

Coulee Region Environmental, LLC 123 North 4th Street - Suite 202 • La Crosse, Wisconsin • Phone (608) 784-5688 • FAX (608) 784-7350

ASBESTOS PRE-DEMO, **BUILDING INSPECTION & BULK** SAMPLING **INVESTIGATION**

Residential House 423 Charles Court La Crosse, Wisconsin

August 20, 2019



Asbestos Bldg. Inspection & Bulk Sampling Investigation

Residential House 423 Charles Court La Crosse, Wisconsin

Project Number AS195248 August 20, 2019

Prepared For:

Menards, Inc. Tyler Edwards 5101 Menard Drive Eau Claire, WI 54703

Prepared By:

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Richard Stickler

Richard F. Stickler CIH, Wisconsin Asbestos Inspector No. AII-425 Wisconsin Asbestos Management Planner No. AMP-425



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 CRE Bulk Sample Log Forms, EMSL Analytical, Inc., Chain of Custody, Asbestos Bulk Samples Asbestos Bulk Sample Analysis Report, EMSL Analytical, Inc.
CRE Company Asbestos Certifications WI Asbestos Inspector & Management Planner, Richard Stickler
EMSL Analytical, Inc., NVLAP Accreditation Statement Bulk Sample Analysis, PLM
WDNR Pre-Demolition Environmental Checklist, DNR Publication WA-651-07 Electronic Copy

ASBESTOS PRE-DEMOLITION BUILDING INSPECTION, BULK SAMPLING & HAZMAT INSPECTION

MENARDS, INC. RESIDENTIAL HOUSE 423 Charles Ct., La Crosse, WI

Project # AS195248 August 19, 2019

Background/Scope

Asbestos pre-demolition building inspection and bulk sampling was performed at a residential house located at 423 Charles Court, City of La Crosse, La Crosse County, Wisconsin on July 31, 2019 by Rick Stickler, Industrial Hygienist (Author) of Coulee Region Environmental LLC (hereafter, CRE). This pre-demolition asbestos inspection was performed at the request of Tyler Edwards representing Menards, Inc. This building is slated for demolition immediately following the inspection after any necessary asbestos abatement and state asbestos notification.

During the inspection process, suspect Asbestos Containing Materials (ACMs) were identified. U.S. Environmental Protection Agency (EPA), The State of Wisconsin and the U.S Dept of Labor - OSHA, each have specific standards for identification, hazard communication, abatement and disturbance of asbestos containing materials involved in renovation and demolition projects. The U.S. EPA's National Emissions Standards for Hazardous Air Pollutants (NESHAP, 40 CFR Part 61), requires building owners to inspect for the presence of ACM in areas of the buildings where demolition activities will take place. This investigation survey and report is intended for use in assisting with compliance with EPA's NESHAP regulation. In Wisconsin, the Department of Natural Resources (WDNR) enforces the control of asbestos emissions through Chapter 447, Control of Asbestos Emissions of the Wisconsin Administrative Code. This report will identify which building materials do and do not contain asbestos, which regulated asbestos containing materials (RACM) materials are recommended to be removed by a qualified asbestos abatement contractor prior to the start of the project, protocol to follow if previously inaccessible suspect asbestos containing materials are made accessible by demolition activities, and opinions of cost. Non-friable Category I ACM (resilient asbestos containing materials) may also have to be removed depending upon condition, and/or Non-friable Category II (rigid, cement-like asbestos containing materials) are likely to have to be removed if they are to be made friable by demolition activities. Prior to demolition of buildings, the building owner may also need to identify and remove any material solid or hazardous waste using the WDNR Pre-Demolition Environmental Checklist, WDNR Publication WA-651-07, which is attached for Menards as helpful guidance information. Compliance with other, non-asbestos EPA/Wisconsin Hazardous Waste Regulations is not part of the CRE scope of work for this project.

Services performed by CRE technical staff for this project have been conducted in a manner consistent with that level of care ordinarily exercised by members of the profession currently practicing in this area under similar budget and time constraints. No warranty, expressed or implied, is made.

Methods and Materials

A room-by-room inspection and bulk sampling was performed throughout the Subject Property, visually noting the presence of and physically touching the materials to determine the friability and condition of suspect Asbestos Containing Materials (ACMs) inventoried during the inspections. The inspections and bulk sampling were performed by Rick Stickler, CIH, State of Wisconsin Asbestos Inspector and Management Planner Accreditation Nos. AII-425 and AMP-425.

Sampling techniques were performed in accordance with EPA 40 CFR Part 763.86. During the inspection phase, materials suspect for asbestos content were identified. Three samples of each "suspect" homogeneous material per homogeneous area were collected in order to determine if asbestos is or is not present in amounts greater than 1% by volume in miscellaneous suspect materials. Where surfacing material is present, the number of samples to be collected to be statistically significant is based upon the square footage of the surfacing material. Thermal System Insulation requires 3 negative samples to disprove the material for asbestos. More than one sample negative for asbestos content for miscellaneous materials is necessary to determine that a suspect material does not contain asbestos. If asbestos is present in concentrations greater than 1% in any of the samples collected, then the material is considered to be asbestos containing material (ACM). This method is understood and accepted by the U.S. EPA, and the Wisconsin Departments of Health Services and Natural Resources. OSHA considers any amount of asbestos significant, basing exposure and regulated area requirements upon personal air monitoring for asbestos.

All samples were collected via wet methods and then double bagged as required by the aforementioned standard. Each bag was labeled with a bulk sample number. The samples were then transcribed onto the Bulk Sample Log Form with the sample number, sample location, date collected, project number, name of person performing the sampling, building address, and facility identification. Sample locations were marked on building materials with a water resistant marker.

Using proper chain of custody, the samples were mailed to EMSL Analytical of Indianapolis, Indiana, a certified laboratory with accreditations from the American Industrial Hygiene Association (AIHA) and the National Voluntary Laboratory Accreditation Program (NVLAP). The samples were analyzed using Polarized Light Microscopy (PLM) and Dispersion Staining Techniques using EPA Method 600. Please refer to Attachment Section to review Bulk Sample Log Forms, EMSL Analytical, Inc. Reports and pertinent certifications. The laboratory will layer samples that have distinctively different layered appearance. CRE has no control over how a laboratory layers its sample analysis. Bulk Samples analyzed by the laboratory and reported with inconclusive result findings (1% or less asbestos content) may need to have the asbestos content confirmed by use of a more accurate test method, such as EPA Method 600/R-93/116 (otherwise known as a "EPA 400 Point Count). CRE will consult with the client on any matters involving samples with inconclusive results.

Findings

Asbestos

The subject residential house is located at 423 Charles Court, City of La Crosse, La Crosse County, Wisconsin 54603. There is a detached garage at the southwest corner of the house, which is included in the scope of work for this project. The property is just less than 1 acre.

The Subject Building has a nearly full basement (the east end underneath the porch is unexcavated), full 1st floor level, and full attic, built sometime in the 30's or 40's. The subject house has concrete block foundation, basement concrete slab that was under water at the time of inspection with wood joist and deck floors, wood stick built framing, roof deck, hardwood flooring over wood subfloor on the 1st floor level, and plaster walls and ceilings. The attic has subfloor boards over the joists with loose fill insulation and fiberglass blown into the joist spaces. The attic flooring has older, various patterns of black felt backed linoleum that is suspect for asbestos content. No vermiculite was observed to be present in building walls, or in the attic or within the basement concrete block.

The exterior of the building has a black felt against the wood sheeting, a wood lap siding, and suspect asbestos Transite brand cement board siding and a black felt backer over the lap siding. The rear porch interior and exterior still has the wood lap siding exposed with no Transite present. The soffit and facia are painted wood with a conventional tab shingle and felt roofing materials. The windows have been replaced with exception of the original double hung glazed windows in the living room and bedroom facing the rear porch. The window glazing on these original windows is suspect and was bulk sampled for asbestos. None of the replacement windows has any suspect window glazing. The owner requested that the roof not be sampled until a time that is closer to demolition time. It is not known if there are multiple layers of roofing. All roofing materials are assumed to contain asbestos until bulk samples for asbestos are collected.

This house has been remodeled over time. Various materials including wall paneling, acoustical ceiling tile ceilings and flooring materials have been installed over the original hardwood and plaster materials. There is ceramic wall tile, adhesive and grout in the bathroom that appears to be original. Any original heating systems and water heaters have been removed and replaced with newer systems including a pellet stove and new water heater and electric baseboard heaters. The electrical system appears to have been rewired with newer breaker panel and switches. Lighting fixtures have been replaced.

The garage appears to be original or added many years ago. It has a stick built wood frame and deck on concrete blocks and was appears to be an unexcavated floor with plywood sheeting placed over the cinder or gravel surface. There is an electrical system with an old 60 amp fusebox that is suspect for asbestos but assumed to be energized and was not bulk sampled or opened up for inspection. The garage has a conventional tab shingle roof and felt that appears to have the same materials as the house and is assumed to contain asbestos, until it is bulk sampled.

There is no thermal pipe insulation straight runs or fittings found to be present in this house. Keep an eye out for pipe insulation that may be buried within walls or between floors when demolishing this house.

Based on the asbestos building inspection, the following materials were identified as suspect for asbestos content:

A. Suspect Materials for Asbestos:

Residential House 423 Charles Ct., La Crosse & Garage

- Plaster walls/ceilings, original, off white & yellow, all occupied areas.
- Window Glazing Compound, Original Double Hung Windows
- 12" x 12" Acoustical Ceiling Tile/T&G
- Linoleum Core #1: White & Grey Sq. Pattern & Gray Backer, Laundry
- 12" x 12" Vinyl Floor Tile Green Yellow Mastic/Black Felt, all rms ex.LR/BR
- 4" Ceramic wall tile, Brown Adhesive & Grey Grout, Bathroom
- Transite cement board siding gray, black felt, tan/blk/silver backer, exterior
- Exterior Felt, Black, & brown felt behind wood wall lap siding.
- Attic insulation white, loose blown-in below floor boards in Attic, fluffy.
- Attic insulation brown, loose blown-in below floor boards in Attic, wool like.
- Linoleum Core #2 Attic: Wood, Light, Dk Pattern & Blk/Brwn Backer, Attic
- Linoleum Core #3 Bedroom: White & Gold Pattern & Brown Backer
- Brown Paper/felt, Attic Floor
- · Garage Asphalt Siding, Brown/Black, behind vinyl siding, & black felt
- Exterior Roof Tab Shingles Brown, Black Roofing Felt (ASSUMED)
- Incandescent Ceiling Light Fixtures, Asbestos Paper Backing (ASSUMED)
- Electrical Fuse Box Insulation, Garage (ASSUMED)
- B. Results for Asbestos Samples:
 - 1. Samples testing **positive** or assumed to have asbestos content:

(Material sampled and analyzed as positive for asbestos content, greater than 1% asbestos.)

Residential House 423 Charles Ct., La Crosse & Garage

- Transite cement board siding gray, black felt, tan/blk/silver backer, exterior
- Exterior Roof Tab Shingles Brown, Black Roofing Felt (ASSUMED)
- Electrical Fuse Box Insulation, Garage (ASSUMED)

2. Samples <u>negative</u> for asbestos content: (see Laboratory Results, Bulk Sample Log Form)

Residential House 423 Charles Ct., La Crosse & Garage

- Plaster walls/ceilings, original, off white & yellow, all occupied areas.
- Window Glazing Compound, Original Double Hung Windows
- 12" x 12" Acoustical Ceiling Tile/T&G

- Linoleum Core #1: White & Grey Sq. Pattern & Gray Backer, Laundry
- 12" x 12" Vinyl Floor Tile Green Yellow Mastic/Black Felt, all rms ex.LR/BR
- 4" Ceramic wall tile, Brown Adhesive & Grey Grout, Bathroom
- Exterior Felt, Black, & brown felt behind wood wall lap siding.
- Attic insulation white, loose blown-in below floor boards in Attic, fluffy.
- Attic insulation brown, loose blown-in below floor boards in Attic, wool like.
- Linoleum Core #2 Attic: Wood, Light, Dk Pattern & Blk/Brwn Backer, Attic
- Linoleum Core #3 Bedroom: White & Gold Pattern & Brown Backer
- Brown Paper/felt, Attic Floor
- Garage Asphalt Siding, Brown/Black, behind vinyl siding, & black felt

Conclusions

1. Materials that Contain friable asbestos (sampled or assumed) are RACM and must be removed from the building by a Wisconsin Licensed Asbestos Abatement Contractor prior to demolition, are as follows:

<u>Friable</u>

• Electrical Service Fuse Box, Garage (ASSUMED)

Category II Non-friable

• Transite brand Cement Board Siding 20% Asbestos Note: Exterior Siding contains Transite asbestos cement board & will need to be removed & disposed by a Wisconsin Licensed Asbestos Abatement Contractor prior to demolition. Estimate. = 803 ft^2

2. Category I Non-Friable, Regulated Asbestos Containing Materials that contain asbestos in the Subject Rectory House include:

*The conventional asphalt tab shingles on the House & Garage are ASSUMED to contain asbestos. They should be bulk sampled.

All Category I, Non-Friable Asbestos Containing Materials present in this house are in good condition and are likely to hold up to the rigors of demolition. All materials in this house cannot be recycled if the Category I Assumed Roofing Materials remain in the house during demolition. These materials will need to be disposed of in the appropriate disposal location for CAT I asbestos materials at the La Crosse County Landfill if the Roofing materials are demolished with the building. If the building is to undergo a Fire Training Burn, then all RACM must be removed by a State Licensed Asbestos Abatement Contractor prior to the burn including all Category I, Non-friable ACM.

3. Materials that were bulk sampled and listed as negative (None Detected) for asbestos content need no further action and may be demolished with the building.

4. No Vermiculite insulation was observed to be present in these buildings.

5. A 10-working day Pre-Demolition Asbestos Notification will be required to be completed and submitted to the WDNR prior to the start of any asbestos abatement work. This permit once started, will need input from the demolition contractor & will need to be transferred to the demolition contractor once the asbestos abatement is completed.

6. All ACM identified in this report should be handled in accordance with all applicable federal, state and local regulatory requirements. All affected individuals should be trained to use this survey report in conjunction with the facility renovation/demolition plan. This will assist in preventing potential exposure to airborne asbestos fibers, or the creation of an emergency abatement or clean-up operation.

Recommendations

Specific Recommendations are as follows:

Asbestos Containing Materials

1. Have a qualified Wisconsin Licensed Asbestos Abatement Contractor remove all Friable and all Transite Category II, Non-friable asbestos containing materials listed in this report and summarized in the Conclusions Section, prior to disturbance by demolition. If a Fire Training burn is conducted, then all identified asbestos containing materials must be removed, prior to the burn by the qualified asbestos abatement contractor including any Category I Non-Friable Asbestos Containing Materials (Roofing Shingles). The 60 amp fuse box in the Garage is recommended to be inspected, with any suspect materials bulk sampled for asbestos once the electrical systems are de-energized before demolition.

2. If this building is to be demolished, the identified Category I-Non-friable asbestos containing materials may remain in and be disposed with all other building materials at a WDNR approved Construction & Demolition (C & D) Landfill provided that a water stream from a fire hose be used to wet fugitive dust emissions during demolition (EPA NESHAPS Requirement).

3. The tab shingle roofing materials on both the house and garage are recommended to be bulk sampled for asbestos, and have significant chance of negative results.

4. All building materials tested that were reported "None Detected" for asbestos content may be demolished and disposed of in a landfill for construction and demolition materials. They do not contain asbestos. The demolition contractor for this job should keep an eye out for unforeseen ACM materials that may surface from previously inaccessible areas. If suspect unforeseen ACM materials are encountered, stop work in that area, do not disturb those suspect materials and Contact the CRE Asbestos Inspector to identify the suspect material.

5. A WDNR Notification of Demolition, must be completed and filed with the WDNR 10 working days prior to abatement or demolition, regardless if there is asbestos or not. The asbestos abatement contractor can complete and file this form. Demolition contractor information and the destination of the building construction materials will be required on this form. There are big fines for not submitting this form before the start of abatement and demolition. Burning this structure is not recommended. <u>All</u> ACM must be removed prior to a fire training burn.

6. This report should be kept on file with project records in the event that regulatory officials wish to review the asbestos status of materials being transported to landfills.

7. Use of a WDNR Pre-Demolition Environmental Checklist is strongly recommended to supplement this report by the owner. Hazmat inspection was not part of the scope of work for this project.

References

State of Wisconsin, Department of Health Services (WDHS), <u>Asbestos Training & Certification</u> <u>Rule</u> Wisconsin Administrative Code, Chapter HFS 159,

State of Wisconsin, Department of Natural Resources (WDNR), <u>Pre-Demolition Environmental</u> <u>Checklist, DNR Publication WA-651-07</u>.

State of Wisconsin, Department of Natural Resources (WDNR), <u>Control of Asbestos Emissions</u>, <u>Wisconsin Administrative Code – NR-447</u>.

U.S. Department of Labor, Occupational Health & Safety Administration (OSHA), <u>29 CFR</u> <u>1926.1101, Construction Standard – Asbestos</u>

U.S. Department of Labor, Occupational Health & Safety Administration (OSHA), <u>29 CFR</u> <u>1926.59, Construction Standard - Hazard Communication</u>.

U.S. Environmental Protection Agency, <u>40 CFR Part 61</u>, <u>Subpart M</u>, <u>National Emissions</u> <u>Standards for Hazardous Air Pollutants</u> (NESHAPS).





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Appendices

Appendix A

- CRE Bulk Sample Log Form,

- EMSL Analytical, Inc., Chain of Custody, Asbestos Bulk Samples

- Asbestos Bulk Sample Analysis Report, EMSL Analytical, Inc. OrderID: 161915502

15502 Pagelob Coulee Region Environmental, LLC 123 North 4th Street - Sulte 202 . La Crosse, Wisconsin . Phone (608) 784-5688 **Bulk Sample Log Form** Churles G. LACOSSE US 2 Facility ID:12 Project No: Analysis Requested: PLM, EPA 600 Collected By: Rick Stickler _Date Collected: 7-31-19 Date Submitted: State Certification: All-00425 Submitted To: EMSL Analytical, Inc. Carries: Fed Ex Submitted By: Rick Stickler, With Sta _Signature/ Date Received: Received By: Location & Description Bulk Sample Homogeneous Number of Bulk Sample Area eurs Per leda Vou uTh. woou Boat Arrink

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OrderID: 161915502

15.502 Days 2063 Coulee Region Environmental, LLC 123 North 4th Street - Suite 202 . La Crosse, Wisconshi . Phone (608) 784-5688 **Bulk Sample Log Form** les Ct, LA Crosse, W/ Project No: Facility ID: T. Analysis Requested: PLM, EPA 600 Collected By: Rick Stickler -2014 State Certification: AII-00425 Date Collected: ZDate Submitted: Submitted To: EMSL Analytical, Inc Carrier: Fed Ex Submitted By: Rick Stickler, Signatu Date Received: Received By Bulk Sample Location & Description Homogeneous Number of Bulk Sample Gu Alez eltrack Paqe 3 Of

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i	(Bulk Sample Log Form)								
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f	Analysis Requ	ested: PLM, EPA 600 Collected By: Rick Stickler							
Ì	State Certifica	tion: <u>AII-00425</u> Date Collected: <u>2-3(-70)</u> Date Submitted: <u>8</u>	-2-2019						
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	Submitted By	Rick Stickler, The Signature Recht	siller						
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Asbestos Chain of Custody EMSL Order Number (Lab Use Only):

61915502

EMSL ANALYTICAL, INC. - 6340 CASTLEPLACE DR INDIANAPOLIS, IN 46250 PHONE: (317)803-2997 FAX: (317)803-3047

Company Name : Coulee Region Environmental LLC		EMSL Customer ID: MIDW52			
Street: 401 Main Street, Suite 503		City: La Cro	sse	State/Provin	ice: WI
Zip/Postal Code: 54601	Country: USA	Telephone #: 608 792 8672 Fax #:			
Report To (Name): Rick Stickler		Please Provi	de Results: 🔲 Fax	🛛 🖾 Email	
Email Address: rstickler@crelacross	se.com	Purchase Or	der: A5195	248	
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🔲 w/ OSHA 8hr. TWA	NIOSH 7402		Wipe - ASTM D6	480	
PLM Bulk (reporting limit)	EPA Level II		Carpet Sonicatio	n (EPA 600/J-9	93/167)
PLM EPA 600/R-93/116 (<1%)	□ ISO 10312		Soil/Rock/Vermicul	lite	
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□ NYS 198.8 SOF-V	All Fiber Sizes 🔲 Waste 🔲 Drinking				
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Attn:	Rick Stickler Coulee Region Environn 401 Main St., Suite 503 La Crosse, WI 54601	nental, LLC	Customer ID: Customer PO: Received:	MIDW52 AS195248 08/05/19 9:15 AM
Fax: Project:	(608) 784-7350 MENARD, 423 CHARI	Phone: (608) 782-8655 . ES CT., LACROSSE WI	EMSL Order: EMSL Proj ID: Cust COC ID Project Type:	161915502 Standard

Confirmation of Samples Received

	EMSL		Received		
Cust Sample M73119-1	Order ID 161915502-0001	Test PLM	Date 8/5/2019	TAT 48 Hour	Due Date 8/7/2019
			9:15:00 AM		9:15:00 AM
M73119-2	161915502-0002	PLM	8/5/2019 9:15:00 AM	48 Hour	8/7/2019 9:15:00 AM
M73119-3	161915502-0003	PLM	8/5/2019 9:15:00 AM	48 Hour	8/7/2019 9:15:00 AM
M73119-4	161915502-0004	PLM	8/5/2019 9:15:00 AM	48 Hour	8/7/2019 9:15:00 AM
M73119-5	161915502-0005	PLM	8/5/2019 9:15:00 AM	48 Hour	8/7/2019 9:15:00 AM
M73119-6	161915502-0006	PLM	8/5/2019 9:15:00 AM	48 Hour	8/7/2019 9:15:00 AM
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M73119-8	161915502-0008	PLM	8/5/2019 9:15:00 AM	48 Hour	8/7/2019 9:15:00 AM
M73119-9	161915502-0009	PLM	8/5/2019 9:15:00 AM	48 Hour	8/7/2019 9:15:00 AM
M73119-10	161915502-0010	PLM	8/5/2019 9:15:00 AM	48 Hour	8/7/2019 9:15:00 AM
M73119-11	161915502-0011	PLM	8/5/2019 9:15:00 AM	48 Hour	8/7/2019 9:15:00 AM
M73119-12	161915502-0012	PLM	8/5/2019 9:15:00 AM	48 Hour	8/7/2019 9:15:00 AM
M73119-13	161915502-0013	PLM	8/5/2019 9:15:00 AM	48 Hour	8/7/2019 9:15:00 AM
M73119-14	161915502-0014	PLM	8/5/2019 9:15:00 AM	48 Hour	8/7/2019 9:15:00 AM



Attn:	Rick Stickler Coulee Region Environmental, LLC 401 Main St., Suite 503 La Crosse, WI 54601	Customer ID: Customer PO: Received:	MIDW52 AS195248 08/05/19 9:15 AM
Fax: Project:	(608) 784-7350 Phone: (608) 782-8655 MENARD, 423 CHARLES CT., LACROSSE WI	EMSL Order: EMSL Proj ID: Cust COC ID Project Type:	161915502 Standard

Confirmation of Samples Received

EMSL			Received		
Cust Sample	Order ID	Test	Date	TAT	Due Date
M73119-15	161915502-0015	PLM	8/5/2019 9:15:00 AM	48 Hour	8/7/2019 9:15:00 AM
M73119-16	161915502-0016	PLM	8/5/2019 9:15:00 AM	48 Hour	8/7/2019 9:15:00 AM
M73119-17	161915502-0017	PLM	8/5/2019 9:15:00 AM	48 Hour	8/7/2019 9:15:00 AM
M73119-18	161915502-0018	PLM	8/5/2019 9:15:00 AM	48 Hour	8/7/2019 9:15:00 AM
M73119-19	161915502-0019	PLM	8/5/2019 9:15:00 AM	48 Hour	8/7/2019 9:15:00 AM
M73119-20	161915502-0020	PLM	8/5/2019 9:15:00 AM	48 Hour	8/7/2019 9:15:00 AM
M73119-21	161915502-0021	PLM	8/5/2019 9:15:00 AM	48 Hour	8/7/2019 9:15:00 AM
M73119-22	161915502-0022	PLM	8/5/2019 9:15:00 AM	48 Hour	8/7/2019 9:15:00 AM
M73119-23	161915502-0023	PLM	8/5/2019 9:15:00 AM	48 Hour	8/7/2019 9:15:00 AM
M73119-24	161915502-0024	PLM	8/5/2019 9:15:00 AM	48 Hour	8/7/2019 9:15:00 AM
M73119-25	161915502-0025	PLM	8/5/2019 9:15:00 AM	48 Hour	8/7/2019 9:15:00 AM
M73119-26	161915502-0026	PLM	8/5/2019 9:15:00 AM	48 Hour	8/7/2019 9:15:00 AM
M73119-27	161915502-0027	PLM	8/5/2019 9:15:00 AM	48 Hour	8/7/2019 9:15:00 AM
M73119-28	161915502-0028	PLM	8/5/2019 9:15:00 AM	48 Hour	8/7/2019 9:15:00 AM



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Attn:	Rick Stickler Coulee Region Environment 401 Main St., Suite 503 La Crosse, WI 54601	al, LLC		Customer ID: Customer PO: Received:	MIDW52 AS195248 08/05/19 9:15 AM
Fax: Project:	(608) 784-7350 MENARD, 423 CHARLES	Phone: CT., LAC	(608) 782-8655 ROSSE WI	EMSL Order: EMSL Proj ID: Cust COC ID Project Type:	161915502 Standard

Confirmation of Samples Received

	EMSL		Received		
Cust Sample	Order ID	Test	Date	TAT	Due Date
M73119-29	161915502-0029	PLM	8/5/2019 9:15:00 AM	48 Hour	8/7/2019 9:15:00 AM
M73119-30	161915502-0030	PLM	8/5/2019 9:15:00 AM	48 Hour	8/7/2019 9:15:00 AM
M73119-31	161915502-0031	PLM	8/5/2019 9:15:00 AM	48 Hour	8/7/2019 9:15:00 AM
M73119-32	161915502-0032	PLM	8/5/2019 9:15:00 AM	48 Hour	8/7/2019 9:15:00 AM
M73119-33	161915502-0033	PLM	8/5/2019 9:15:00 AM	48 Hour	8/7/2019 9:15:00 AM
M73119-34	161915502-0034	PLM	8/5/2019 9:15:00 AM	48 Hour	8/7/2019 9:15:00 AM
M73119-35	161915502-0035	PLM	8/5/2019 9:15:00 AM	48 Hour	8/7/2019 9:15:00 AM
M73119-36	161915502-0036	PLM	8/5/2019 9:15:00 AM	48 Hour	8/7/2019 9:15:00 AM
M73119-37	161915502-0037	PLM	8/5/2019 9:15:00 AM	48 Hour	8/7/2019 9:15:00 AM
M73119-38	161915502-0038	PLM	8/5/2019 9:15:00 AM	48 Hour	8/7/2019 9:15:00 AM
M73119-39	161915502-0039	PLM	8/5/2019 9:15:00 AM	48 Hour	8/7/2019 9:15:00 AM
M73119-40	161915502-0040	PLM	8/5/2019 9:15:00 AM	48 Hour	8/7/2019 9:15:00 AM
M73119-41	161915502-0041	PLM	8/5/2019 9:15:00 AM	48 Hour	8/7/2019 9:15:00 AM
M73119-42	161915502-0042	PLM	8/5/2019 9:15:00 AM	48 Hour	8/7/2019 9:15:00 AM

EMSL	EMSL Analytical, Inc. 6340 CastlePlace Dr. Indianapolis, IN 46250 Tel/Fax: (317) 803-2997 / (317) 803-3047 http://www.EMSL.com / indianapolislab@emsl.com	EMSL Order: Customer ID: Customer PO: Project ID:	161915502 MIDW52 AS195248
Attention:	Rick Stickler	Phone:	(608) 782-8655
	Coulee Region Environmental, LLC	Fax:	(608) 784-7350
	401 Main St., Suite 503	Received Date:	08/05/2019 9:15 AM
	La Crosse, WI 54601	Analysis Date:	08/06/2019 - 08/07/2019
		Collected Date:	07/31/2019

Project: MENARD, 423 CHARLES CT., LACROSSE WI

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

			Asbestos		
Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Туре
M73119-1-Finish Coat	Plaster wall It grey rough coat off white thin coat basement stairs	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
M73119-1-Base Coat 161915502-0001A Result includes a small amou	Plaster wall It grey rough coat off white thin coat basement stairs int of insegarable attached ma	Gray Non-Fibrous Homogeneous teriel	5% Cellulose	20% Quartz 75% Non-fibrous (Other)	None Detected
M73119-2-Finish Coat	Plaster wall It grey	\//hite		100% Non fibrous (Other)	None Detected
161915502-0002	rough coat off white thin coat 1st hall	Non-Fibrous Homogeneous		100% Non-tibious (Other)	None Detected
M73119-2-Base Coat 161915502-0002A Result includes a small amou	Plaster wall It grey rough coat off white thin coat 1st hall nt of inseparable attached ma	Gray Non-Fibrous Homogeneous terial	5% Cellulose	20% Quartz 75% Non-fibrous (Other)	None Detected
M73119-3-Finish Coat	Plaster wall It grey rough coat off white thin coat 1st hall south of 32	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
M73119-3-Base Coat 161915502-0003A	Plaster wall It grey rough coat off white thin coat 1st hall south of 32	Gray Non-Fibrous Homogeneous	5% Cellulose	20% Quartz 75% Non-fibrous (Other)	None Detected
Result includes a small amou	nt of inseparable attached ma	terial			
M73119-4 161915502-0004	Window glazing compound front porch DH south	Gray/Green Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
M73119-5	Window glazing compound front porch	Gray/Green Non-Fibrous		100% Non-fibrous (Other)	None Detected
M73119-6 161915502-0006	Window glazing compound front porch DH north	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
M73119-7 161915502-0007	12"x12" acoustical ceiling tile panel #1/even depression pattern kacki bedroom	Tan/White Fibrous Homogeneous	95% Cellulose	5% Non-fibrous (Other)	None Detected
M73119-8 161915502-0008	12"x12" acoustical ceiling tile panel #1/even depression pattern kacki bedroom	Tan/White Fibrous Homogeneous	95% Cellulose	5% Non-fibrous (Other)	None Detected
M73119-9 161915502-0009	12"x12" acoustical ceiling tile panel #1/even depression pattern laundry kacki	Tan/White Fibrous Homogeneous	95% Cellulose	5% Non-fibrous (Other)	None Detected



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 Customer PO:
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Project ID:

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

			Asbestos		
Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Туре
M73119-10	Linoleum #1 white & grey square pattern &	Gray/Beige Fibrous	30% Cellulose 5% Glass	65% Non-fibrous (Other)	None Detected
161915502-0010	grey backer laundry	Heterogeneous			
M73119-11	Linoleum #1 white & grey square pattern &	Gray/Beige Fibrous	30% Cellulose 5% Glass	65% Non-fibrous (Other)	None Detected
161915502-0011	grey backer laundry	Heterogeneous			
M73119-12	Linoleum #1 white & grey square pattern &	Gray/Beige Fibrous	30% Cellulose 5% Glass	65% Non-fibrous (Other)	None Detected
161915502-0012	grey backer laundry	Heterogeneous			
M73119-13-Floor Tile	12"x12" vinyl floor tile & black masti felt	Green Non-Fibrous		100% Non-fibrous (Other)	None Detected
161915502-0013	bathroom	Homogeneous			
M73119-13-Mastic	12"x12" vinyl floor tile & black masti felt	Yellow Non-Fibrous		100% Non-fibrous (Other)	None Detected
161915502-0013A	bathroom	Homogeneous			
M73119-13-Felt	12"x12" vinyl floor tile & black masti felt hathroom	Black Fibrous Homogeneous	60% Cellulose	40% Non-fibrous (Other)	None Detected
M72110 14 Eleas Tile	10%40% view! fle as tile	Create			
161915502-0014	& black masti felt hall	Non-Fibrous		100% Non-fibrous (Other)	None Detected
M73119-14-Mastic	12"x12" vinyl floor tile	Yellow		100% Non-fibrous (Other)	None Detected
161915502-0014A	& black masti felt hall	Non-Fibrous Homogeneous			
 M73119-14-Felt	12"x12" vinvl floor tile	Black	60% Cellulose	40% Non-fibrous (Other)	None Detected
161915502-0014B	& black masti felt hall	Fibrous Homogeneous			None Delected
M73119-15-Floor Tile	12"x12" vinyl floor tile & black masti felt ball	Green Non-Fibrous		100% Non-fibrous (Other)	None Detected
161915502-0015		Homogeneous			
M73119-15-Mastic	12"x12" vinyl floor tile & black masti felt hall	Yellow Non-Fibrous		100% Non-fibrous (Other)	None Detected
161915502-0015A		Homogeneous			
M73119-15-Felt	12"x12" vinyl floor tile & black masti felt hall	Black Fibrous	60% Cellulose	40% Non-fibrous (Other)	None Detected
161915502-0015B		Homogeneous			
M73119-16-Ceramic Tile	4" ceramic wall tile & brown adhesive &	White Non-Fibrous		100% Non-fibrous (Other)	None Detected
161915502-0016	grey grout batti	Homogeneous			
M73119-16-Adhesive	4" ceramic wall tile & brown adhesive &	Brown/Tan Non-Fibrous		100% Non-fibrous (Other)	None Detected
161915502-0016A	grey grout bath	Homogeneous			
M73119-16-Grout	4" ceramic wall tile & brown adhesive &	Tan/White Non-Fibrous		5% Quartz 95% Non-fibrous (Other)	None Detected
161915502-0016B	grey grout bath	Homogeneous			
M73119-17-Ceramic Tile	4" ceramic wall tile & brown adhesive & grey grout bath	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
161915502-0017					
M73119-17-Adhesive	4" ceramic wall tile & brown adhesive &	Brown/Tan Non-Fibrous		100% Non-fibrous (Other)	None Detected
161915502-0017A	grey grout bath	Homogeneous			
M73119-17-Grout	4" ceramic wall tile & brown adhesive &	Gray/White Non-Fibrous		10% Quartz 90% Non-fibrous (Other)	None Detected

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Project ID:

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

			Non-Asbestos		Asbestos	
Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Туре	
M73119-18-Ceramic Tile	4" ceramic wall tile & brown adhesive & grey grout bath	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected	
161915502-0018	All a second second little . 0					
161915502-0018A	4 ceramic wait file & brown adhesive & grey grout bath	Brown/Tan Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected	
M73119-18-Grout	4" ceramic wall tile &	W/hite		5% Quartz	None Detected	
161915502-0018B	brown adhesive &	Non-Fibrous Homogeneous		95% Non-fibrous (Other)	None Detected	
M73119-19-Transite	Grev transite cement	Grav		80% Non-fibrous (Other)	20% Chrysotile	
161915502-0019	board siding & black felt backer & foil & brown paper backer entry	Fibrous Homogeneous	29			
M73119-19-Felt	Grey transite cement	Black	70% Cellulose	30% Non-fibrous (Other)	None Detected	
161915502-0019A	felt backer & foil & brown paper backer entry	Homogeneous				
M73119-19-Backing	Grey transite cement	Tan/Black/Silver	90% Cellulose	10% Non-fibrous (Other)	None Detected	
161915502-0019B	board siding & black felt backer & foil & brown paper backer entry	Fibrous Homogeneous				
M73119-20-Felt	Black felt backer &	Black	70% Cellulose	30% Non-fibrous (Other)	None Detected	
161915502-0020	brown paper & foild backer behidn transite	Fibrous Homogeneous				
M73119-20-Backing	Black felt backer & brown paper & foild	Tan/Black/Silver Fibrous	90% Cellulose	10% Non-fibrous (Other)	None Detected	
M73119.21 Folt	Black folt backer 8	Plack	CON Collulate			
161915502-0021	brown paper & foild backer behidn transite	Fibrous Homogeneous	00 % Centilose	40% Non-Horous (Other)	None Delected	
M73119-21-Backing	Black felt backer &	Tan/Black/Silver	90% Cellulose	10% Non-fibrous (Other)	None Detected	
161915502-0021A	backer behidn transite	Homogeneous				
M73119-22	Black felt behind ext lap siding behind	Black Fibrous	70% Cellulose	30% Non-fibrous (Other)	None Detected	
161915502-0022	transite at rear entry	Homogeneous				
M73119-23	Black felt behind ext lap siding behind transite 1' p of #22	Black Fibrous	70% Cellulose	30% Non-fibrous (Other)	None Detected	
M73110 24	Block folt behind out	Romogeneous	700/ 0-11-1			
161915502-0024	lap siding behind transite 6" below #23	Fibrous	70% Cellulose	30% Non-fibrous (Other)	None Detected	
M73119-25	Attic loose fill	Grav	5% Cellulose	5% Non-fibrous (Other)	None Detected	
161915502-0025	insulation white fluffy #1 east end	Fibrous Homogeneous	90% Min. Wool		None Deletted	
M73119-26	Attic loose fill insulation white fluffy	Gray Fibrous	5% Cellulose 90% Min. Wool	5% Non-fibrous (Other)	None Detected	
161915502-0026	#1 south end	Homogeneous				
M73119-27	Attic loose fill insulation white fluffy	Gray Fibrous	5% Cellulose 90% Min. Wool	5% Non-fibrous (Other)	None Detected	
161915502-0027	#1 west end	Homogeneous				
M73119-28	Attic loose fill insulation brown wool like #2 east	Tan Fibrous	98% Cellulose	2% Non-fibrous (Other)	None Detected	
	1110 #2 0031	nomogeneous				

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Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

			<u>N</u> on-Asbe	stos	Asbestos
Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Туре
M73119-29	Attic loose fill insulation brown wool	Tan Fibrous	98% Cellulose	2% Non-fibrous (Other)	None Detected
161915502-0029	like #2 south	Homogeneous			
M73119-30	Attic loose fill insulation brown wool	Tan Fibrous	98% Cellulose	2% Non-fibrous (Other)	None Detected
161915502-0030	like #2 west	Homogeneous			
M73119-31	Attic lino #2 black/brown backer	Brown/Red/Black Fibrous	30% Cellulose	70% Non-fibrous (Other)	None Detected
161915502-0031	wood pattern	Heterogeneous			
M73119-32	Attic lino #2 black/brown backer	Brown/Red/Black Fibrous	30% Cellulose	70% Non-fibrous (Other)	None Detected
M72110 22	Attic line #0	Recurr / Red / Risch	200% Oallulara		New Delevier
161915502-0033	Attic lino #2 black/brown backer dk pattern	Brown/Red/Black Fibrous Heterogeneous	30% Cellulose	70% Non-fibrous (Other)	None Detected
M72110 24	Brown papar/falt attic	Brown/Black	00% Collulana	100/ Nee Sheeve (Other)	Nega Detected
161915502-0034	floor north	Fibrous	90% Cellulose	10% Non-librous (Other)	None Detected
M73119-35	Brown paper/felt attic	Brown	90% Cellulose	10% Non-fibrous (Othor)	None Detected
161915502-0035	floor south	Fibrous Homogeneous	30 % Centrose		None Delected
M73119-36	Brown paper/felt attic	Brown/Black	90% Cellulose	10% Non-fibrous (Other)	None Detected
161915502-0036	floor west	Fibrous Homogeneous			
M73119-37-Siding	Brown/blk asphalt siding garage	Tan/Black Fibrous	30% Cellulose	70% Non-fibrous (Other)	None Detected
161915502-0037		Heterogeneous			
M73119-37-Felt	Brown/blk asphalt siding garage	Black Fibrous	60% Cellulose	40% Non-fibrous (Other)	None Detected
161915502-0037A		Homogeneous			
M73119-38-Siding	Brown/blk asphalt siding garage	Tan/Black Fibrous	30% Cellulose	70% Non-fibrous (Other)	None Detected
161915502-0038		Heterogeneous			
M73119-38-Felt	Brown/blk asphalt siding garage	Black Fibrous	60% Cellulose	40% Non-fibrous (Other)	None Detected
161915502-0038A		Homogeneous			
161915502-0039	Brown/blk asphalt siding garage	Tan/Black Fibrous	30% Cellulose	70% Non-fibrous (Other)	None Detected
M73110 30 Ealt	Brown/blk paphait	Pleak	60% Cellulara	400/ bloc filmene (Others)	
161915502-0039A	siding garage	Fibrous Homogeneous	00% Cellulose	40% Non-horous (Other)	None Detected
M73119-40-Linoleum	Lino #3 white & gold	White/Green	30% Cellulose	65% Non-fibrous (Other)	None Detected
161915502-0040	pattern linoleum floor & brown backer	Fibrous Heterogeneous	5% Glass		
	bedroom				
M73119-40-Backing	Lino #3 white & gold pattern linoleum floor	Brown Fibrous	95% Cellulose	5% Non-fibrous (Other)	None Detected
101913502-0040A	bedroom	Homogeneous			
M73119-40-Mastic	Lino #3 white & gold	Brown		100% Non-fibrous (Other)	None Detected
161915502-0040B	& brown backer bedroom	Homogeneous			
M73119-41-Linoleum	Lino #3 white & gold	White/Green Fibrous	30% Cellulose 5% Glass	65% Non-fibrous (Other)	None Detected
161915502-0041	& brown backer bedroom	Heterogeneous	070 01000		
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Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

			Non-Asbe	stos	Asbestos
Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Туре
M73119-41-Backing	Lino #3 white & gold pattern linoleum floor & brown backer bedroom	Brown Fibrous Homogeneous	95% Cellulose	5% Non-fibrous (Other)	None Detected
M73119-41-Mastic	Lino #3 white & gold pattern linoleum floor & brown backer bedroom	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
M73119-42-Linoleum	Lino #3 white & gold pattern linoleum floor & brown backer bedroom	White/Green Fibrous Heterogeneous	30% Cellulose 5% Glass	65% Non-fibrous (Other)	None Detected
M73119-42-Backing	Lino #3 white & gold pattern linoleum floor & brown backer bedroom	Brown Fibrous Homogeneous	95% Cellulose	5% Non-fibrous (Other)	None Detected
M73119-42-Mastic	Lino #3 white & gold pattern linoleum floor & brown backer bedroom	Brown Non-Fibrous Homogeneous	2% Synthetic	98% Non-fibrous (Other)	None Detected

Analyst(s)

Ross Matlock (47) Trevor Maggart (23)

Richard Harding, Laboratory Manager or Other Approved Signatory

EMSL maintains liability limited to cost of analysis. The above analyses were performed in general compliance with Appendix E to Subpart E of 40 CFR (previously EPA 600/M4-82-020 "Interim Method"), but augmented with procedures outlined in the 1993 ("final") version of the method. This report relates only to the samples reported above, and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility of the client, All samples received in acceptable condition unless otherwise noted. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST or any agency of the federal government. EMSL recommends gravimetric reduction for all non-friable organically bound materials prior to analysis. Estimation of uncertainty is available on request.

Samples analyzed by EMSL Analytical, Inc. Indianapolis, IN NVLAP Lab Code 200188-0, AZ0939, CA 2575, CO AL-15132, TX 300262

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Company Certificate

This certifies that

COULEE REGION ENVIRONMENTAL LLC

123 4TH ST N STE 202 LA CROSSE WI 54601-3236

is certified under ch. DHS 159, Wis.Adm.Code as a

Asbestos Company -- Primary

Certificate Issue Date: 04/24/2019 Expiration Date: 04/12/2021, 12:01 a.m. Certification #: CAP-2186440

Wisconsin Department of Health Services Division of Public Health Bureau of Environmental and Occupational Health Asbestos & Lead Section PO Box 2659 Madison WI 53701-2659 Phone: (608) 261-6876



miniam A

Miriam Hasan, Unit Supervisor

Au C	Issued By STATE OF WISCONSIN Dept. of Health Services Richard F Stickler W5841 Brickyard Ln La Crosse WI 54601-2204			TIX C	ST D Richard F Sti W5841 Bric. La Crosse W	Issued By STATE OF WISCONSIN Dept. of Health Services Richard F Stickler W5841 Brickyard Ln La Crosse WI 54601-2204		
		190 lbs	6' 02"			190 lbs	6' 02"	
PD-425	Exp: 04/15/2020	09/19/1956		ACS-425	Exp: 04/02/2020	09/19/1956		
raining due l	by: 04/15/2020			Training due l	by: 04/02/2020			
North Contraction	AS ST D Richard F Sti W5841 Briel La Crosse W	BESTOS INSPI Issued By ATE OF WISCO ept. of Health So ekler kyard Ln I 54601-2204	CTOR III IIII IIII IIII IIII IIII IIII II	C C	ASBES ST/ De Richard F Stic W5841 Brick La Crosse WI	TOS MGMIT P Issued by VTE OF WISCOP opt, of Health Serv skler yard Ln 54601-2204	ANNER NSIN vices	
		185 lbs	6' 02"			185 lbs	6' 02"	
<u>II-425</u>	Exp: 10/05/2019	09/19/1956		AMP-425	Exp: 10/05/2019	09/19/1956		
raining due	by: 10/05/2019			Training due b	y: 10/05/2019			
Licen	se Type N PECTOR	lumber 18-1030	Expires 08-10-2019	RICH	ARD STICKLE	R	A	
				DOB	: 09-19-1956			
	e.			Issued	: 09-07-2018	1	ê,	
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Appendices

Appendix C

EMSL Analytical, Inc.,

NVLAP Accreditation Statement Bulk Sample Analysis, PLM







SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

EMSL Analytical, Inc.

6340 Castleplace Dr. Indianapolis, IN 46250 Mr. Richard Harding Phone: 317-803-2997 Fax: 317-803-3047 Email: rharding@emsl.com http://www.emsl.com

ASBESTOS FIBER ANALYSIS

NVLAP LAB CODE 200188-0

Bulk Asbestos Analysis

<u>Code</u>	<u>Description</u>
18/A01	EPA - 40 CFR Appendix E to Subpart E of Part 763, Interim Method of the Determination of Asbestos in Bulk Insulation Samples
18/A03	EPA 600/R-93/116: Method for the Determination of Asbestos in Bulk Building Materials

Airborne Asbestos Analysis

<u>Code</u>

18/A02

Description U.S. EPA's "Interim Transmission Electron Microscopy Analytical Methods-Mandatory and Nonmandatory-and Mandatory Section to Determine Completion of Response Actions" as found in 40 CFR, Part 763, Subpart E, Appendix A.

For the National Voluntary Laboratory Accreditation Program

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Appendices

Appendix D

WDNR

Pre-Demolition Environmental Checklist, DNR Publication WA-651-07 (Electronically Attached)