APPENDIX B

Certifications

Hazardous Materials Inventory
Former United States Life Saving Station
Wood Island
Kittery, Maine

INSTITUTE FOR ENVIRONMENTAL EDUCATION, INC.

16 Upton Drive, Wilmington, MA 01887
(Phone) 978.658.5272

IEE IEE

This is to certify that
Todd C Young

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

January 26, 2009
Course Dates

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

January 26, 2009
Examination Date

January 26, 2010
Expiration Date

09-3975-106-232733
Certificate Number

Training Director

State of Maine

Asbestos Abatement Program

Todd C. Young

Management Planner

Cert No. MP-0167

Expiration Date 03/31/2010

Trn.Exp.Date 03/27/2010

This is not a legal form of official identification

State of Maine

Asbestos Abatement Program

Todd C. Young

Inspector

Cert No. AI-0225

Expiration Date 01/31/2010

Trn.Exp Date 01/26/2010

This is not a legal form of official identification

State of Maine
Department of Environmental Protection

LICENSE

Scientific Analytical Institute, Inc.

Asbestos Analytical Laboratory
(Bulk)

License Number: LB-0073

Expiration Date: 02/28/2010

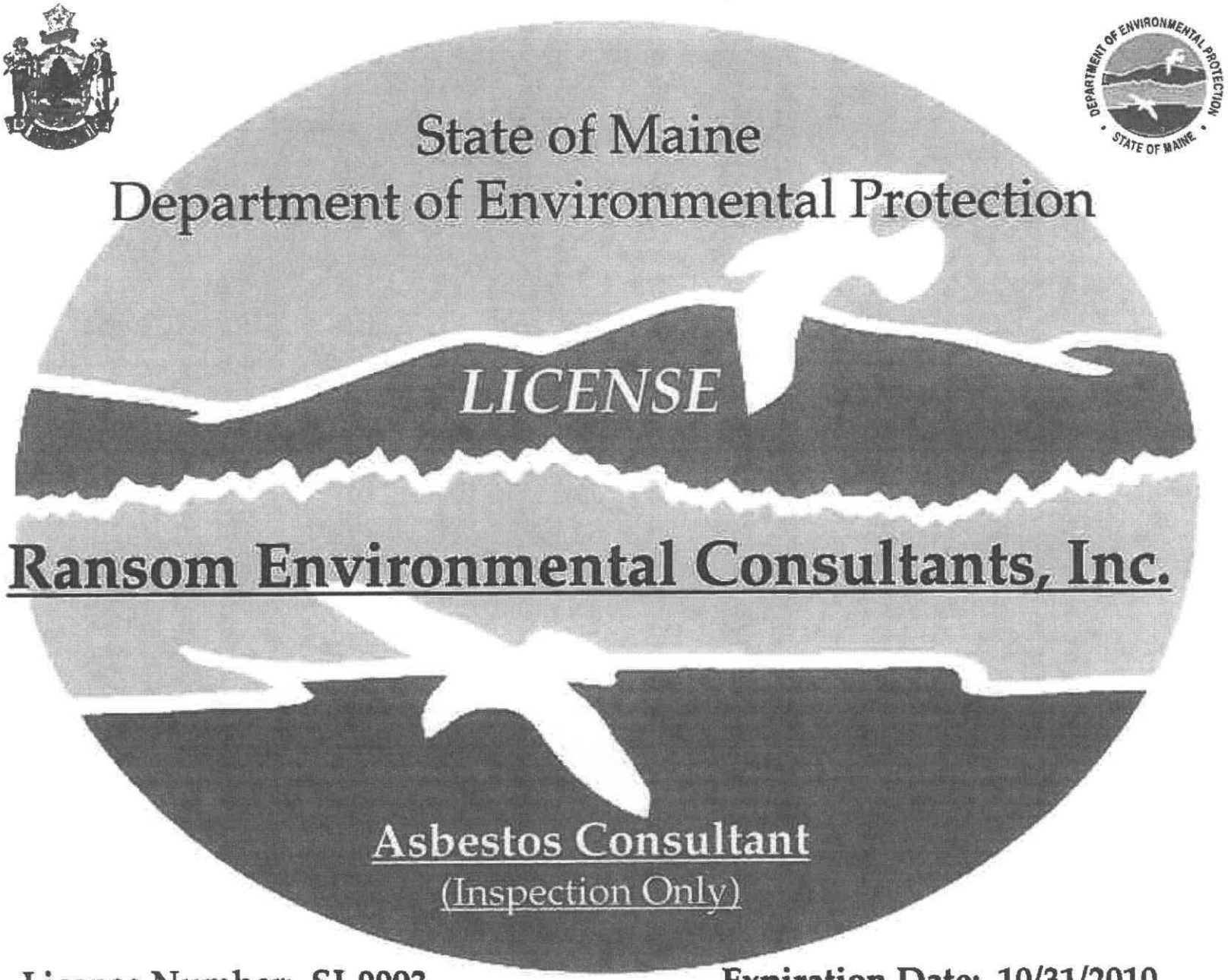
State of Maine
Department of Environmental Protection

LICENSE

Scientific Analytical Institute, Inc.

Asbestos Analytical Laboratory
(Air)

License Number: LA-0081 **Expiration Date: 02/28/2010**



State of Maine
Department of Environmental Protection

LICENSE

Ransom Environmental Consultants, Inc.

Asbestos Consultant
(Inspection Only)

License Number: SI-0093 **Expiration Date:** 10/31/2010

United States Department of Commerce
National Institute of Standards and Technology

NVLAP®

Certificate of Accreditation to ISO/IEC 17025:2005

NVLAP LAB CODE: 200664-0

Scientific Analytical Institute

Greensboro, NC

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).

2010-01-01 through 2010-12-31

Effective dates

Sally S. Bruce

For the National Institute of Standards and Technology

NVLAP-01C (REV. 2009-01-28)

NVLAP® National Voluntary Laboratory Accreditation Program

SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

Scientific Analytical Institute
302-L Pomona Drive
Greensboro, NC 27407
Mr. Nathaniel Durham
Phone: 336-292-3888 Fax: 336-292-3313
E-Mail: ndurham@sailab.com
URL: http://www.sailab.com

BULK ASBESTOS FIBER ANALYSIS (PLM) **NVLAP LAB CODE 200664-0**

NVLAP Code	*Designation / Description*
18/A01	EPA-600/M4-82-020: Interim Method for the Determination of Asbestos in Bulk Insulation Samples

2010-01-01 through 2010-12-31
Effective dates

Sally S. Bruce
For the National Institute of Standards and Technology

APPENDIX C

Laboratory Reports

Hazardous Materials Inventory
Former United States Life Saving Station
Wood Island
Kittery, Maine

Bulk Asbestos Analysis

By Polarized Light Microscopy
EPA Method: 600/R-93/116 and 600/M4-82-020

NVLAP Lab Code: 200664-0

Customer: Ransom Environmental
400 Commercial St Ste 404
Portland, ME 04101

Attn: Todd Young

Project: Wood Island Rescue Station Kittery
Maine

Lab Order ID: 1007451
Analysis ID: 1007451PLM
Date Received: 7/9/2010
Date Reported: 7/12/2010

Sample ID / *Lab Sample ID*	Description / *Lab Notes*	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes / Treatment
ASB-01A	Thermal System Insulation	30% Chrysotile	10% Cellulose	60% Other	White Fibrous Heterogeneous
1007451PLM_1					Teased
ASB-01B	Thermal System Insulation	Not Analyzed			
1007451PLM_2					
ASB-01C	Thermal System Insulation	Not Analyzed			
1007451PLM_3					
ASB-02A	Wire Wrap (Thin Black)	None Detected	40% Cellulose	60% Other	Black Fibrous Heterogeneous
1007451PLM_4					Dissolved
ASB-02B	Wire Wrap (Thin Black)	None Detected	40% Cellulose	60% Other	Black Fibrous Heterogeneous
1007451PLM_5					Dissolved
ASB-03A	Wire Wrap (White)	None Detected	90% Cellulose	10% Other	White Fibrous Heterogeneous
1007451PLM_6					Teased
ASB-03B	Wire Wrap (White)	None Detected	90% Cellulose	10% Other	White Fibrous Heterogeneous
1007451PLM_7					Dissolved
ASB-04A	Interior Siding Paper	40% Chrysotile	40% Cellulose	20% Other	Black Fibrous Heterogeneous
1007451PLM_8					Teased

Disclaimer: Due to the nature of the EPA 600 method, asbestos may not be detected in samples containing low levels of asbestos. We strongly recommended that analysis of floor tiles, vermiculite, and/or heterogeneous soil samples be conducted by TEM for confirmation of "None Detected" by PLM. This report relates only to the samples tested and may not be reproduced, except in full, without the written approval of SAI. This report may not be used by the client to claim product endorsement by NVLAP or any other agency of the U.S. government. Estimated MDL is 0.5%.

Sharon Donald (46)

Analyst

Nathaniel Durham, MS or Approved Signatory

Bulk Asbestos Analysis

By Polarized Light Microscopy
EPA Method: 600/R-93/116 and 600/M4-82-020

NVLAP Lab Code: 200664-0

Customer: Ransom Environmental
400 Commercial St Ste 404
Portland, ME 04101

Attn: Todd Young

Lab Order ID: 1007451
Analysis ID: 1007451PLM
Date Received: 7/9/2010
Date Reported: 7/12/2010

Project: Wood Island Rescue Station Kittery
Maine

Sample ID / *Lab Sample ID*	Description / *Lab Notes*	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes / Treatment
ASB-04B	Interior Siding Paper	**Not Analyzed**			
1007451PLM_9					
ASB-05A	Sheet Flooring	**None Detected**	15% Cellulose	85% Other	Brown Non Fibrous Homogeneous
1007451PLM_10					Ashed
ASB-05B	Sheet Flooring	**None Detected**	15% Cellulose	85% Other	Brown Non Fibrous Homogeneous
1007451PLM_11					Ashed
ASB-06A	Plaster Skim Coat	**None Detected**		100% Other	White Non Fibrous Heterogeneous
1007451PLM_12					Crushed
ASB-06B	Plaster Skim Coat	**None Detected**		100% Other	White Non Fibrous Heterogeneous
1007451PLM_13					Crushed
ASB-06C	Plaster Skim Coat	**None Detected**		100% Other	White Non Fibrous Heterogeneous
1007451PLM_14					Crushed
ASB-06D	Plaster Skim Coat	**None Detected**		100% Other	White Non Fibrous Heterogeneous
1007451PLM_15					Crushed
ASB-06E	Plaster Skim Coat	**None Detected**		100% Other	White Non Fibrous Heterogeneous
1007451PLM_16					Crushed

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Sharon Donald (46)
Analyst

Nathaniel Durham, MS or Approved Signatory

Bulk Asbestos Analysis

By Polarized Light Microscopy
EPA Method: 600/R-93/116 and 600/M4-82-020

NVLAP Lab Code: 200664-0

Customer: Ransom Environmental
400 Commercial St Ste 404
Portland, ME 04101

Attn: Todd Young

Project: Wood Island Rescue Station Kittery
Maine

Lab Order ID: 1007451
Analysis ID: 1007451PLM
Date Received: 7/9/2010
Date Reported: 7/12/2010

Sample ID / *Lab Sample ID*	Description / *Lab Notes*	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes / Treatment
ASB-07A	Plaster Base Coat	None Detected	5% Hair	80% Other 15% Quartz	Gray Non Fibrous Heterogeneous
1007451PLM_17					Crushed
ASB-07B	Plaster Base Coat	None Detected	5% Hair	80% Other 15% Quartz	Gray Non Fibrous Heterogeneous
1007451PLM_18					Crushed
ASB-07C	Plaster Base Coat	None Detected	5% Hair	80% Other 15% Quartz	Gray Non Fibrous Heterogeneous
1007451PLM_19					Crushed
ASB-07D	Plaster Base Coat	None Detected	5% Hair	80% Other 15% Quartz	Gray Non Fibrous Heterogeneous
1007451PLM_20					Crushed
ASB-07E	Plaster Base Coat	None Detected	5% Hair	80% Other 15% Quartz	Gray Non Fibrous Heterogeneous
1007451PLM_21					Crushed
ASB-08A	Plaster Skim Coat 2	None Detected		100% Other	White Non Fibrous Heterogeneous
1007451PLM_22					Crushed
ASB-08B	Plaster Skim Coat 2	None Detected		100% Other	White Non Fibrous Heterogeneous
1007451PLM_23					Crushed
ASB-08C	Plaster Skim Coat 2	None Detected		100% Other	White Non Fibrous Heterogeneous
1007451PLM_24					Crushed

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Sharon Donald (46)
Analyst

Nathaniel Durham, MS or Approved Signatory

Bulk Asbestos Analysis

By Polarized Light Microscopy
EPA Method: 600/R-93/116 and 600/M4-82-020

NVLAP Lab Code: 200664-0

Customer: Ransom Environmental
400 Commercial St Ste 404
Portland, ME 04101

Attn: Todd Young

Lab Order ID: 1007451
Analysis ID: 1007451PLM
Date Received: 7/9/2010
Date Reported: 7/12/2010

Project: Wood Island Rescue Station Kittery
Maine

Sample ID / *Lab Sample ID*	Description / *Lab Notes*	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes / Treatment
ASB-09A / *1007451PLM_25*	Plaster Base Coat 2	None Detected	5% Cellulose	75% Other 20% Quartz	Gray Non Fibrous Heterogeneous Crushed
ASB-09B / *1007451PLM_26*	Plaster Base Coat 2	None Detected	5% Cellulose	75% Other 20% Quartz	Gray Non Fibrous Heterogeneous Crushed
ASB-09C / *1007451PLM_27*	Plaster Base Coat 2	None Detected	5% Cellulose	75% Other 20% Quartz	Gray Non Fibrous Heterogeneous Crushed
ASB-10A / *1007451PLM_28*	Drywall	None Detected	20% Cellulose	80% Gypsum	White, Brown Fibrous Heterogeneous Teased
ASB-10B / *1007451PLM_29*	Drywall	None Detected	20% Cellulose	80% Gypsum	White, Brown Fibrous Heterogeneous Teased
ASB-10C / *1007451PLM_30*	Drywall	None Detected	20% Cellulose	80% Gypsum	White, Brown Fibrous Heterogeneous Teased
ASB-11A / *1007451PLM_31*	Boiler Insulation	30% Chrysotile		70% Other	Gray Fibrous Heterogeneous Teased
ASB-11B / *1007451PLM_32*	Boiler Insulation	Not Analyzed			

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Sharon Donald (46)
Analyst

Nathaniel Durham, MS or Approved Signatory

Bulk Asbestos Analysis

By Polarized Light Microscopy
EPA Method: 600/R-93/116 and 600/M4-82-020

NVLAP Lab Code: 200664-0

Customer: Ransom Environmental
400 Commercial St Ste 404
Portland, ME 04101

Attn: Todd Young

Lab Order ID: 1007451
Analysis ID: 1007451PLM
Date Received: 7/9/2010
Date Reported: 7/12/2010

Project: Wood Island Rescue Station Kittery
Maine

Sample ID / *Lab Sample ID*	Description / *Lab Notes*	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes / Treatment
ASB-11C	Boiler Insulation	Not Analyzed			
1007451PLM_33					
ASB-12A	Tank Insulation	30% Chrysotile		70% Other	Gray Fibrous Heterogeneous
1007451PLM_34					Teased
ASB-12B	Tank Insulation	Not Analyzed			
1007451PLM_35					
ASB-12C	Tank Insulation	Not Analyzed			
1007451PLM_36					
ASB-13A	Asphalt Shingle	None Detected	15% Fiber Glass	85% Other	Red, Black Non Fibrous Heterogeneous
1007451PLM_37					Dissolved
ASB-13B	Asphalt Shingle	None Detected	15% Fiber Glass	85% Other	Red, Black Non Fibrous Heterogeneous
1007451PLM_38					Dissolved
ASB-14A	Exterior Siding Paper	30% Chrysotile	40% Cellulose	30% Other	Brown Fibrous Heterogeneous
1007451PLM_39					Teased
ASB-14B	Exterior Siding Paper	Not Analyzed			
1007451PLM_40					

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Sharon Donald (46)
Analyst

Nathaniel Durham, MS or Approved Signatory

Bulk Asbestos Analysis

By Polarized Light Microscopy
EPA Method: 600/R-93/116 and 600/M4-82-020

NVLAP Lab Code: 200664-0

Customer: Ransom Environmental
400 Commercial St Ste 404
Portland, ME 04101

Attn: Todd Young

Project: Wood Island Rescue Station Kittery
Maine

Lab Order ID: 1007451
Analysis ID: 1007451PLM
Date Received: 7/9/2010
Date Reported: 7/12/2010

Sample ID / *Lab Sample ID*	Description / *Lab Notes*	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes / Treatment
ASB-15A	Shed Siding Paper	30% Chrysotile	40% Cellulose	30% Other	Gray Fibrous Heterogeneous
1007451PLM_41					Teased
ASB-15B	Shed Siding Paper	Not Analyzed			
1007451PLM_42					
ASB-16A	Flooring Paper	45% Chrysotile	40% Cellulose	15% Other	Gray Fibrous Heterogeneous
1007451PLM_43					Teased
ASB-16B	Flooring Paper	Not Analyzed			
1007451PLM_44					
ASB-17A	Flooring Paper	45% Chrysotile	40% Cellulose	15% Other	Gray Fibrous Heterogeneous
1007451PLM_45					Teased
ASB-17B	Flooring Paper	Not Analyzed			
1007451PLM_46					

Disclaimer: Due to the nature of the EPA 600 method, asbestos may not be detected in samples containing low levels of asbestos. We strongly recommended that analysis of floor tiles, vermiculite, and/or heterogeneous soil samples be conducted by TEM for confirmation of "None Detected" by PLM. This report relates only to the samples tested and may not be reproduced, except in full, without the written approval of SAI. This report may not be used by the client to claim product endorsement by NVLAP or any other agency of the U.S. government. Estimated MDL is 0.5%.

Sharon Donald (46)

Analyst

Nathaniel Durham, MS or Approved Signatory

100745

	Ransom Environmental Todd Young Portland, ME 04101 (207) 772-2891 (207) 772-3248 Todd.Young@ransomenv.com
Project:	Wood Island Rescue Station Kittery, Maine
Client Notes:	Positive Stop
P.O. #	1765
Date Submitted:	7/8/2010 0:00
Analysis:	PLM - Bulk Asbestos
Turnaround Time:	48-Hour

<<

ASB-01A	Thermal System Insulation	1st Floor
ASB-01B	Thermal System Insulation	Basement
ASB-01C	Thermal System Insulation	Basement
ASB-02A	Wire Wrap (Thin Black)	1st Floor
ASB-02B	Wire Wrap (Thin Black)	1st Floor
ASB-03A	Wire Wrap (White)	1st Floor
ASB-03B	Wire Wrap (White)	1st Floor
ASB-04A	Interior Siding Paper	Marine Rail Garage
ASB-04B	Interior Siding Paper	Marine Rail Garage
ASB-05A	Sheet Flooring	1st Floor
ASB-05B	Sheet Flooring	1st Floor
ASB-06A	Plaster Skim Coat	1st Floor
ASB-06B	Plaster Skim Coat	1st Floor
ASB-06C	Plaster Skim Coat	1st Floor
ASB-06D	Plaster Skim Coat	1st Floor
ASB-06E	Plaster Skim Coat	1st Floor
ASB-07A	Plaster Base Coat	1st Floor
ASB-07B	Plaster Base Coat	1st Floor

Accepted ☑

Rejected ☐

1007451

ASB-07D	Plaster Base Coat	1st Floor
ASB-07E	Plaster Base Coat	1st Floor
ASB-08A	Plaster Skim Coat 2	1st Floor @ Bathrooms
ASB-08B	Plaster Skim Coat 2	1st Floor @ Bathrooms
ASB-08C	Plaster Skim Coat 2	1st Floor @ Bathrooms
ASB-09A	Plaster Base Coat 2	1st Floor @ Bathrooms
ASB-09B	Plaster Base Coat 2	1st Floor @ Bathrooms
ASB-09C	Plaster Base Coat 2	1st Floor @ Bathrooms
ASB-10A	Drywall	1st Floor @ Bathrooms
ASB-10B	Drywall	1st Floor @ Bathrooms
ASB-10C	Drywall	1st Floor @ Bathrooms
ASB-11A	Boiler Insulation	Basement
ASB-11B	Boiler Insulation	Basement
ASB-11C	Boiler Insulation	Basement
ASB-12A	Tank Insulation	Basement
ASB-12B	Tank Insulation	Basement
ASB-12C	Tank Insulation	Basement
ASB-13A	Asphalt Shingle	Roof
ASB-13B	Asphalt Shingle	Roof
ASB-14A	Exterior Siding Paper	Exterior
ASB-14B	Exterior Siding Paper	Exterior
ASB-15A	Shed Siding Paper	Shed
ASB-15B	Shed Siding Paper	Shed
ASB-16A	Flooring Paper	2nd Floor
ASB-16B	Flooring Paper	2nd Floor
ASB-17A	Flooring Paper	Marine Rail Garage
ASB-17B	Flooring Paper	Marine Rail Garage

>>

APPENDIX D

Lists of Samples Testing Positive and Negative for Asbestos

Hazardous Materials Inventory
Former United States Life Saving Station
Wood Island
Kittery, Maine

Table D-1: Materials Testing Greater Than One Percent For Asbestos
Former United States Life Saving Station
Wood Island
Kittery, Maine

MATERIAL	LOCATION	SAMPLE NUMBER	ASBESTOS QUANTITY AND TYPE	ESTIMATED QUANTITY[1,2]
Thermal System Insulation (TSI) and Fittings	Basement and First Floor	ASB-01A	30% Chrysotile	380 LF
TSI Debris	Basement/Boiler Room Floor	ASB-01A	30% Chrysotile	2,480 SF
Siding Paper	Tool House/Shed	ASB-04A ASB-15A	40% Chrysotile 30% Chrysotile	480 SF
Boiler Insulation	Basement	ASB-11A	30% Chrysotile	50 SF
Tank Insulation	Basement	ASB-12A	30% Chrysotile	60 SF
Exterior Siding Paper	USCG-LSS Building Entire	ASB-14A	30% Chrysotile	4,600 SF
Flooring Paper	USCG-LSS Building Entire	ASB-16A ASB-17A	45% Chrysotile	6,600 SF

Notes:
1. LF: Linear Feet SF: Square Feet.
2. Estimated quantities of ACM are taken from Ransom's field inspections/measurements and from *Wood Island Feasibility Study*, prepared by Terracon Consultants, Inc, dated April 2009. Quantities presented by Terracon generally correlate with Ransom's field observations/measurements.

Table D-2: Materials Testing Negative For Asbestos
Former United States Life Saving Station
Wood Island
Kittery, Maine

MATERIAL	LOCATION	SAMPLE NUMBER
Wire Wrap (Black)	1st Floor	ASB-02A and ASB-02B
Wire Wrap (White)	1st Floor	ASB-03A and ASB-03B
Sheet Flooring	1st Floor	ASB-05A and ASB-05B
Plaster Skim Coat	1st Floor	ASB-06A through ASB-06E
Plaster Base Coat	1st Floor	ASB-07A through ASB-07E
Plaster Skim Coat 2	1st Floor Bathrooms	ASB-08A through ASB-08C
Plaster Base Coat 2	1st Floor Bathrooms	ASB-09A through ASB-09C
Drywall	1st Floor Bathrooms	ASB-10A through ASB-10C
Asphalt Shingle	Roof	ASB-13A and ASB-13B

APPENDIX E

Lead-Based Paint Testing Results

Hazardous Materials Inventory
Former United States Life Saving Station
Wood Island
Kittery, Maine

Table E-1 Paint Chip Analytical Results
Former United States Life Saving Station
Wood Island
Kittery, Maine

Reading Number	Color/Material/Component	Result (mg/kg)
Pb-01	Yellow Plaster Wall	x
Pb-02	White Wood Interior Trim	x
Pb-03	Blue Wood Wall	x
Pb-04	Silver Metal Pipes	x

Notes:

1. BRL: Below Laboratory Reporting Limit
2. Items in bold and italics are above EPA/HUD "lead-based paint" level of 1.0 mg/cm^2