet (Summit), asbestos inspectors licensed in the State of Maine, performed the field survey on January 16, 2007. Summit was met at the site by Ron Taylor, Chief Engineer of the State of Maine Department of Inland Fisheries and Wildlife (MDIF&W) to walk the facility. MDIF&W is the site/building owner and has contracted with Costello for the demolition. Mr. Taylor indicated that currently only the "Tower" is scheduled for demolition (Note that Summit's agreement with Costello was to survey both the Main Building and the Tower; therefore, this survey report presents the Tower ACM separate from the Main Building).

During the survey the inspectors visually identified interior and exterior suspect ACM and collected bulk samples of suspect materials in accordance with applicable state and federal regulations.

Bulk samples of suspect ACM collected during the survey by Summit were submitted to AmeriSci Boston of Weymouth, Massachusetts for analysis. The method used to analyze the bulk samples collected during this survey was the recommended U.S. Environmental Protection Agency (EPA) procedure of Polarized Light Microscopy (PLM) with dispersion staining. Samples were analyzed at the AmeriSci laboratory, which is certified to perform asbestos analysis by both the National Voluntary Laboratory Accreditation Program (NVLAP) and the American Industrial Hygiene (AIHA). Laboratory analytical results and completed chain of custody forms are included as Appendix A.

As with any scientific study, an asbestos identification survey is subject to a variety of limitations. Limitations to be considered in interpreting the results of the survey performed on these buildings include the following:

- An asbestos identification survey may not be able to identify all ACM present throughout a facility.

- Budgetary cost estimates presented in this report provide a budget for removal of ACM identified during the survey. These estimates do not include material replacement costs or regulatory agency notification fees. Regulatory agency notification fees associated with this project will range from $100.00 to $200.00 depending phasing and project

schedule. Actual abatement costs may vary depending upon the abatement methods utilized.

2.0 MAIN BUILDING

2.1 OBSERVATIONS AND FINDINGS

2.1.1 ASBESTOS-CONTAINING MATERIALS

The Main Building is one and one half-story steel framed structure with multiple flat roofs and partial basement. The building was the former ground wood mill. During the walk-through survey of the building, the Summit inspector identified interior and exterior suspect ACM and determined quantities of suspect ACM in the building.

Suspect ACM sampled included:

- Nine-inch by nine-inch floor tile and associated floor tile adhesive,
- Pipe insulation (two sizes),
- Mud insulated pipe fittings on fiberglass insulated pipes,
- Floor debris,
- Cementitous wallboard,
- Asphalt roofing and roof flashing
- Flat and corrugated cementitous roof decking,
- Boiler insulation and refractory brick, and,
- Insulated heated oil feed lines.

Labeled asbestos "Transite" pipe in the basement was not sampled. The roof on the second floor section could not be accessed during the survey. This roof is assumed to be of built-up construction and ACM. Cost estimates assume the built-up roof will be removed with the ACM transite roof decking below.

Forty (40) bulk samples of suspect ACM building materials were collected during the field survey for laboratory analysis. Quantity estimates of identified ACM were based upon information from field observations. An inventory of identified ACM and their locations is included in Table 1. Approximately locations of ACM are indicated on Figures 1 and 2.

TABLE 1

ASBESTOS-CONTAINING BUILDING MATERIALS
MAIN BUILDING

Location	ACM Type	Estimated Quantity of ACM	Comments
MAIN FLOOR			
Restroom	nine-inch by nine-inch Tan Floor Tile	400 Square Feet (SF)	Sample CM-001A
Main Area and Above Office Ceiling	Pipe Insulation 4 inch Outside Diameter (OD)	395 Linear Feet (LF)	Sample CM-003A
Main Area	Pipe Insulation 8 inch OD	75 LF	Sample CM-004A
Main Area	Mudded Fittings	10 Each	On Fiberglass Insulated Piping Sample CM-005A
Grinder Room and in Space Above Office Ceiling	Transite Wall Board	680 SF	Sample CM-007A
Main Area	Fire Doors	4 Each	Assumed ACM
SECOND FLOOR			
Roof Access Room	Pipe Insulation	130 LF	CM-010A
Roof Deck System	Two Layers of ½ inch Thick Transite Sheeting Sandwiching a Layer of Corrugated Transite Roof Decking	4400 SF	CM-011A & 012A Total Quantity: 3 Layers x 4400 SF = 13,200 SF
Roof Access Room & Mechanical Room	Transite Wall Board	360 SF	Common Wall Between Rooms
Second Floor	Fire Doors	2 Each	Assumed ACM
ROOF			
Parapet & Along Second Floor Exterior Wall	Roof Flashing	600 SF	CM-009A Also Applied on Roof Penetrations
Second Floor Area Roof	Built Up Roof	4400 SF	Unable to Access: Assume ACM and Remove with Transite Roof Deck

TABLE 1 (Cont.)

ASBESTOS-CONTAINING BUILDING MATERIALS
MAIN BUILDING

Location	Asbestos-containing Material (ACM) Type	Estimated Quantity of ACM	Comments
BASEMENT			
Boiler Room	Boiler Insulation	340 SF	CM-013A
Boiler Room	Pipe Insulation	50 LF	CM-016A Insulated Boiler Fuel Feed Pipes
Boiler Room	Mud Insulated Pipe Fittings on Fiberglass Lines	10 Each	CM-015A On Fiberglass Insulated Pipes
Main Basement Area	Transite Pipe 12"OD	105 LF	Labeled As "Transite"

2.1.2 BUDGETARY COST ESTIMATES

The following budgetary cost estimates have been prepared to provide a budget for removal of ACM identified during the survey. Cost estimates assume the structure will be demolished.

TABLE 2

ESTIMATED ACM ABATEMENT COSTS
MAIN BUILDING

ACM	ESTIMATED QUANTITY	UNIT COST	ESTIMATED COST
MAIN FLOOR			
ACM Floor Tile	400 SF	$3/SF	$1,200.
Pipe Insulation	470 LF	$20/LF	9,400.
Mudded Fittings	10 EA	$50/EA	$500.
Transite Wall Board	776 SF	$2/LF	$1,552.
Pipe Insulation Debris	50 SF	$20/SF	$1,000.
Fire Doors	4 EA	$100/EA	$400.
SECOND FLOOR & ROOF			
Pipe Insulation	130 LF	$20/LF	$2,600.
Roof Deck System & Overlying Built-up Roof	4400 SF	$12/SF	$52,800.
Transite Wall Board	360 SF	$5/SF	$1,800.
Fire Doors	2 EA	$100/EA	$200.
Roof Flashing	600 SF	$3/SF	1,800.
BASEMENT			
Boiler Insulation	340 SF	$20/SF	$6,800.
Pipe Insulation	50 LF	$10/LF	$500.
Mudded Pipe Fittings on Fiberglass Insulated Lines	10 EA	$50/EA	$500.
Transite Pipe	105 LF	$10/LF	$1,050.
TOTAL			$82,102.

Summit estimates an asbestos abatement project duration of 20, eight-hour working days, using an 8-person crew.

3.0 TOWER (CRUMB BUILDING)

3.1 OBSERVATIONS AND FINDINGS

3.1.1 ASBESTOS-CONTAINING MATERIALS

The Tower is a two story steel structure with a with a flat, built up roof (assumed). The Tower is currently unoccupied, although still contains machinery. An insulated wood pulp storage tank is located on the exterior, west side of the Tower. During the walk-through survey of the building, the Summit inspector identified interior and exterior suspect ACM and determined quantities of suspect ACM in the building.

Suspect ACM sampled included:

- Interior wall panels,
- Pipe Insulation
- Exterior siding (corrugated),
- Transite board
- Roof Decking, and,
- Pulp tank insulation

The roof could not be accessed during the survey. This roof is assumed to be of built-up construction and ACM. Cost estimates assume the built-up roof will be removed with the ACM transite roof decking below.

Nine (9) bulk samples of suspect ACM building materials were collected during the field survey for laboratory analysis. Pipe insulation and transite board were considered homogenous with similar materials sampled in the Main Building. Quantity estimates of identified ACM were based upon information from field observations.

An inventory of identified ACM and their locations is included in Table 3. The approximately location of identified ACM is presented in Figures 1 and 2.

TABLE 3

ASBESTOS-CONTAINING BUILDING MATERIALS
TOWER

Location	ACM Type	Estimated Quantity of ACM	Comments
INTERIOR			
First Floor	Interior Transite Wall Panels	3760 SF	CM-017A Double Layer Transite with Non ACM Insulation Between Layers
First Floor	Transite Board	150 SF	Closet in Tower Access Room
First Floor	Pipe Insulation	210 LF	
First Floor	Corrugated Transite Wall	260 SF	In Tower Access Room at Common Wall
Second Floor	Interior Transite Wall Panels	5350 SF	CM-017A Double Layer Transite with Non ACM Insulation Between Layers
Second Floor	Double Layer Roof Deck – Corrugated Transite and Sheet Transite Board	2970 SF	Total Quantity: 2 Layers x 2970 SF = 5940 SF
EXTERIOR			
Roof	Built-Up Roofing	2970 SF	Unable to Access: Assume ACM and Remove with Transite Roof Deck
Tower Siding	Corrugated Transite	9450 SF	CM-018A
Wood Pulp Storage Tank	Exterior Asphalt Coating	1050 SF	CM-019A

3.1.2 BUDGETARY COST ESTIMATES

The following budgetary cost estimates have been prepared to provide a budget for removal of ACM identified during the survey. Cost estimates assume the structure will be demolished.

TABLE 4

ESTIMATED ACM ABATEMENT COSTS
TOWER

ACM	ESTIMATED QUANTITY	UNIT COST	ESTIMATED COST
INTERIOR			
Transite Wall Panels	9,110 SF	$5/SF	$45,550.
Transite Board	150 SF	$2/SF	$300.
Pipe Insulation	210 LF	$20/LF	$4,200.
Roof Deck System & Overlying Built-up Roof	2,970 SF	$7/SF	$20,790.
EXTERIOR			
Tower Siding	9,450 SF	$7.00/SF	$66,150.
Pulp Tank Insulation	1,050 SF	$5.00	$5,250.
TOTAL			$142,240.

Summit has estimated an asbestos abatement project duration of 28, eight-hour working days, using a 10 person crew.

4.0 REPORT CERTIFICATION

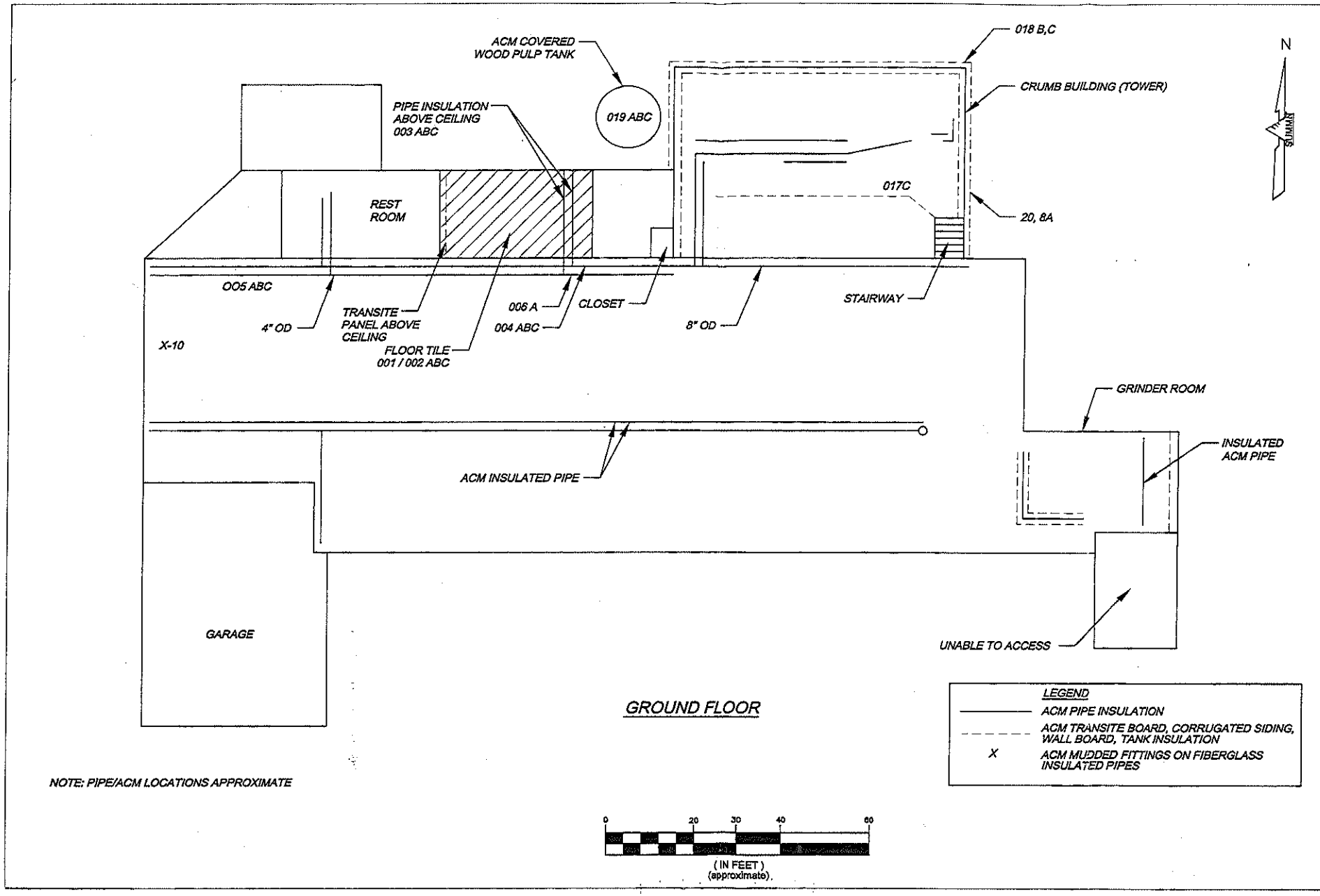
The asbestos identification survey was conducted in accordance with the MEDEP Chapter 425 Asbestos Management Regulations promulgated May 29, 2004. This report was prepared and reviewed by Summit Environmental Consultants, Inc. for the sole use of Costello Dismantling, Inc. and its constituents and should not be reproduced without full, written authorization from Costello.

Inspector:

James W. Bouquet, P.E.

AI-0393
Maine DEP License No.

FIGURES



NOTE: PIPE/ACM LOCATIONS APPROXIMATE

PROJECT: FORMER CHINETTE MILL, WATERVILLE, MAINE

CLIENT: COSTELLO DISMANTLING INC. MIDDLEBORO, MASSACHUSETTS

TITLE: CHINETTE ASBESTOS SURVEY

SCALE: NTS

DRAWN BY: JSH

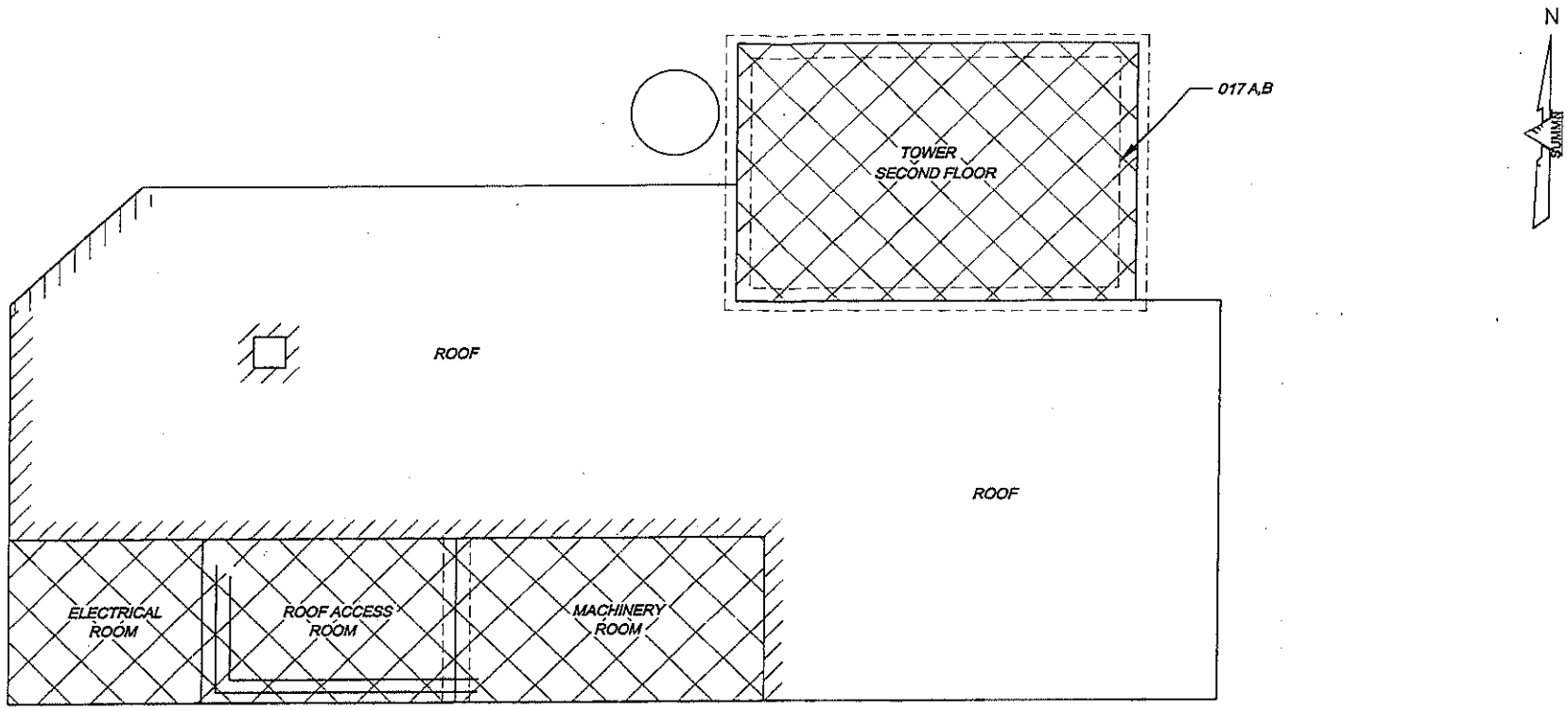
DATE: 01/29/07

APPR. BY: JMB

640 Main Street
Lewiston, Maine 04240
Tel: (207) 795-8009
Fax: (207) 795-6128
SUMMIT GEOENGINEERING SERVICES

PROJECT #: 16075

FIGURE: 1



SECOND FLOOR

LEGEND

- ACM PIPE INSULATION
- TRANSITE BOARD, CORRUGATED SIDING, WALL BOARD, TANK INSULATION
- ACM TRANSITE ROOF DECK SYSTEM
- ACM ROOF FLASHING

NOTE: PIPE/ACM LOCATIONS APPROXIMATE

0 20 30 40 60

(IN FEET)
(approximate)

PROJECT: FORMER CHINETTE MILL
WATERVILLE, MAINE

CLIENT: COSTELLO DISMANTLING INC.
MIDDLEBORO, MASSACHUSETTS

TITLE: CHINETTE
ASBESTOS SURVEY

SCALE: NTS

DRAWN BY: JSIH

DATE: 01/29/07

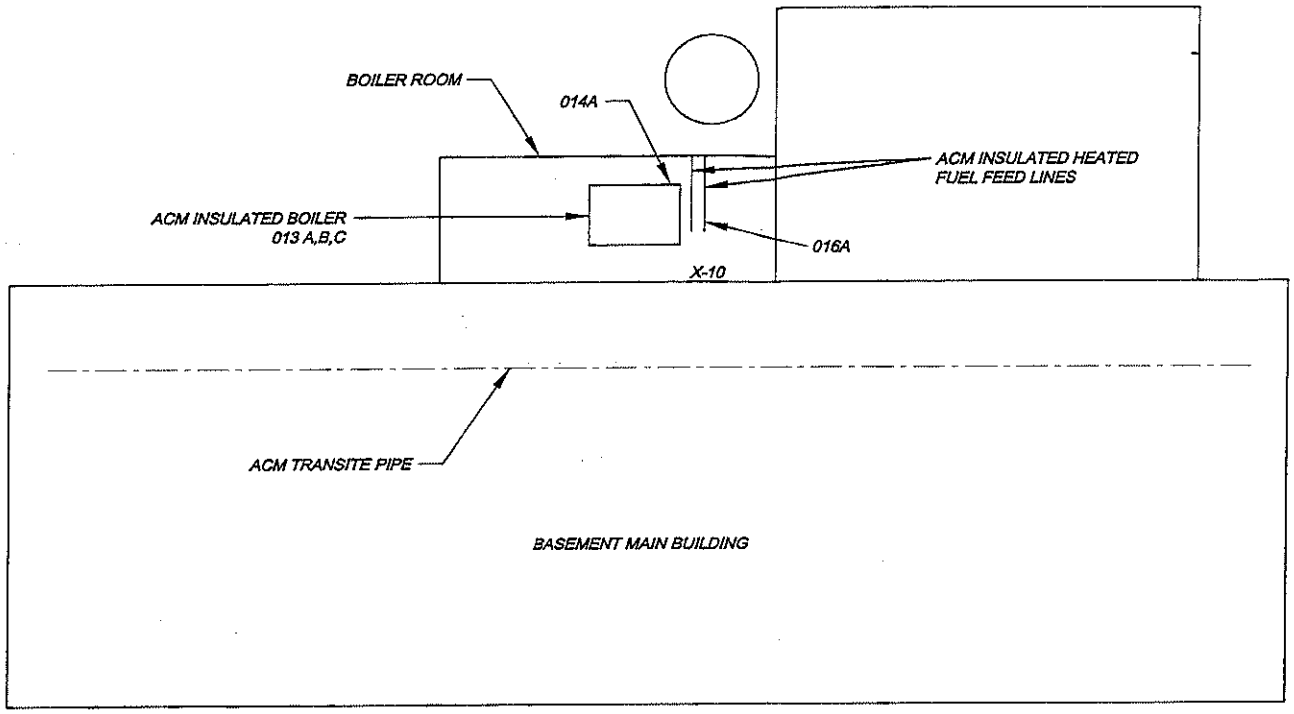
APPR. BY: JWB

840 Main Street
Lewiston, Maine 04240
Tel: (207) 795-6009
Fax: (207) 795-6128
GEOENGINEERING SERVICES

PROJECT #: 16075

FIGURE:

2



BASEMENT

LEGEND

X — ACM MUDDED FITTINGS ON FIBERGLASS INSULATED PIPES

NOTE: PIPE/ACM LOCATIONS APPROXIMATE

0 20 30 40 60

(IN FEET)
(approximate)

N

PROJECT: FORMER CHINETTE MILL WATERVILLE, MAINE

CLIENT: COSTELLO DISMANTLING INC. MIDDLEBORO, MASSACHUSETTS

TITLE: CHINETTE ASBESTOS SURVEY

SCALE: NTS

DRAWN BY: JSH

DATE: 01/29/07

APPR. BY: JWB

640 Main Street
Lewiston, Maine 04240
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GEOENGINEERING SERVICES

PROJECT #: 16075

FIGURE: 3

APPENDIX A

POLARIZED LIGHT MICROSCOPY (PLM) ANALYTICAL DATA

AmeriSci Boston
8 SCHOOL ST.
WEYMOUTH, MA 02189
TEL. (781) 337-9993 • FAX: (781) 337-8139

PLM Bulk Asbestos Report

Summit Environmental Consultants
Attn: Dennis Kingman
8-10 Harlow Street
Suite 4A
Bangor, ME 04401

Date Received 01/17/07
Date Examined 01/23/07

AmeriSci Job No. 507011229
P.O. # 16075
Page 1 of 9

RE 16075; Chinette Mill- Shawmut

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
CM-001A 1	507011229-01 Location: Rest Room- Main Bldg	*Yes*	5 % (by CVES) by John A. Burns on 01/23/07
Description: Tan, Homogeneous, Non-Fibrous, 9"x9" Floor Tile Asbestos Types: Chrysotile 5.0 % Other Material: Non-fibrous 95 %			
CM-001B 1	507011229-02 Location: Rest Room- Main Bldg.		NA/PS
Description: 9"x9" Floor Tile Asbestos Types: Other Material:			
CM-001C 1	507011229-03 Location: Rest Room- Main Bldg.		NA/PS
Description: 9"x9" Floor Tile Asbestos Types: Other Material:			
CM-002A 2	507011229-04 Location: Rest Room- Main Bldg	*No*	NAD (by CVES) by John A. Burns on 01/23/07
Description: Black, Homogeneous, Non-Fibrous, Mastic Asbestos Types: Other Material: Non-fibrous 100 %			
CM-002B 2	507011229-05 Location: Rest Room- Main Bldg.	*No*	NAD (by CVES) by John A. Burns on 01/23/07
Description: Black, Homogeneous, Non-Fibrous, Mastic Asbestos Types: Other Material: Non-fibrous 100 %			

See Reporting notes on last page

AmeriSci Job #: 507011229

Client Name: Summit Environmental Consultants

PLM Bulk Asbestos Report

16075; Chinette Mill- Shawmut

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
CM-002C 2	507011229-06 **Location:** Rest Room- Main Bldg.	*No*	NAD (by CVES) by John A. Burns on 01/23/07
Description: Black, Homogeneous, Non-Fibrous, Mastic **Asbestos Types:** **Other Material:** Non-fibrous 100 %			
CM-003A 3	507011229-07 **Location:** Main Bldg.	*Yes*	30 % (by CVES) by John A. Burns on 01/23/07
Description: White, Homogeneous, Fibrous, Pipe Insulation **Asbestos Types:** Chrysotile 15.0 %, Amosite 15.0 % **Other Material:** Non-fibrous 70 %			
CM-003B 3	507011229-08 **Location:** Main Bldg.		NA/PS
Description: Pipe Insulation **Asbestos Types:** **Other Material:**			
CM-003C 3	507011229-09 **Location:** Main Bldg.		NA/PS
Description: Pipe Insulation **Asbestos Types:** **Other Material:**			
CM-004A 4	507011229-10 **Location:** Main Bldg.	*Yes*	30 % (by CVES) by John A. Burns on 01/23/07
Description: Grey, Homogeneous, Fibrous, Pipe Insulation **Asbestos Types:** Amosite 30.0 % **Other Material:** Non-fibrous 70 %			
CM-004B 4	507011229-11 **Location:** Main Bldg.		NA/PS
Description: Pipe Insulation **Asbestos Types:** **Other Material:**			

See Reporting notes on last page

AmeriSci Job #: 507-011229

Client Name: Summit Environmental Consultants

PLM Bulk Asbestos Report

16075; Chinette Mill- Shawmut

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
CM-004C 4	507011229-12 Location: Main Bldg.		NA/PS
Description: Pipe Insulation **Asbestos Types:** **Other Material:**			
CM-005A 5	507011229-13 Location: Main Bldg.	*Yes*	15 % (by CVES) by John A. Burns on 01/23/07
Description: Gray, Homogeneous, Fibrous, Mud Insulated Fitting **Asbestos Types:** Chrysotile 15.0 % **Other Material:** Cellulose Trace, Fibrous glass 15 %, Non-fibrous 70 %			
CM-005B 5	507011229-14 Location: Main Bldg.		NA/PS
Description: Mud Insulated Fitting **Asbestos Types:** **Other Material:**			
CM-005C 5	507011229-15 Location: Main Bldg.		NA/PS
Description: Mud Insulated Fitting **Asbestos Types:** **Other Material:**			
CM-006A 6	507011229-16 Location: By RR- Main Bldg.	*No*	NAD (by CVES) by John A. Burns on 01/23/07
Description: Gray, Homogeneous, Fibrous, Debris **Asbestos Types:** **Other Material:** Cellulose Trace, Fibrous glass 15 %, Non-fibrous 85 %			
CM-007A 7	507011229-17 Location: Guyser Room	*Yes*	25 % (by CVES) by John A. Burns on 01/23/07
Description: Gray, Homogeneous, Fibrous, Cementitous Wallboard **Asbestos Types:** Chrysotile 5.0 % **Other Material:** Non-fibrous 75 %			

See Reporting notes on last page

AmeriSci Job # 50 011229

Client Name: Summit Environmental Consultants

PLM Bulk Asbestos Report

16075; Chinette Mill- Shawmut

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
CM-00[illegible] 7	507011229-18 Location: Gunser Room		NA/PS
Description: Cementitous Wallboard Asbestos Types: Other Material:			
CM-007C	507011229-19 Location: Gunser Room		NA/PS
Description: Cementitous Wallboard Asbestos Types: Other Material:			
CM-008A 8	507011229-20 Location: Gunser Room	*No*	NAD (by CVES) by John A. Burns on 01/23/07
Description: Black, Heterogeneous, Fibrous, Asphalt Roofing Asbestos Types: Other Material: Fibrous glass 20 %, Non-fibrous 80 %			
CM-008B 8	507011229-21 Location: Gunser Room	*No*	NAD (by CVES) by John A. Burns on 01/23/07
Description: Black, Heterogeneous, Non-Fibrous, Asphalt Roofing Asbestos Types: Other Material: Fibrous glass 20 %, Non-fibrous 80 %			
CM-008C 8	507011229-22 Location: Gunser Room	*No*	NAD (by CVES) by John A. Burns on 01/23/07
Description: Black, Heterogeneous, Fibrous, Asphalt Roofing Asbestos Types: Other Material: Fibrous glass 20 %, Non-fibrous 80 %			
CM-009A 9	507011229-23 Location: Gunser Room	*No*	NAD (by CVES) by John A. Burns on 01/23/07
Description: Black, Homogeneous, Fibrous, Roof Flashing Asbestos Types: Other Material: Cellulose 15 %, Non-fibrous 85 %			

See Reporting notes on last page

AmeriSci Job #: 507011229

Client Name: Summit Environmental Consultants

PLM Bulk Asbestos Report

16075; Chinette Mill- Shawmut

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
CM-009B 9	507011229-24 Location: Gunner Room	*Yes*	5 % (by CVES) by John A. Burns on 01/23/07

Description: Silver/Black, Homogeneous, Fibrous, Roof Flashing
Asbestos Types: Chrysotile 5.0 %
Other Material: Cellulose 10 %, Non-fibrous 85 %

CM-009C 9	507011229-25 Location: Gunner Room		NA/PS

Description: Roof Flashing
Asbestos Types:
Other Material:

CM-010A 10	507011229-26 Location: 2nd Floor - Main Bldg.	Yes	30 % (by CVES) by John A. Burns on 01/23/07

Description: Grey, Homogeneous, Fibrous, Pipe Insulation
Asbestos Types: Chrysotile 30.0 %
Other Material: Cellulose Trace, Non-fibrous 70 %

CM-010B 10	507011229-27 Location: 2nd Floor - Main Bldg.		NA/PS

Description: Pipe Insulation
Asbestos Types:
Other Material:

CM-010C 10	507011229-28 Location: 2nd Floor - Main Bldg.		NA/PS

Description: Pipe Insulation
Asbestos Types:
Other Material:

CM-011A 11	507011229-29 Location: 2nd Floor - Main	*Yes*	25 % (by CVES) by John A. Burns on 01/23/07

Description: Grey, Homogeneous, Fibrous, Flat Cementitous Roof Deck
Asbestos Types: Chrysotile 25.0 %
Other Material: Non-fibrous 75 %

See Reporting notes on last page

AmeriSci Job # 507011229

Client Name: Summit Environmental Consultants

PLM Bulk Asbestos Report

16075: Chinette Mill- Shawmut

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
CM-012A 12	507011229-30 Location: 2nd Floor - Main Bldg.	*Yes*	25 % (by CVES) by John A. Burns on 01/23/07
Description: Grey Homogeneous, Fibrous, Cementitous Roof Deck **Asbestos Types:** Chrysotile 25.0 % **Other Material:** Non-fibrous 75 %			
CM-012B 12	507011229-31 Location: 2nd Floor - Main Bldg.		NA/PS
Description: Cementitous Roof Deck **Asbestos Types:** **Other Material:**			
CM-012C 12	507011229-32 Location: 2nd Floor - Main Bldg.		NA/PS
Description: Cementitous Roof Deck **Asbestos Types:** **Other Material:**			
CM-013A 13	507011229-33 Location: Basement- Main Bldg	*Yes*	25 % (by CVES) by John A. Burns on 01/23/07
Description: Grey Homogeneous, Fibrous, Boiler Insulation **Asbestos Types:** Chrysotile 25.0 % **Other Material:** Cellulose Trace, Fibrous glass 5 %, Non-fibrous 70 %			
CM-013B 13	507011229-34 Location: 2nd Floor - Main Bldg.		NA/PS
Description: Boiler Insulation **Asbestos Types:** **Other Material:**			
CM-013C 13	507011229-35 Location: 2nd Floor - Main Bldg.		NA/PS
Description: Boiler Insulation **Asbestos Types:** **Other Material:**			

See Reporting notes on last page

AmeriSci Job # 507011229

Client Name: Summit Environmental Consultants

PLM Bulk Asbestos Report

16075; Chinette Mill- Shawmut

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
CM-014A 14	507011229-36 Location: 2nd Floor - Main Bldg.	No	NAD (by CVES) by John A. Burns on 01/23/07
Description: Brown, Homogeneous, Non-Fibrous, Cementitious, Boiler Refractory Brick Asbestos Types: Other Material: Non-fibrous 100 %			
CM-015A 15	507011229-37 Location: Boiler Room	Yes	50 % (by CVES) by John A. Burns on 01/23/07
Description: Grey, Homogeneous, Fibrous, Pipe Fitting Insulation On FG Asbestos Types: Chrysotile 50.0 % Other Material: Cellulose Trace, Non-fibrous 50 %			
CM-015B 15	507011229-38 Location: Boiler Room		NA/PS
Description: Pipe Fitting Insulation On FG Asbestos Types: Other Material:			
CM-015C 15	507011229-39 Location: Boiler Room		NA/PS
Description: Pipe Fitting Insulation On FG Asbestos Types: Other Material:			
CM-016A 16	507011229-40 Location: Heated Oil Lines	Yes	30 % (by CVES) by John A. Burns on 01/23/07
Description: Off-White, Homogeneous, Fibrous, Pipe Insulation Asbestos Types: Chrysotile 15.0 %, Amosite 15.0 % Other Material: Non-fibrous 70 %			
CM-017A 17	507011229-41 Location: Tower -1st	Yes	25 % (by CVES) by John A. Burns on 01/23/07
Description: Grey, Homogeneous, Florous, Interior Wall Panel Asbestos Types: Chrysotile 25.0 % Other Material: Non-fibrous 75 %			

See Reporting notes on last page

AmeriSci Job # 507011229
Client Name: Summit Environmental Consultants

PLM Bulk Asbestos Report

16075, Chinette Mill- Shawmut

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
CM-017B 17	507011229-42 Location: Tower-1st		NA/PS
Description: Interior Wall Panel **Asbestos Types:** **Other Material:**			
CM-017C 17	507011229-43 Location: Tower-2nd		NA/PS
Description: Interior Wall Panel **Asbestos Types:** **Other Material:**			
CM-018A 18	507011229-44 Location: Tower	Yes	25 % (by CVES) by John A. Burns on 01/23/07
Description: Grey, Homogeneous, Fibrous, Exterior Siding Material **Asbestos Types:** Chrysotile 25.0 % **Other Material:** Non-fibrous 75 %			
CM-018B 18	507011229-45 Location: Tower		NA/PS
Description: Exterior Siding Material **Asbestos Types:** **Other Material:**			
CM-018C 18	507011229-46 Location: Tower		NA/PS
Description: Exterior Siding Material **Asbestos Types:** **Other Material:**			
CM-019A 19	507011229-47 Location: Exterior	Yes	15 % (by CVES) by John A. Burns on 01/23/07
Description: Black, Heterogeneous, Fibrous, Asphalt Tank Cooling **Asbestos Types:** Chrysotile 15.0 % **Other Material:** Fibrous glass 15 %, Non-fibrous 70 %			

See Reporting notes on last page

AmeriSci Job #: 507011229

Client Name: Summit Environmental Consultants

PLM Bulk Asbestos Report

16075; Chinette Mill- Shawmut

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
CM-019B 19	507011229-48 Location: Exterior		NA/PS

Description: Asphalt Tank Cooling
Asbestos Types:
Other Material:

CM-019C 19	507011229-49 Location: Exterior	NA/PS

Description: Asphalt Tank Cooling
Asbestos Types:
Other Material:

Reporting Notes:

Analyzed by: John A. Burns JAB; Date Analyzed: 1/23/07

NAD = no asbestos detected; CVES = Calibrated Visual Estimate; NA = not analyzed; NA/PS = not analyzed / positive stop; "Present" or NVA = "No Visible Asbestos" are observations made during a qualitative analysis: PLM Bulk Asbestos Analysis by EPA 600/M4-82-020 per 40 CFR 763 (NVLAP Lab #102079-0) or NY ELAP PLM Analysis Protocol 198.1 for New York friable samples (198.6 for NOB samples) (NY ELAP Lab # 10982); Note: PLM is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. NAD or Trace results by PLM are inconclusive, TEM is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos-containing in New York State (also see EPA Advisory for floor tile, FR 59, 146, 38970, 8/1/94). NIST Accreditation requirements mandate that this report must not be reproduced except in full without the approval of the laboratory. This PLM report relates ONLY to the items tested.

Reviewed By: _____

507011229

Summit Environmental Consultants, Inc.
IH Sample Chain Of Custody

PAGE 1 of 4

Summit Environmental
8 Harlow Street, Suite 4A
Bangor, Maine 04401
Tel # 207-262-9040
Fax# 207-262-9080

Project Number: 16075
Client: Costello Brooklston
Location: Chinette Mill - Skowhegan
Project Manager: Dennis Kingman
Date Results Due: 01/22/07

Samples Taken By: DRK / JWB
Date Samples Taken: 12/16/07

Lab #	Sample #	Sample Location/ Description	Analysis	Results
1	CM-001 A	9x9 TAN Floor Tile Rest Room - Main Bldg	ACM TEM	
	B	" "		
	C	" "		
	002 A	Mastic associated w/ 001 A		
	B	" " w/ 001 B		
	C	" " w/ 001 C		
	003 A	4" OD Pipe Insulation Main Bldg		
	B	" "		
	C	" "		
	004 A	8" OD Pipe insulation Main Bldg		
	B	" "		
	C	" "		
	005 A	Mud Insulation Fittings on PIPE Main Bldg		
	B	" "		
	C	" "		

NS=Not Sampled NA=Not Analyzed NEMTA=Not Enough Material To Analyze

Relinquished By:	Date: 01/16/07	Received By:	Date: 1/17/06
Company: Summit Environmental	Time: 1600	Company:	Time: 10:00

507011229

Summit Environmental Consultants, Inc.
IH Sample Chain Of Custody

PAGE 2 of 7

Summit Environmental
8 Harlow Street, Suite 4A
Bangor, Maine 04401
Tel # 207-262-9040
Fax# 207-262-9080

Project Number: 16075
Client: Castellar
Location: Chiatta - Shannel
Project Manager: Dennis Kingman
Date Results Due: 01/25/07

Samples Taken By: DBK / JWB
Date Samples Taken: 01/16/07

Lab #	Sample #	Sample Location/ Description	Analysis	Results
	CM-006A	Debris on floor by RR - Main Bldg	Asbestos PLM	
	007A	Cementitious Wall Hydro Grinder Room		
	B	" "		
	C	" "		
	008A	Built-up Asphalt Roofing		
	B	" "		
	C	" "		
	009A	Roof Flashing		
	B	" "		
	C	" "		
	010A	Pipe insulation 2nd Floor - Main Bldg		
	B	" "		
	C	" "		
	011A	Flat cementitious Roofback 2nd Floor - Main		

ND=None Detected NA=Not Analyzed NEMTA=Not Enough Material To Analyze

Relinquished By: DBK	Date:	Received By:	Date:
Company: Summit Environmental	Time:	Company:	Time:

507011229

Summit Environmental Consultants, Inc.
IH Sample Chain Of Custody

PAGE 2 of 2

Summit Environmental 8 Harlow Street, Suite 4A Bangor, Maine 04401 Tel # 207-282-9040 Fax# 207-282-9060	Project Number: 16075 Client: Costello Location: Chinette - Shawmut Project Manager: Dennis Kingman Date Results Due: 01/23/07

Samples Taken By: DBK / JWB Date Samples Taken: 01/16/07

Lab #	Sample #	Sample Location/ Description	Analysis	Results
	CM-012A	Corrugated Roof Deck 2nd Floor - Main Bldg	~~Asbestos~~ PLM	
	B	" "		
	C	" "		
	013A	Boiler Insulation Basement - Main Bldg		
	B	" "		
	C	" "		
	014A	Boiler Refractory Brick		
	015A	Pipe fitting Insulation on FG Boiler cover		
	B	" "		
	C	" "		
	016A	Pipe insulation Heated oil lines		
	017A	Interior wall panels Tower - 1st		
	B	" "		
	C	" " Tower - 2nd		

ND=None Detected NA=Not Analyzed NEMTA=Not Enough Materia To Analyze

Relinquished By: DBK	Date:	Received By:	Date:
Company: Summit Environmental	Time:	Company:	Time:

507011229

Summit Environmental Consultants, Inc.
IH Sample Chain Of Custody

PAGE 1 of 1

Summit Environmental 8 Harlow Street, Suite 4A Bangor, Maine 04401 Tel # 207-262-9040 Fax# 207-262-9080	Project Number: 16075 Client: Castello Location: Chinette - Shawmut Project Manager: Dennis Kingman Date Results Due: 01/23/07

Samples Taken By: JBK / JWB Date Samples Taken: 01/16/07

Lab #	Sample #	Sample Location/ Description	Analysis	Results
	CM-018A	Exterior Siding material Tower	Asbestos PLM	
	B	" "		
	C	" "		
	019A	Asphalt TANK Coating Exterior		
	B	" "		
	C	" "		

NO=None Detected NA=Not Analyzed NEMTA=Not Enough Material To Analyze

Relinquished By: JBK	Date:	Received By:	Date:
Company Summit Environmental	Time:	Company	Time:

Please Reply To.

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AmeriSci Boston
8 SCHOOL ST.
WEYMOUTH, MA 02189
TEL: (781) 337-9999 • FAX: (781) 337-8139

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To: Dennis Kingsley
Summit Environmental Consultants
Fax #: (207)262-9080

Email:

From: John A. Burns
AmeriSci Job #: 5070 1229
Subject: PLM 5 day Results
Client Project: 16[illegible] Chinette Mill- Shawmut

Date: 1/23/2007
Time: 11:26:51

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Comments:

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