February 16, 2018

Customer: Erlandsen/Douglas County PUD

Location: Memorial Park Restroom, Brewster, WA

Description: Building Survey for Asbestos

Findings:

A.L. Central LLC is presenting the results of our authorized good faith asbestos inspection of the building located at Memorial Park Restroom, Brewster, WA. The scope of services for the good faith asbestos inspection included sampling of all potential **A**sbestos **C**ontaining **M**aterial **(ACM)** and referenced Washington Administrative Code (WAC) 296-62. This report summarizes the sampling activities are being completed by A.L. Central LLC.

Asbestos Inspection

The asbestos inspection was performed on **2/13/18, by**, **Robert Witheridge** a Certified Building Inspector (AHERA) with A.L. Central LLC, sampled suspect material(s) and any samples were shipped to Mountain Labs. of Spokane Valley, Washington for analysis by polarized light microscopy (PLM). Mountain Labs are accredited under the National Voluntary Laboratory Accreditation Program (NVLAP) for bulk asbestos fiber analysis, NVLAP Lab Code: 101890-0, and the American Industrial Hygiene Association (AIHA). A copy of laboratory accreditation has been included.

Material Assessment

There were no asbestos containing materials (ACM) found in the samples taken.

NOTE: Per as builts, CMU block walls contain ZONOLITE and should be ASSUMED to be ACM.

Sample Collection

Based upon the results of the visual observations and the scope of work outlined in our proposal, sampling strategies were established to meet the "good faith" requirements of **WAC 296-62-07721 (1) (c) (ii)** and the collection of suspect material bulk samples was performed by an AHERA accredited inspector in each area following requirements of **40 CFR 763.86**. A.L. Central LLC personnel performing sampling activities utilized appropriate personal protection. Additionally, sampling procedures included the use of engineering controls to minimize the release of airborne fibers during sample collection. **All samples were collected in a manner sufficient to determine whether the material was ACM or non-ACM.**

Material Sample Analysis

Upon completion of the on-site portion of the work, material samples accompanied by chain of custody forms were sent to Mountain Labs for analysis. Samples were analyzed using PLM coupled with dispersion staining as detailed in EPA's "*Test Method for the Determination of Asbestos in Bulk Building Materials*" (EPA 600/R-93/116). PLM is the EPA recommended method for bulk sample analysis and utilizes the

unique optical and crystallographic properties of the various constituents of the sample for material identification purposes. The sample analysis sheets and copies of the chain of custody forms are included. The laboratory records denote layer identification and material composition by sample percentage.

Regulatory Discussion

Under current (WISHA) regulations, material containing greater than one percent of asbestos are considered an ACM. Materials that have historically contained greater than one percent of asbestos in their composition may either be classified as an assumed ACM, or be sampled and analyzed to determine the actual percentages of asbestos contained in their composition and subsequently be classified as an ACM or non-ACM. However, removal and disturbance of building materials containing asbestos in concentrations less than one percent are regulated for worker protection. NESHAP Classification: EPA National Emissions Standards for Hazardous Air Pollutants (NESHAP) regulations require identification and classification and strict consideration of existing building materials prior to beginning any renovation or demolition activity. NESHAP regulations are concerned with regulated ACM (RACM) including: all friable ACM; Category I non-friable ACM that will be or has been subject to sanding, grinding, cutting, or abrading; Category II non-friable (ACM) that has become friable; and Category II non-friable (ACM) that has a high probability of becoming, or has become crumbled, pulverized, or reduced to a powder by forces expected to act on the material in the course of demolition or renovation activities.

WAC 296-62-07703 Definitions:
Class I asbestos work means activities involving the removal of thermal system insulation (TSI) or surfacing ACM/presumed ACM.
Class II asbestos work means activities involving the removal of ACM which is not thermal system insulation or surfacing material. This includes, but is not limited to, the removal of asbestos containing wallboard, floor tile and sheeting, roofing and siding and shingles, and construction mastics.
Class III asbestos work means that repair and maintenance operations, where ACM including TSI and surfacing ACM/PACM may be disturbed.
Class IV asbestos work means maintenance and custodial activities during which employees contact but do not disturb ACM or PACM
Homogeneous area means an area of surfacing material or thermal system insulation that is uniform in color and texture. *WAC 296-62-07703*
Surfacing material means material that is sprayed, troweled-on or otherwise applied to surfaces (such as acoustical plaster on ceilings and fireproofing materials on structural members, or other materials on surfaces for acoustical, fireproofing, and other purposes). *WAC 296-62-07703*
Thermal system insulation (TSI) means ACM applied to pipes, fittings, boilers, breaching, tanks, ducts, or other structural components to prevent heat loss or gain. WAC 296-62-0773
Miscellaneous material means interior building material on structural components, structural members or fixtures, such as floor and **ceiling tiles**, and does not include surfacing material or thermal system insulation. *40 CFR 763.83* 40 CFR 763.87 (4) Bulk samples are not required to be collected from any homogeneous area where the accredited inspector has determined that the thermal system insulation is fiberglass, foam glass, rubber, or other non-ACBM. (c) *Miscellaneous material.* In a manner sufficient to determine whether material is ACM or not ACM, an accredited inspector shall collect bulk samples from each homogeneous area of friable miscellaneous material that is not assumed to be ACM.
(d) *Non-friable suspected ACBM.* If any homogeneous area of non-friable suspected ACBM is not assumed to be ACM, then an accredited inspector shall collect, in a manner sufficient to determine whether the material is ACM or not ACM, bulk samples from the homogeneous area of non-friable

suspected ACBM that is not assumed to be ACM.

Evaluation Limitations

Materials with one or more positive asbestos results should be assumed to be positive throughout the project area. Materials not sampled as part of the scope of services performed for this project may not be assumed to be negative. Quantity estimates are to provide order of magnitude information only. This report is limited to the materials and activities described here and intended to aid in the identification of asbestos containing materials within the project area. Asbestos containing materials may exist in areas inaccessible at the time of this report, including but not limited to: Energized systems, interstitial areas between walls, ceilings and floors, areas inaccessible without destructive sampling and areas restricted by activity and use limitations. A.L. Central LLC endeavored to obtain material samples from areas where visual impacts from the sampling activities would be less noticeable to the general public in the building or in such case of a planned roof demolition or building demolition samples were taken in localized areas. Our services consist of professional opinions made in accordance with rules and regulations guided by AHERA inspection standards as well as WAC regulations as they exist at the time of this report. This report has been prepared exclusively for the use of Erlandsen/Douglas County PUD; we cannot be responsible for any other use of this report. This report should be read and implemented in its entirety. Individual sections of this report cannot be relied upon outside the context of the report. The information is relevant to the dates of our site work, and should not be relied on to represent conditions at a substantially later date. The scope of services for this project were limited to visual observation of suspect ACM's, collection of material samples, and reporting analytical test results as part of the good faith inspection. This report does not contain recommendations addressing the identified ACM's since this is outside A.L. Central LLC's scope of services on this project. The owner is responsible for identifying all appropriate federal, state and local regulations and ensuring that they are in compliance with said regulations. We appreciate the opportunity to assist you on this project. If the results of this inspection tested positive we would be more than happy to give you a bid on the removal of the (ACM) asbestos containing materials, or if you have any other questions, please contact us.

STATE ASBESTOS SUPERVISOR CERTIFICATION: 2019027793A
STATE ASBESTOS INSPECTOR CERTIFICATION: 155306
STATE CONTRACTOR CERTIFICATION: ACENTL*901OW
STATE CONTRACTOR ABATEMENT CERTIFICATION: 1501

We are certified by Labor and Industries, Department of Health, Puget Sound Clean Air, National Institute for Occupational Safety and Health and the Environmental Protection Agency.

Sincerely,

Robert Witheridge
Owner

P. O. Box 1764/ Wenatchee, WA 98807 / 509-860-3519 / F-509-888-5543 / acentral@hotmail.com

PROUD MEMBER

Mountain Laboratories
9922 East Montgomery Suite 13
Spokane Valley, WA 99206
(509) 922-1365 • Fax (509) 922-1380

NVLAP®
NVLAP LAB CODE 101890-0

February 16, 2018

A Central LLC
Rob Witheridge
P.O. Box 1764
Wenatchee, WA 98807

Project Name: Memorial Park Restroom
Project #: Erlandsen/Douglas County PUD

Dear Mr. Witheridge,

The enclosed report details results for the analysis of the bulk sample(s) submitted to Mountain Laboratories on February 15, 2018. Sample analysis was performed to determine asbestos type and content using Polarized Light Microscopy, supplemented by Dispersion Staining (PLM/DS).

This report includes a summary of the analytical results and chain of custody. Analytical results are only reflective of the samples, which were tested and presented in this report. Mountain Laboratories limits warranty to proper analysis methods and takes no responsibility for sample procurement.

It has been our pleasure providing you with these analytical services. If you have any questions regarding this report, please do not hesitate to call us at (509) 922-1365.

Sincerely,

Heidi L. McCarthy
Laboratory Manager
Mountain Laboratories
Mountain Laboratories NW, Inc.

Enclosure: 2419.5762.5766

MOUNTAIN LABORATORIES
BULK SAMPLE ANALYSIS FOR ASBESTOS

A Central LLC
Rob Witheridge
P.O. Box 1764
Wenatchee, WA 98807

Project Name: Memorial Park Restroom
Project #: Erlandsen/Douglas County PUD

Test Method: EPA-600/R-93/116: Interim Method for the Determination of Asbestos in Bulk Building Materials. Customer #: 2419

Laboratory No.	B18-5762	B18-5838	B18-5763
Sample ID No.	1001	1001-A	1002
Sample Description	Sheetrock	Sub Sample of 1001 Top Layer	Sheetrock
Sample Treatment	Teased/Crushed	Teased/Crushed	Teased/Crushed
Homogeneous	No	No	No
Layered	Yes	Yes	Yes
Fibrous	Yes	Yes	Yes
Sample Color	Brown/Tan	Off White/Yellow	Brown/Tan
Asbestos Present	No	No	No
Asbestos Type and Percentage 1. Chrysotile 2. Amosite 3. Crocidolite 4. Other	Sheetrock N.D.	Top Layer N.D.	Sheetrock N.D.
Total % Asbestos	None	None	None
Other Fibrous Material In Sample	Cellulose 5%	Glass Fibers 5%	Cellulose 5%
Non-Fibrous Material:	Binder/Filler 5% Gypsum 90%	Gypsum 95% **Thin layer.**	Binder/Filler 5% Gypsum 90%

Date Analyzed: February 16, 2018

Analyzed By: Lisa Meade

Mountain Laboratories, Mountain Laboratories NW, Inc. limits warranty to proper analysis methods only and takes no responsibility for sample procurement. Mountain Laboratories, Mountain Laboratories NW, Inc., 9922 E. Montgomery Suite #13, Spokane Washington 99206 (509) 922-1365 - Fax (509) 922-1380. PLM has been known to miss asbestos in a small percentage of samples. Thus negative or <1% PLM results should be tested with either SEM or TEM. Customer is responsible for sample separation. This report may only be reproduced in full with written approval by Mountain Laboratories. Soil/Dust samples are not covered under NVLAP Accreditation.

Sample results must not be used by the customer to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the Federal Government.

MOUNTAIN LABORATORIES
BULK SAMPLE ANALYSIS FOR ASBESTOS

A Central LLC
Rob Witheridge
P.O. Box 1764
Wenatchee, WA 98807

Project Name: Memorial Park Restroom
Project #: Erlandsen/Douglas County PUD

Test Method: EPA-600/R-93/116: Interim Method for the Determination of Asbestos in Bulk Building Materials. Customer #: 2419

Laboratory No.	B18-5839	B18-5764	B18-5840
Sample ID No.	1002-A	1003	1003-A
Sample Description	Sub Sample of 1002 Top Layer	Sheetrock	Sub Sample of 1003 Top Layer
Sample Treatment	Teased/Crushed Dissolved	Teased/Crushed	Teased/Crushed Dissolved
Homogeneous	No	No	No
Layered	Yes	Yes	Yes
Fibrous	Yes	Yes	Yes
Sample Color	Brown/Yellow Off White	Brown/Tan	Brown/Yellow Off White
Asbestos Present	No	No	No
Asbestos Type and Percentage 1. Chrysotile 2. Amosite 3. Crocidolite 4. Other	Top Layer N.D.	Sheetrock N.D.	Top Layer N.D.
Total % Asbestos	None	None	None
Other Fibrous Material In Sample	Glass Fibers 5%	Cellulose 5%	Glass Fibers 5%
Non-Fibrous Material:	Gypsum 94% Paint <1% Other 100%	Binder/Filler 5% Gypsum 90%	Gypsum 94% Paint <1% Other 100%

Date Analyzed: February 16, 2018

Analyzed By: Lisa Meade

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MOUNTAIN LABORATORIES
BULK SAMPLE ANALYSIS FOR ASBESTOS

A Central LLC
Rob Witheridge
P.O. Box 1764
Wenatchee, WA 98807

Project Name: Memorial Park Restroom
Project #: Erlandsen/Douglas County PUD

Test Method: EPA-600/R-93/116: Interim Method for the Determination of Asbestos in Bulk Building Materials. Customer #: 2419

Laboratory No.	B18-5765	B18-5766	
Sample ID No.	1004	1005	
Sample Description	Window Glazing	Tile	
Sample Treatment	Teased/Dissolved Heated	Teased/Crushed Heated	
Homogeneous	No	No	
Layered	Yes	Yes	
Fibrous	No	No	
Sample Color	White/Off White/Pink	Blue/Gray Pale Yellow	
Asbestos Present	No	No	
Asbestos Type and Percentage 1. Chrysotile 2. Amosite 3. Crocidolite 4. Other	N.D.	Tile N.D. Gray Layer N.D. Pale Yellow Mastic N.D.	
Total % Asbestos	None	None	
Other Fibrous Material In Sample			
Non-Fibrous Material:	Other 99% Paint <1% Other 100%	Tile: Other 100% Gray Layer: Aggregate 40% Quartz 15% Mica <1% Other 44% Pale Yellow Mastic: Other 100%	

Date Analyzed: February 16, 2018

Analyzed By: Lisa Meade

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CHAIN OF CUSTODY RECORD

Mountain Laboratories
9922 E. Montgomery Drive, Suite 13
Spokane Valley, WA 99206
Phone: 509-922-1365
Fax: 509-922-1380
Email: heidi@mountainlaboratories.com

Billing Information (if different)

Asbestos Central

A CENTRAL LLC
P. O. Box 1764
Wenatchee, WA 98807

Project Name: Memorial Park Restroom, Pateros, WA

Project No: Erlandsen/Douglas County PUD

Results: (check box)

- ☐ FAX:
- ☐ PHONE:
- ☐ E-MAIL: acentral@hotmail.com
- ☐ MAIL

A CENTRAL LLC -- ROB WITHERIDGE (509) 860-3519

ANALYSIS REQUIRED

TURNAROUND

☐ 1 HR Rush ☐ ~~48 HR~~
☐ 3 HR Rush ☒ 3 Day
☐ 24 HR Rush ☐ 5 Day

SAMPLE #	SAMPLE DESCRIPTION/ID	DATE/TIME	# OF CONTAINERS	PLM - BULK	LEAD - AIR, PAINT, WIPE	REMARKS
1001	Sheetrock - Mezzanine/Maintenance	2/13/2018	1	X		
1002	Sheetrock - Men's Restroom	2/13/2018				
1003	Sheetrock - Women's Restroom	2/13/2018				
1004	Window Glazing - East side	2/13/2018				
1005	Tile - Shower Area	2/13/2018				

RELEASED BY (Signature)	DELIVERY METHOD	RECEIVED BY (Signature)	COMPANY	DATE / TIME RECEIVED	CONDITION
	UPS	Kaytlyn McCarthy	*Mountain Laboratories*	2/15/18@9:40am	Good

Certificate of Completion

This is to certify that

Robert A. Witheridge

has satisfactorily completed
4 hours of refresher training as an

AHERA Building Inspector

to comply with the training requirements of
TSCA Title II, 40 CFR 763 (AHERA)

165421
Certificate Number

ARGUS PACIFIC
TRAINING • CONSULTING
A Terracon COMPANY

Feb 7, 2018 Expires in 1 year.
Date(s) of Training

Exam Score: N.A
If appropriate:

Mary Czapla
Instructor

ARGUS PACIFIC, INC / 1900 WEST NICKERSON ST, SUITE 315 / SEATTLE, WASHINGTON 98119 / 206.285.3373 / ARGUSPACIFIC.COM

United States Department of Commerce
National Institute of Standards and Technology

NVLAP®

Certificate of Accreditation to ISO/IEC 17025:2005

NVLAP LAB CODE: 101890-0

Mountain Laboratories

Spokane Valley, WA

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

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).

2017-10-01 through 2018-09-30

Effective Dates

DEPARTMENT OF COMMERCE * UNITED STATES OF AMERICA *

For the National Voluntary Laboratory Accreditation Program