Asbestos Inspection for Chilkoot Lumber Company

Prepared for:

Specialized Metal Recycling
101 Industrial Way
P.O. Box 365
Lebanon, OR 97355
(541) 451-1275

Prepared by:

Chilkat Environmental
P.O. Box 865
Haines AK 99827
(907) 766-3897

June 30, 2007

Date of Field Inspection: June 16, 2008

Introduction: This asbestos investigation was conducted by Chilkat Environmental for Specialized Metal Recycling on Chilkoot Lumber Company property in Haines, AK. The current intended use of the property includes demolition of the mill for future industrial uses. The lumber mill was originally built in 1968 by local entrepreneur John Schnabel and reached a capacity of 300,000 board feet per day. The site includes a 600 foot dock, extensive mill infrastructure and a 5 megawatt thermal power plant that operated on wood waste.

Purpose: The purpose of this asbestos inspection is to interview the owner and physically inspect the facilities at Chilkoot Lumber Company on Lutak Inlet in Haines, Alaska to identify the presence of Asbestos Containing Materials (ACM). During the summer of 2008 the mill is being dismantled for recycling. While most of the mill site features no suspected ACM, the powerhouse building that housed the power generation system featured many potential sources of ACM. This investigation was performed to determine requirements for demolishing the powerhouse building.

Investigators: This document was prepared by Chilkat Environmental of Haines, Alaska. Investigators include Environmental Engineer, Elijah Donat MS. PMP and Environmental Scientist, William Prisciandaro BS. Jacklynn Ruggirello, BS conducted the asbestos survey as our AHERA Certified Building Inspector.

Conclusions:
No ACM were detected in analyses of 10 suspected types of building material in the powerhouse. ACM was discovered on labeled and unlabeled new products in the building and was contained in a central area and labeled clearly for proper disposal by the owner alongside other hazardous materials after the demolition is complete. Refer to attached Photolog and testing results for more information.

Photolog

Photo 1: S-1 Westinghouse Generator Insulation; Result Non-ACM

Photo 2: S-2 Pipe Insulation from 2nd Floor; Result Non-ACM

Photo 3: S-3 Used Pipe Insulation Storage Area; Result Non-ACM

Photo 4: S-4, S-5, and S-6 (R to L) Charleston 211; Result ACM 60%

Photo 5: S-7 Granular Insulation in Basement; Result Non-ACM

Photo 6: S-8 Insulation under Furnace Area; Result Non-ACM

Photo 7: S-9 White Substance Located within Furnace; Result Non-ACM

Photo 8: S-10 Furnace Door Seal; Result Non-ACM

Photo 9: S-11 and S-12 Blue and White Insulation on Furnace Pipes; Result Non-ACM

Photo 10: S-13 Diablo Bricks; Result Non-ACM

Photo 11; Mechanical Packing Material Labeled Asbestos on Second Floor


Photo 12: Charleston Material Labeled Asbestos on Second Floor near Mechanical Packing

Photo 13: Asbestos Materials Double Bagged for Removal to Approved Facility

WESTERN ANALYTICAL LABORATORY, Inc.
TEST REPORT

REPORT NO: 54855

DATE RECEIVED: June 23, 2008

DATE REQUIRED: June 24, 2008

CLIENT: Chilkat Environmental
P.O. Box 865
Haines, AK 99827

REFERENCE: 223 Old Hart Road

SUBJECT: Polarized Light Microscopy Analysis for Asbestos; 13 samples

METHODOLOGY: "Method for the Determination of Asbestos in Bulk Building Materials" (EPA 600/R-93/116)*

ACCREDITED: National Institute of Standards and Technology (NVLAP) # 200037

SAMPLE ID NUMBER	SAMPLE LOCATION AND DESCRIPTION	VISUAL DESCRIPTION	ASBESTIFORM MINERALS	OTHER FIBROUS MATERIALS	NON-FIBROUS MATERIALS
S-01	Westinghouse Generator Insulation	White fibrous Friable	**None Detected**	Glass Wool 99%	Granular Minerals Opaques
S-02	Pipes Level 2 Insulation	White granular Friable	**None Detected**	None Detected	Granular Minerals
S-03	Round Block Insulation Level 2 Insulation block	White granular/ fibrous Friable	**None Detected**	Fiberglass 3% Synthetics 2%	Granular Minerals
S-04	Charleston 211 1/32 Gasket seal	Gray granular/ fibrous Non-friable	**Chrysotile 60%**	Wollastonite 25%	Granular Minerals Organics
S-05	Charleston 211 1/16 Gasket seal	Gray granular/ fibrous Non-friable	**Chrysotile 60%**	Wollastonite 25%	Granular Minerals Organics

t: Trace >1% = greater than 1% <1 = less than 1%

Optical Microscopist

Mike Maladzhikyan, Laboratory Director

Reference: 223 Old Hart Road

SAMPLE ID NUMBER	SAMPLE LOCATION AND DESCRIPTION	VISUAL DESCRIPTION	ASBESTIFORM MINERALS	OTHER FIBROUS MATERIALS	NON-FIBROUS MATERIALS
S-06	Unlabeled Gasket Material Roll Gasket seal	Gray granular/ fibrous Non-friable	**Chrysotile 60%**	None Detected	Granular Minerals Organics
S-07	Basement Insulation near Door Block insulation	Gray granular/ fibrous Non-friable	**None Detected**	Wollastonite 5%	Granular Minerals Mortar
S-08	Basement Boiler Insulation Insulation	Beige fibrous Friable	**None Detected**	Glass Wool 90%	Granular Minerals Organics
S-09	Furnace Door White hard material	Gray granular/ fibrous Non-friable	**None Detected**	Wollastonite 5%	Granular Minerals Mortar
S-10	Furnace Door Seal Door seal	Beige fibrous Friable	**None Detected**	Glass Wool 90%	Granular Minerals
S-11	Second Floor Large Pipes White block insulation	White granular/ fibrous Friable	**None Detected**	Synthetics 10% Fiberglass 2%	Granular Minerals
S-12	Large Pipes Blue Blocks Blue block insulation	Lt. blue granular/ fibrous Friable	**None Detected**	Synthetics 10%	Granular Minerals
S-13	Diablo Brick Bricks	Gray granular Non-friable	**None Detected**	None Detected	Granular Minerals Mortar

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