

# Addendum No. 1

Project:	Building 32 Floors and Door Repairs Building 32 Quartermaster Rd, Camp Murray, WA 98430 State Project #: 2022-619
KMB Job No.:	22080
Issue Date:	August 24, 2023
Bid Date:	September 6, 2023
To:	All Plan Holders
From:	Atika Jain, Project Manager

The following modifications to the Project Manual, Specifications and/or Drawings are to be incorporated into bid proposals that may be offered, and the subsequent construction. Bidders shall assess and include the full impact of the revision(s) on any and all related systems and work. Receipt and incorporation of this Addendum in the bid proposal shall be indicated on the Bid Form in the space provided.

# **GENERAL:**

Item Description

### 1. MODIFICATIONS TO PRIOR ADDENDA A. No prior addenda

## 2. PRE-BID PARTICIPANTS:

**A.** The Pre-Bid walk through was not mandatory. A copy of the sign-in sheet of Participants (1 page) is attached to this Addendum.

## 3. GENERAL OBSERVATIONS

**A.** The bidders are instructed to have a monetary value for the separate price row of "Trench Excavation Safety Provisions" in the bid form as that will be already included in the base bid. N/A won't be acceptable.

## 4. PRE-BID QUESTIONS & ANSWERS

Questions posed during pre-bid meeting and answers provided.

Question: Is there going to be any phasing required for the work area?

**Answer:** There will be no phasing required for the work area. The contractor will have access to the entire work area for their work. The other parts of the building which do not fall under the work area will be occupied.

Question: Will the contractor be required to get their own fans?

**Answer:** The contractor will be responsible for keeping the dust out of the occupied spaces. The contractor will work with the facility manager to manage the shared mechanical system. The contractor might be able to work with the rolling doors open or get their own fans if required.

Question: Will the contractor be required to secure the racks back after the project is completed?

**Answer:** The owner will place the racks at the required location once the project is completed. The contractor will be required to coordinate with the owner to anchor the racks (approx.1 anchor bolt per base plate) back to the floor.

# DRAWINGS:

## ARCHITECTURAL DRAWINGS

- 5. Sheet AD101, PARTIAL DEMOLITION PLAN
  - A. Work Area Demolition Notes Note 2 <u>REPLACE</u> with All existing racks and loose furniture will be removed by the owner.
    - Contractor shall be responsible for cutting the existing anchor bolts which are securing the racks currently. The bolts needs to be cut even to the floor and surface to be prepared for receiving new flooring.

# **PROJECT MANUAL:**

### 6. DIVISION 00 - PROCUREMENT AND CONTRACTING REQUIREMENTS

- A. Section 00110- TABLE OF CONTENT
  - 1) <u>ADD</u> section number 003126 Existing Hazardous Material Information
  - 2) ADD section number 003127 Existing Hazardous Material Survey Report
  - 3) ADD section number 011110 Summary of Hazardous Material Work
  - 4) ADD section number 028313 Lead Related Activities
- B. Section 004113- BID FORM, FORM CONTRACTOR CERTIFICATION, WAGE THEFT PREVENTION RESPONSIBLE BIDDER CRITERIA FORM

1) **<u>REMOVE</u>** BID FORM and <u>**REPLACE**</u> with attached BID FORM

### END ADDENDUM NO. 1

This Addendum is being distributed to all listed plan holders. Recipients are responsible for dissemination of this information to all affected sub-bidders, suppliers, etc.

### Enclosures:

- 1) Pre-Bid walk through sign in sheet (1 pages)
- 2) Section 00110- TABLE OF CONTENT (3 pages)
- 3) Section 003126- EXISTING HAZARDOUS MATERIAL INFORMATION (2 pages)
- 4) Section 003127- EXISTING HAZARDOUS MATERIAL SURVEY REPORT (20 pages)
- 5) Section 004113 BID FORM (2 pages)
- 6) Section 011110- SUMMARY OF HAZARDOUS MATERIAL WORK (2 pages)
- 7) Section 028313- LEAD RELATED ACTIVITIES (4 pages)

Pre-Bid Walk-Through - Sign-In Sheet 906 Columbia Street SW, Suite 400 Otympia, Washington 38501 360.352.8883 www.KMB-architects.com 360-304-6994 antimbing eparted graphen com Guerl 360-304-6995 trolande saye handen com General 405 766 with Time Yapremiciater by the 1 General antily Calm Eut 340 6895772 austin @ painturancen G.C enec / owner 360.620-1732 miller / plannel can G.C 6.0. って 65 AS 566 5397 Seara principara and when CH CAK HIVE CONST 253-617-012 Mice Ban 3 alman with Net Ban schauer lind. 340 840 1984 Take Ban 3 alman wyl. Net Ban schauer lind. 340 840 1984 Jands Oferschlager Bustling Centeminial Contractors Stat-669-9946 Ppauliston Rice-inc. Com 053-677-0142 rickerackhillsbuilds com ZOCH @ comstructing. biz Shap- BAR OPE J.L. Morris const. Sale have yes construct Inc Company/Position acific Tech PRENICR PREFICE Building 32, Quartermaster Rd, Camp Murray, WA 98430 State of Washington, Military Department Building 32 Floors and Door Repairs State Project No. 2022-619 TPPCY MILLER 08/22/2023, 10:00 am RPH HAVEN Paul Orth Tong Roland Rick Peterson Take Breschauer aushin Sugel John Millar Paula Paulistun Zach Romas when Morek SPELL PLANDA 22080 J. architects KMB Job. No.: Date/Time: Project:

### DOCUMENT 000110

### TABLE OF CONTENTS

#### DIVISION 00 – PROCUREMENT AND CONTRACTING REQUIREMENTS

000101 PROJECT TITLE PAGE 000103 PROJECT DIRECTORY 000110 TABLE OF CONTENTS 001113 ADVERTISEMENT FOR BIDS 002113 INSTRUCTIONS TO BIDDERS FOR WASHINGTON STATE FACILITIES CONSTRUCTION 002213 SUPPLEMENTAL BIDDER RESPONSIBILITY CRITERIA FORM 1 CONTRACTOR EXPERIENCE DETAIL FORM 2 RESUME OF KEY PERSONNEL FOR PROPOSED CONTRACT FORM 5 REFERENCE EVALUATION QUESTIONNAIRE FORM 6 SUPPL RESPONSIBILITY CRITERIA EVALUATION SCORE SHEET 003126 EXISTING HAZARDOUS MATERIAL INFORMATION LIMITED HAZARDOUS MATERIALS SURVEY REPORT 004113 BID FORMFORM CONTRACTOR CERTIFICATION, WAGE THEFT PREVENTION -**RESPONSIBLE BIDDER CRITERIA FORM** 006216 CERTIFICATE OF INSURANCE FORM 006294 **INVOICE VOUCHER A19-2AE2** 006313 **REQUEST FOR INFORMATION FORM** 006336 CONSTRUCTION FIELD AUTHORIZATION (FA) FORM 006357 CONTRACT CHANGE ORDER PROPOSAL (COP) FORM 006363 CHANGE ORDER (CO) FORM 006373 REQUEST FOR EQUITABLE ADJUSTMENT IN CONTRACT TIME FORM 007200 GENERAL CONDITIONS FOR WASHINGTON STATE FACILITIES CONSTRUCTION 007343 WAGE RATE REQUIREMENTS 00 7400 SPECIAL CONDITIONS FEDERAL SPECIAL CONDITIONS 007410 ATTACHMENT NO. 1 UNIFIED WASHINGTON MILITARY DEPARTMENT AND NATIONAL GUARD POLICY NO. 10-4 ATTACHMENT A: WMD ENVIRONMENTAL PROGRAM OFFICE SPILL RESPONSE FLOW CHART ATTACHMENT B: SPILL INCIDENT REPORT FORM 194WG SPILL RESPONSE FLOW CHART FOR AIR NATIONAL GUARD ATTACHMENT C: PROPERTY AND PERSONNEL DEBARMENT, SUSPENSION, INELIGIBILITY OR VOLUNTARY EXCLUSION ATTACHMENT NO. 2 CERTIFICATION FORM WMD/WAARNG STANDARD OPERATING PLAN AND PROCEDURES FOR ATTACHMENT NO. 3 THE INADVERTENT DISCOVERY OF POTENTIAL CULTURAL MATERIALS AND HUMAN SKELETAL REMAINS

DIVISION 01 – GENERAL REQUIREMENTS

- 01 1000 SUMMARY
- 011110 SUMMARY OF HAZARDOUS MATERIALS WORK
- 01 2000 PRICE AND PAYMENT PROCEDURES
- 01 2050 CONTRACT MODIFICATION PROCEDURES



01 2500	SUBSTITUTION PROCEDURES
FORM	SUBSTITUTION REQUEST FORM
01 3000	ADMINISTRATIVE REQUIREMENTS
01 4000	QUALITY REQUIREMENTS
014100	REGULATORY REQUIREMENTS
014200	REFERENCES
01 4216	DEFINITIONS
014336	FIELD SAMPLES
01 5000	TEMPORARY FACILITIES AND CONTROLS
01 6000	PRODUCT REQUIREMENTS
01 7000	EXECUTION REQUIREMENTS
017329	CUTTING AND PATCHING
017400	CLEANING AND WASTE MANAGEMENT
01 7800	CLOSEOUT SUBMITTALS AND PROCEDURES
FORM	SUBSTANTIAL COMPLETION CHECKLIST FORM
FORM	CERTIFICATE OF SUBSTANTIAL COMPLETION FORM
FORM	FINAL ACCEPTANCE CHECKLIST FORM

- **DIVISION 02 EXISTING CONDITIONS** 
  - 024119 SELECTIVE DEMOLITION
  - 028313 LEAD-RELATED ACTIVITIES
- DIVISION 03 CONCRETE (NOT USED)
- DIVISION 04 MASONRY (NOT USED)
- DIVISION 05 METALS (NOT USED)
- DIVISION 06 WOOD, PLASTICS, AND COMPOSITES (NOT USED)
- DIVISION 07 THERMAL AND MOISTURE PROTECTION (NOT USED) 079200 JOINT SEALANTS

DIVISION 08 - OPENINGS (NOT USED)

- DIVISION 09 FINISHES
  - 096513 RESILIENT BASE AND ACCESSORIES
  - 096723 RESINOUS FLOORING
  - 099600 HIGH-PERFORMANCE COATINGS
- DIVISION 10 SPECIALTIES (NOT USED)
- DIVISION 11 EQUIPMENT (NOT USED)
- DIVISION 12 FURNISHINGS (NOT USED)
- DIVISION 13 SPECIAL CONSTRUCTION (NOT USED)
- DIVISION 14 CONVEYING EQUIPMENT (NOT USED)



DIVISION 21 - FIRE SUPPRESSION (NOT USED)

- DIVISION 22 PLUMBING (NOT USED)
- DIVISION 23 HEATING VENTILATING AND COOLING (NOT USED)
- DIVISION 25 INTEGRATED AUTOMATION (NOT USED)
- DIVISION 26 ELECTRICAL (NOT USED)
- DIVISION 27 COMMUNICATIONS (NOT USED)
- DIVISION 28 ELECTRICAL SAFETY AND SECURITY (NOT USED)
- DIVISION 31 EARTHWORK (NOT USED)
- DIVISION 32 EXTERIOR IMPROVEMENTS (NOT USED)
- DIVISION 33 UTILITIES (NOT USED)

END OF DOCUMENT 000110



#### DOCUMENT 003126

#### EXISTING HAZARDOUS MATERIAL INFORMATION

#### 1.1 EXISTING HAZARDOUS MATERIAL INFORMATION

- A. This Document, with its referenced attachments, is part of Procurement and Contracting Requirements for Project. These referenced attachments provide Owner's information for Bidders' convenience and are intended to supplement rather than serve in lieu of Bidders' own investigations. These referenced attachments are made available for Bidders' convenience and information, but are not a warranty of existing conditions. This Document and its referenced attachments are not part of the Contract Documents.
- B. Because conditions indicated by these reports are a sampling in relation to the entire construction area, and for other reasons, Owner, Architect, Architect's consultants, and the firm reporting hazardous material conditions do not warranty conditions not surveyed. Any party using information described in these reports shall accept full responsibility for its use.
- C. Bidders are encouraged to review available Project hazardous materials information prior to submitting a Bid, and to obtain additional information if Bidder desires.
- D. No consideration for extra payment will be given for conditions occurring that could have been anticipated from these reports. If conditions occur resulting in extra Work that could not have been anticipated or reasonably inferred from this information, Conditions of the Contract for changes in Work will apply.
- E. Existing asbestos report and lead report are available for viewing as appended to this Document.
- F. Existing Limited Hazardous Materials Survey report for Project, referenced as follows:
  - 1. Testing agency's project number: 41302.009
  - 2. Date of Report: August 22, 2023
  - 3. Asbestos report prepared by:

PBS Engineering and Environmental 214 East Galer Street, Suite 100. Seattle, WA 98102 Telephone: 206.233.9639 Toll Free: 888.248.1939 Facsimile: 866.727.0140

END OF DOCUMENT 003126

# Limited Hazardous Materials Survey Report

Washington Military Department Camp Murray Building 32 Floor & Door Repair Building 32 Quartermaster Road Camp Murray, Tacoma Washington 98430

Prepared for: KMB Architects 906 Columbia Street SW Suite 400 Olympia, WA 98501

August 22, 2023 PBS Project 41302.009



# **Table of Contents**

TAE	BLE C	OF CONTENTS	1
1	INTE	RODUCTION	1
	1.1	Project Background	1
	1.2	Building Descriptions	1
	1.3	Survey Process	1
2	FIND	DINGS	.1
	2.1	Asbestos-Containing Materials (ACMs)	1
	2.2	Lead-Containing Components	2
3	REC	OMMENDATIONS	2
	3.1	Asbestos-Containing Materials (ACMs)	2
	3.2	Lead-Containing Components	2

# **Supporting Data**

# APPENDICES

### **APPENDIX A: PLM Bulk Sampling Information**

PLM Bulk Sample Inventory PLM Bulk Sample Laboratory Data Sheets PLM Bulk Sample Chain of Custody Documentation

# **APPENDIX B: AA Lead Paint Chip Sampling Information**

AA Lead Paint Chip Sample Inventory AA Lead Paint Chip Laboratory Data Sheets AA Lead Paint Chip Chain of Custody Documentation

## **APPENDIX C: Certifications**

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# **1** INTRODUCTION

### 1.1 Project Background

PBS Engineering and Environmental Inc. (PBS) performed a limited hazardous materials survey of Washington Military Department Building 32, at Quartermaster Road in Camp Murray, Washington. The intent of this investigation is to ensure compliance with applicable regulatory requirements that a "good faith inspection" for asbestos-containing materials (ACMs) be performed prior to renovation activites.

The project scope consists of an interior renovation of approximately 18,500 square feet of warehouse flooring and columns.

All accessible areas of the building included in the scope of work were inspected for the presence of ACMs and lead-containing paint (LCP).

### **1.2 Building Descriptions**

Washington Military Department Building 32 is a one-story warehouse building. Interior flooring finishes included in the scope of work consist of concrete slabs. Walls included in the scope consist of concrete and concrete masonary unit.

### 1.3 Survey Process

Accessible areas included in the project scope were inspected by Asbestos Hazard Emergency Response Act (AHERA) Certified Building Inspector Nick San (Cert No. IRO-22-8856B Exp. 10-13-2023) on August 9, 2023. PBS endeavored to inspect all accessible areas of the scope of work. Inaccessible areas consist of those requiring selective demolition, fall protection, or confined space entry protocols to gain access.

When observed, suspect materials were sampled. Two (2) samples were assigned a unique identification number and transmitted for analysis to NVL Laboratories (NVLAP #102063-0) in Seattle, Washington under chain-of-custody protocols. Samples were analyzed according to EPA Method 600R-93/116 using Polarized Light Microscopy (PLM), which has a reliable limit of quantification of 1% asbestos by volume.

PBS endeavored to determine the presence and estimate the condition of suspect materials in all inaccessible areas included in the scope of work. ACMs may be found in concealed locations; additional unidentified ACMs may exist.

## 2 FINDINGS

### 2.1 Asbestos-Containing Materials (ACMs)

Regulated asbestos-containing building materials are defined by EPA as containing greater than 1% asbestos.

• No materials were found to contain asbestos by laboratory analysis as part of this investigation.

The following materials were sampled and found **<u>not</u>** to contain detectable concentrations of asbestos as part of this investigation:

- Concrete masonary unit and associated mortar Walls throughout the work area
- Fiborous expansion joint Perimeter of concrete slab throughout work area

Refer to Appendix A for specific samples locations and associated laboratory analysis.



## 2.2 Lead-Containing Components

Five (5) representative painted coatings were sampled for lead content. The samples were assigned unique identification numbers and transmitted to NVL Laboratories, Inc. (AIHA IH #101861) in Seattle, Washington under chain-of-custody protocols for analysis using Flame Atomic Absorption.

Lead was detected in the following painted coatings.

- Yellow paint on metal column Building 32 southeast area (9.5% lead)
- Black paint on metal column Building 32 southeast area (11% lead)
- White paint on concrete masonary unit Building 32 southeast corner (0.031% lead)
- White paint on concrete floor slab Building 32 southeast area (0.030% lead)

The following painted coatings were sampled and determined **not** to contain detectable lead:

• Brown paint on metal door frame – Building 32 northeast emergency exit

Refer to Appendix B for specific sample locations and associated laboratory analysis.

## **3 RECOMMENDATIONS**

### 3.1 Asbestos-Containing Materials (ACMs)

No asbestos-containing materials were found in the work scope area during this survey.

The possibility exist that suspect ACMs may be present/concealed in equipment, floor, wall and ceiling cavities, and in select areas of the ceiling included in the scope of renovations or in areas of the builfing outside the scope of this survey. These may include but are not limited to ACM pipe insulation and hard-mudded fittings in wall cavities, chase areas and ceiling plenums, construction mastics and adhesives within wall/ceiling assemblies, mechanical insulation/components on ductwork and equipment, and/or weatherproofing/moisture barriers.

PBS recommends that any previously unidentified materials revealed during renovation activities be sampled for asbestos content prior to impact. If suspect ACMs is uncovered during construction, contractor should stop work immediately and inform the owner promptly for confirmation testing. All untested materials should be presumed asbestos-containing or tested for asbestos content prior to impact.

## 3.2 Lead-Containing Components

Representative painted coatings from the project locations were found to contain lead by laboratory analysis. Impact of painted surfaces with detectable concentrations of lead requires construction activities to be performed according to Washington Labor and Industries regulations for Lead in Construction (WAC 296-155-176). Workers impacting LCP should be provided the proper personal protective equipment and use proper work methods to limit occupational and environmental exposure to lead until an initial exposure assessment has been conducted.

Painted coatings may exist in inaccessible areas of the work area or in secondary coatings. Any previously unidentified painted coatings should be considered lead containing until sampled and proven otherwise.



Please do not hesitate to contact us if you have any questions regarding this report or require additional information.

Report prepared by:

Report reviewed by:

Nick San AHERA Building Inspector Cert No. IRO-22-8856B Exp. 10-13-2023 Claire Tsai Project Manager/AHERA Building Inspector Cert. # IR-22-7316B Exp. 11/10/2023

# **APPENDIX A**

# **PLM Bulk Sampling Information**

PLM Bulk Sample Inventory PLM Bulk Sample Laboratory Data Sheets PLM Bulk Sample Chain of Custody Documentation

# Camp Murray Building 32 Floor and Door Repair KMB Architects

#### PLM ASBESTOS SAMPLE INVENTORY

PBS Sample #	<u>Material Type</u>	Sample Location	Lab Description	Lab Result	<u>Lab</u>
41302.009-01	Concrete masonry unit Mortar	Southeast Building 32 wall	Layer 1: Gray cementitious material with paint Layer 2: Beige brittle material	NAD NAD	NVL
41302.009-02	Fibrous expansion joint	East Building 32 Floor	Layer 1: Brown fibrous material with asphalt Layer 2: Gray hard cementitious material	NAD NAD	NVL

August 11, 2023



Claire Tsai PBS Environmental - Seattle 214 E Galer St. Suite. 300 Seattle, WA 98102

#### RE: Bulk Asbestos Fiber Analysis; NVL Batch # 2312651.00

Client Project: 41302.009 Location: Bldg. 32 Floors and Doors Repair

Dear Ms. Tsai,

Enclosed please find test results for the 2 sample(s) submitted to our laboratory for analysis on 8/10/2023.

Examination of these samples was conducted for the presence of identifiable asbestos fibers using polarized light microscopy (PLM) with dispersion staining in accordance with **U. S. EPA 40 CFR Appendix E to Subpart E of Part 763**, Interim Method for the Determination of Asbestos in Bulk Insulation Samples and **EPA 600/R-93/116**, Method for the Determination of Asbestos in Bulk Building Materials.

For samples containing more than one separable layer of materials, the report will include findings for each layer (labeled Layer 1 and Layer 2, etc. for each individual layer). The asbestos concentration in the sample is determined by calibrated visual estimation.

For those samples with asbestos concentrations between 1 and 10 percent based on visual estimation, the EPA recommends a procedure known as point counting (NESHAPS, 40 CFR Part 61). Point counting is a statistically more accurate means of quantification for samples with low concentrations of asbestos.

The detection limit for the calibrated visual estimation is <1%, 400 point counts is 0.25% and 1000 point counts is 0.1%

Samples are archived for two weeks following analysis. Samples that are not retrieved by the client are discarded after two weeks.

Thank you for using our laboratory services. Please do not hesitate to call if there is anything further we can assist you with.

Sincerely,

King Woser

Kunga Woser, Senior Laboratory Analyst

Testing Lab Code: 102063-0

Enc.: Sample Results

Phone: 206 547.0100 | Fax: 206 634.1936 | Toll Free: 1.888.NVL.LABS (685.5227) 4708 Aurora Avenue North | Seattle, WA 98103-6516



Batch #: 2312651.00

Client Project #: 41302.009

Date Received: 8/10/2023 Samples Received: 2 Samples Analyzed: 2

Method: EPA/600/R-93/116

# **Bulk Asbestos Fibers Analysis**

By Polarized Light Microscopy

Client: PBS Environmental - Seattle Address: 214 E Galer St. Suite. 300 Seattle, WA 98102

### Attention: Ms. Claire Tsai

Project Location: Bldg. 32 Floors and Doors Repair

Lab ID: 2307 Location: Bldg	Client Sample #: 41302.009-001           g. 32 Floors and Doors Repair		
Layer 1 of 2	Description: Gray cementitious material with pain	t	
	Non-Fibrous Materials:	Other Fibrous Materials:	% Asbestos Type: %
	Paint, Cement/Binder, Fine particles	Cellulose 3	% None Detected ND
	Mineral grains, Gravel	Wollastonite 2	%
Layer 2 of 2	Description: Beige brittle material		
	Non-Fibrous Materials:	Other Fibrous Materials:	% Asbestos Type: %
	Binder/Filler, Fine particles, Fine grains	None Detected	None Detected ND
Lab ID: 2307 Location: Bldg	Client Sample #: 41302.009-002           g. 32 Floors and Doors Repair		
Layer 1 of 2	Description: Brown fibrous material with asphalt		
	Non-Fibrous Materials:	Other Fibrous Materials:	% Asbestos Type: %
	Binder/Filler, Asphaltic Particles, Wood flakes	Cellulose 72	% None Detected ND
	Wood fibers		
Layer 2 of 2	Description: Gray hard cementitious material		
	Non-Fibrous Materials:	Other Fibrous Materials:	% Asbestos Type: %
	Cement/Binder, Fine particles, Mineral grains	Cellulose 2	% None Detected ND
		Wollastonite 2	%

Sampled by: Client		Nuna Woor
Analyzed by: Muhammad Yousuf	Date: 08/11/2023	, Cong. Colde
Reviewed by: Kunga Woser	Date: 08/11/2023	Kunga Woser, Senior Laboratory Analyst
bte: If samples are not homogeneous, then subsamples of th	e components were analyzed se	parately. All bulk samples are analyzed using both EPA

Note: If samples are not homogeneous, then subsamples of the components were analyzed separately. All bulk samples are analyzed using both EPA 600/R-93/116 and EPA 40 CFR Appendix E to Subpart E of Part 763 with the following measurement uncertainties for the reported % Asbestos (1%=0-3%, 5%=1-9%, 10%=5-15%, 20%=10-30%, 50%=40-60%). This report relates only to the items tested. If sample was not collected by NVL personnel, then the accuracy of the results is limited by the methodology and acuity of the sample collector. This report shall not be reproduced except in full, without written approval of NVL Laboratories, Inc. It shall not be used to claim product endorsement by NVLAP or any other agency of the US Government

# ASBESTOS LABORATORY SERVICES



A/R A

Company PBS Environmental - Seattle Address 214 E Galer St. Suite. 300 Seattle, WA 98102 Project Manager Ms. Claire Tsai

Phone (206) 233-9639

NVL Batch Number 2312651.00							
<b>TAT</b> 1	Day				AH	No	
Rush T	AT						
Due Da	te 8	/11/202	3 Tim	<b>e</b> 10:	45 AN	Л	
Email g	claire.ts	sai@pbs	usa.com	n			
Fax (	866) 7	27-0140					

Project Name/Number: 41302.009

Project Location: Bldg. 32 Floors and Doors Repair

## Subcategory PLM Bulk

Item Code ASB-02

EPA 600/R-93-116 Asbestos by PLM <bulk>

Total Number of Samples <u>2</u>				Rush Samples _
	Lab ID	Sample ID	Description	
1	23076583	41302.009-001		
2	23076584	41302.009-002		

	Print Name	Signature	Company	Date	Time
Sampled by	Client				
Relinquished by	Courier				
Office Use Only	Print Name	Signature	Company	Date	Time
Received by	Kelly AuVu		NVL	8/10/23	1045
Analyzed by	Muhammad Yousuf		NVL	8/11/23	
Results Called by					
Faxed Emailed					
Special Instructions:					

Date: 8/10/2023 Time: 10:48 AM Entered By: Kelly AuVu



# LABORATORY CF 2312651

Project: Blug. 32	Floors and Poor repair	Project #: 41302.000 Page 1 of 1
Analysis requested:	PLM	Date: 8/9/23
Relinq'd by/Signature:	Nideroc	Date/Time: 8/9/23
Received by/Signature:_	Kennacon e nu	Date/Time: 8 10 23 1045
	Email ALL INVOICES to: seattlea	p@pbsusa.com
E-mail results to: Willem Mager Gregg Middaugh Mark Hiley Tim Ogden Ryan Hunter Janet Murphy	<ul> <li>Toan Nguyen</li> <li>Peter Stensland</li> <li>Claire Tsai</li> <li>Holly Tuttle</li> <li>Ferman Fletcher</li> <li>Cameron Budnick</li> </ul>	<ul> <li>Mae Reilly</li> <li>Nick San</li> <li>Kameron DeMonnin</li> <li></li> </ul>
TURN AROUND TIME: 1 Hour 2 Hours 4 Hours	24 Hours 48 Hours	3-5 Days     Other

NOTE: \*\*\*Composite if positive

	SAMPLE DATA FORM				
Sample #	Material	Location	Lab		
41372.004-001	Concrete musonen unit	SE blug. 32 wall	NVL		
41302.009-002	Expansion joint fiborous material	E. blug. 32 floor			

214 EAST GALER STREET, SUITE 300, SEATTLE, WA 98102 = 206.233.9639 MAIN = 866.727.0140 FAX = PBSUSA.COM

# **APPENDIX B**

# AA Lead Paint Chip Sampling Information

AA Lead Paint Chip Sample Inventory AA Lead Paint Chip Laboratory Data Sheets AA Lead Paint Chip Chain of Custody Documentation

# Camp Murray Building 32 Floor and Door Repair KMB Architects

#### AA LEAD PAINT CHIP SAMPLE INVENTORY

PBS Sample #	Paint Color / Component or Substrate	Sample Location	<u>Results (mg/kg)</u>	<u>Results (%)</u>	<u>Lab</u>
41302.009-Pb01	Yellow / metal / column	Southeast building 32	95000	9.5	NVL
41302.009-Pb02	Black / metal / column	Southeast building 32	110000	11	NVL
41302.009-Pb03	White / concrete masonry unit / wall	Southeast corner building 32	310	0.031	NVL
41302.009-Pb04	Brown / metal / door frame	Northeast building 32 emergency exit	<150	<0.015	NVL
41302.009-Pb05	White / concrete / floor	Southeast building 32	300	0.030	NVL

August 10, 2023

Claire Tsai **PBS Environmental - Seattle** 214 E Galer St. Suite. 300 Seattle, WA 98102



# NVL Batch # 2312650.00

#### RE: Total Metal Analysis Method: EPA 7000B Lead by FAA <paint> Item Code: FAA-02

Client Project: 41302.009 Location: Bldg. 32 Floor and Door Repair

Dear Ms. Tsai,

NVL Labs received 5 sample(s) for the said project on 8/10/2023. Preparation of these samples was conducted following protocol outlined in EPA 3051/7000B, unless stated otherwise. Analysis of these samples was performed using analytical instruments in accordance with EPA 7000B Lead by FAA <paint>. The results are usually expressed in mg/Kg and percentage (%). Test results are not blank corrected.

For recent regulation updates pertaining to current regulatory levels or permissible exposure levels, please call your local regulatory agencies for more detail.

At NVL Labs all analyses are performed under strict guidelines of the Quality Assurance Program. This report is considered highly confidential and will not be released without your approval. Samples are archived after two weeks from the analysis date. Please feel free to contact us at 206-547-0100, in case you have any questions or concerns.

Sincerely,

Shalini Patel, Manager Metals Lab

Enc.: Sample results



Phone: 206 547.0100 | Fax: 206 634.1936 | Toll Free: 1.888.NVL.LABS (685.5227) 4708 Aurora Avenue North | Seattle, WA 98103-6516

# **Analysis Report**

Total Lead (Pb)



# Batch #: 2312650.00

Matrix: Paint Method: EPA 3051/7000B Client Project #: 41302.009 Date Received: 8/10/2023 Samples Received: 5 Samples Analyzed: 5

Client: PBS Environmental - Seattle Address: 214 E Galer St. Suite. 300 Seattle, WA 98102

## Attention: Ms. Claire Tsai

Project Location: Bldg. 32 Floor and Door Repair

Lab ID	Client Sample #	Sample Weight (g)	RL in mg/Kg	Results in mg/Kg	Results in percent	
23076578	41302.009-Pb01	0.1150	87	95000	9.5	
23076579	41302.009-Pb02	0.0798	130	110000	11	
23076580	41302.009-Pb03	0.1826	55	310	0.031	
23076581	41302.009-Pb04	0.0326	150	< 150	<0.015	
23076582	41302.009-Pb05	0.1962	51	300	0.030	

## Comments: Small sample size (<0.05g) for 41302.009-Pb04

Sampled by: Client		4	
Analyzed by: Yasuyuki Hida	Date Analyzed: 08/10/2023	Olu.	
Reviewed by: Shalini Patel	Date Issued: 08/10/2023	Shalini Patel, Manager Metals Lab	
mg/ Kg =Milligrams per kilogram		RL = Reporting Limit	
Percent = Milligrams per kilogram	/ 10000	'<' = Below the reporting Limit	
Note : Method QC results are acceptable unless stated otherwise. Unless otherwise indicated, the condition of all samples was acceptable at time of receipt.			
Bench Run No: 2023-0810-07			

# LEAD LABORATORY SERVICES



Company PBS Environmental - Seattle Address 214 E Galer St. Suite. 300 Seattle, WA 98102

Project Manager Ms. Claire Tsai Phone (206) 233-9639

NVL Batch Number 2312650.00					
TAT	1 Day	1			AH No
Rush	TAT				
Due D	Date	8/11/202	23	Time	10:45 AM
Email	claire	.tsai@pb	susa	a.com	
Fax	(866)	727-014	0		

Project Name/Number: 41302.009

Project Location: Bldg. 32 Floor and Door Repair

Subcategory Flame AA (FAA)

Item Code FAA-02

EPA 7000B Lead by FAA <paint>

## Total Number of Samples 5

#### Rush Samples \_\_\_\_\_

_	Lab ID	Sample ID	Description	A/R
1	23076578	41302.009-Pb01		Α
2	23076579	41302.009-Pb02		Α
3	23076580	41302.009-Pb03		Α
4	23076581	41302.009-Pb04		Α
5	23076582	41302.009-Pb05		A

	Print Name	Signature	Company	Date	Time
Sampled by	Client				
Relinquished by	Courier				
Office Use Only	Print Name	Signature	Company	Date	Time
Received by	Kelly AuVu		NVL	8/10/23	1045
Analyzed by	Yasuyuki Hida		NVL	8/10/23	
Results Called by					
Faxed Emailed					
Special					
Instructions:					

Date: 8/10/2023 Time: 10:43 AM Entered By: Kelly AuVu



# LABORATORY ( 2312650

Project: Blug. 32 Floors and 1	Doorrepair	Project #: 41302.009 Page 1 of 1
Analysis requested: FAA - Lead		Date: 8/4/23
Relinq'd by/Signature: Nickbr		Date/Time:
Received by/Signature: Kelinge	my e run	Date/Time: 8/10/23 1045
Email A	LL INVOICES to: seattleap@pbsusa	.com
E-mail results to: Willem Mager Gregg Middaugh Mark Hiley Tim Ogden Ryan Hunter Janet Murphy	<ul> <li>Toan Nguyen</li> <li>Peter Stensland</li> <li>Claire Tsai</li> <li>Holly Tuttle</li> <li>Ferman Fletcher</li> <li>Cameron Budnick</li> </ul>	<ul> <li>Mae Reilly</li> <li>Nick San</li> <li>Kameron DeMonnin</li> <li></li> </ul>
TURN AROUND TIME:         1 Hour         2 Hours         4 Hours	24 Hours 48 Hours	<ul><li>3-5 Days</li><li>Other</li></ul>

NOTE: \*\*\*Composite if positive

SAMPLE DATA FORM			
Sample #	Material	Location	Lab
41302.004- PLOI	Yellow paint on metal column	SE blug. 32	NVL
41301.009-1602	Black paint on metal column	SE 610g.3L	
41302.004-9602	White point on Concrete Masonury Unit	SE conner blog. 32 will	
41302.004-P60	4 Brown paint on metal door frame	NE blog. 3c emergency exit	
41302.009-Pba	White paint on concrete slab	SE blug. 32	

214 EAST GALER STREET, SUITE 300; SEATTLE, WA 98102 = 206.233.9639 MAIN = 866.727.0140 FAX = PBSUSA.COM

# **APPENDIX C**

**PBS Inspector Certifications** 

# THIS IS TO CERTIFY THAT

# **NICHOLAS SAN**

# HAS SUCCESSFULLY COMPLETED THE TRAINING COURSE

for

# **ONLINE AHERA ASBESTOS INSPECTOR REFRESHER**

In accordance with TSCA Title II, Part 763, Subpart E, Appendix C of 40 CFR

Course Date:	10/13/2022
Course Location:	Online

Certificate:

IRO-22-8856B

For verification of the authenticity of this certificate contact: PBS Engineering and Environmental Inc. 4412 S Corbett Avenue

Portland, OR 97239



CCB #SRA0615 4-Hr Training

4-Hour Online AHERA Inspector Refresher Training; AHERA is the Asbestos Hazard Emergency Response Act enacting Title II of Toxic Substance Control Act (TSCA)

**Expiration Date:** 10/13/2023

ander Fieldy

Andy Fridley, Instructor

# THIS IS TO CERTIFY THAT

# **CLAIRE TSAI**

# HAS SUCCESSFULLY COMPLETED THE TRAINING COURSE for ASBESTOS INSPECTOR REFRESHER

In accordance with TSCA Title II, Part 763, Subpart E, Appendix C of 40 CFR

Course Date:	
--------------	--

11/10/2022

Course	location:
course	Location.

Online

Certificate:

IR-22-7316B

For verification of the authenticity of this certificate contact: PBS Engineering and Environmental Inc.

4412 S Corbett Avenue

Portland, OR 97239



CCB #SRA0615 4-Hr Training

4-Hour AHERA Inspector Refresher Training; AHERA is the Asbestos Hazard Emergency Response Act enacting Title II of Toxic Substance Control Act (TSCA)

**Expiration Date:** <u>11/10/2023</u>

ander Fisley

Andy Fridley, Instructor

## Contractor Name:

# STATE OF WASHINGTON DEPARTMENT OF ENTERPRISE SERVICES FACILITY PROFESSIONAL SERVICES MAIL TO: PO BOX 41476, OLYMPIA, WA 98504-1476 HAND DELIVER TO: 1500 JEFFERSON ST. SE **OLYMPIA, WASHINGTON 98501** (SECURE BID BOX IN BUILDING LOBBY)

#### FORM BID

In compliance with the contract documents, the following bid form is submitted:

1) BASE BID (Including Trench Excavation Safety Provisions)

(Please print dollar amount in space above)

TRENCH EXCAVATION SAFETY PROVISIONS

(do not include Washington State Sales Tax) \$

\$

(Included also in Base Bid)

If the bid amount contains any work which requires trenching exceeding a depth of four feet, all costs for trench safety shall be included in the Base Bid and indicated above for adequate trench safety systems in compliance with Chapter 39.04 RCW. 49.17 RCW and WAC 296-155-650. Bidder must include a lump sum dollar amount in blank above (even if the value is \$0.00) to be responsive.

## TIME FOR COMPLETION:

Contract Time - The undersigned hereby agrees to Substantially Complete all the work under the Base Bid (and accepted Alternates) within 120 calendar days after the date of Notice to Proceed.

*Final Completion* – All the Work shall be fully and finally completed in accordance with the contract documents within 30 calendar days after the date of Substantial Completion.

### FEDERAL AND STATE REQUIREMENTS

The undersigned agrees to perform the requirements set out and incorporated by reference in attached "DIVISION 00 SPECIAL CONDITIONS" section in the specifications, if applicable.

### LIQUIDATED DAMAGES

The undersigned agrees to pay the Owner as liquidated damages the sum of \$100.00 for each consecutive calendar day that is in default after the Contract Time. Liquidated damages shall be deducted from the contract invoice after taxes and retainage.

### **RECEIPT OF ADDENDA**

Receipt of the following addenda is acknowledged:

Addendum No	Addendum No
Addendum No.	Addendum No
Addendum No	Addendum No

Project Name: Building 32 Floors and Door Repairs Project No.: 2022-619 Contractor Name: \_\_\_\_\_

Name of Firm	on; if a partnership, give full names and addresses of all parties below.
Signed by	Official Capacity
Print Name	
Address	
City Stat	te Zip Code
Date Telephone	FAX
State of Washington Contractor's License No	)
Federal Tax ID #	E-mail address:
Employment Security Department No.	

#### SECTION 011110

#### SUMMARY OF HAZARDOUS MATERIALS WORK

#### PART 1 - GENERAL

#### 1.1 DESCRIPTION OF WORK

- A. Disturbance of asbestos-containing materials (ACMs) is not anticipated as part of the Building 32 Floors and Doors Repairs Project. See below for additional information and requirements.
- B. Lead-containing Items: The Owner has conducted a survey of lead-containing items in the areas to be impacted by the Work. Samples of representative paint coatings to be impacted by the project were found to contain detectable lead. Survey samples and results are included in the attached Limited Hazardous Materials Survey Report.

#### 1.2 RELATED WORK

A. Work performed under this specification section is governed by related specification sections, plans or drawings, including but not limited to, the following:

Division 02: Existing Conditions, Section 02 83 13, Lead-Related Activities

#### 1.3 GENERAL REQUIREMENTS

- A. SUPERVISORY AUTHORITY: The General Contractor is to avail themselves of all responsibilities under applicable regulations related to their supervisory authority over subcontractors and personnel performing work related to hazardous materials.
- B. ACCESS RESTRICTIONS: Work described in this Section includes restriction of work areas during hazardous materials activities. Access to various work areas by the general public, general trades, and other individuals will not be possible during certain hazardous materials work sequences, as specified herein and elsewhere. General Contractor is to coordinate the Work to facilitate access by subcontractors while enforcing work area restriction, and to minimize disruption to building occupants and services.
- C. EMERGENCY CONTACTS: Designate qualified representatives of the General Contractor and specific hazardous materials subcontractors who are to be available on a 24-hour emergency basis for the duration of the Work. Provide contact information to the Owner's Representative for inclusion in the project emergency contact list.
- D. ASBESTOS PRODUCTS: Contractor shall ensure that no asbestos products in any form are incorporated into the Work.

#### 1.4 ASBESTOS

- A. Asbestos-related impacts are not anticipated as part of the Work.
- B. The Contractor shall refer to the Limited Hazardous Materials Survey Report. This document lists suspect asbestos-containing materials (ACM) sampled and analyzed for asbestos content, or presumed, at the areas of the buildings included in the Work. The Contractor shall ensure that copies of this information are made available to and retained on the project site by all subcontractors.
- C. The Contractor shall be aware that suspect-ACM may exist in inaccessible locations of the spaces included in the Work, and in areas of the buildings not included in the Work. The Contractor shall proceed with caution during all phases of the Work. Should any suspect-ACM not indicated in the Limited Hazardous Materials Survey Report be encountered, the Contractor shall immediately notify the Owner's Representative.

D. The Contractor is advised that, should suspect ACM not included in the Limited Hazardous Materials Survey Report be encountered, the Owner may elect to include the abatement of such materials in the Work at a mutually agreed upon price. Work impacting such materials is not to occur prior to the Contractor receiving explicit written authorization from the Owner, and any Work performed without such approval is performed at the Contractor's own risk and expense.

#### 1.5 LEAD-CONTAINING PAINT

- A. Lead-containing Items: The Owner has conducted a survey of lead-containing items in the area to be impacted by the Work. Survey samples and results are included in the Limited Hazardous Material Survey Report.
- B. Consider all items similar to those testing positive for lead to be lead-containing. Consider any painted coatings that have not been tested to be lead-containing.
- C. Perform all work impacting lead-containing paint in accordance with specification Section 028313. The Contractor shall comply with all applicable regulations, laws and ordinances concerning removal, remodeling, cutting, handling, storage, disposal, monitoring and protection against exposure or environmental pollution. Work related to lead-containing paint and lead-containing components within this contract is the responsibility of the General Contractor, in addition to all affected Subcontractors, and shall be performed in accordance with all applicable local, state, and federal regulations.

#### 1.6 EXISTING CONDITIONS

- A. The Environmental Consultant and Owner make no representation, warranty, or guarantee the conditions indicated by the test report or inspection summary are representative of those conditions existing throughout the area, or that unforeseen developments may not occur, or that materials other than, or in proportions different from those indicated, may not exist.
- B. Contractor is advised that the locations of all suspect-ACMs may not be clearly known, and that care should be taken to prevent impact of ACMs located in concealed and inaccessible locations.

PART 2 - PRODUCTS (NOT USED)

PART 3 - EXECUTION (NOT USED)

#### END OF SECTION 011110

#### SECTION 028313

#### LEAD-RELATED ACTIVITIES

#### PART 1 - GENERAL

#### 1.1 SUMMARY OF WORK

- A. General work items include, but are not limited to:
  - 1. Compliance: Activities requiring compliance with this Section include the impact of painted coatings and/or building components (such as lead vent pipes, lead gutters, or painted coatings) containing lead as defined in these Specifications. Impacts are anticipated to include, but are not limited to: manual demolition, mechanical demolition, cutting, sawing, drilling, sanding, surface preparation and scrapping, welding or torch-cutting and incidental impact to painted items.
  - 2. Handling: Conduct activities involving lead-containing paint and lead-containing components under Work of this Contract in accordance with this Section and current applicable state and federal regulations including WAC 296-62-07521: "Lead"; WAC 296-155-176: "Occupational Health and Environmental Control"; 29 CFR 1926.62: "Lead Exposure in Construction Interim Final Rule"; and 40 CFR 745: "Lead; Requirements for Lead-Based Paint Activities in Target Housing and Child-Occupied Facilities; Final Rule".
  - 3. Waste Disposal: Disposal of demolition debris as "dangerous" according to WAC 173-303 is not included in the Work. It is anticipated that waste produced by demolition activities will not require disposal as "dangerous" related to lead.
  - 4. Monitoring: Monitoring of airborne concentrations of lead in accordance with WAC 296-155-176 and this Section. The intent of this Section is to reduce and maintain employee exposure to lead and surrounding environmental airborne concentrations at or below the permissible exposure limit.

#### 1.2 RELATED SECTIONS

- A. Work performed under this specification section is governed by related specification sections, plans or drawings, including but not limited to, the following:
  - Division 00 Procurement and Contracting Requirements Division 01 – General Requirements
  - Division 02 Existing Conditions

#### 1.3 SUBMITTALS

- A. Submit the following "Pre-Work Submittals" prior to start of work. The Work may not proceed until complete Pre-Work Submittal package has been reviewed and approved by the Owner Representative. Allow fifteen (15) days for Owner review.
  - 1. Lead Compliance Program: Submit a site-specific lead compliance program in accordance with WAC Chapter 296-155. The plan shall be developed and implemented to provide engineering, work practice and administrative controls to reduce and maintain employee exposure to lead at or below the permissible exposure limit. The plan will include at a minimum task-specific description of engineering controls; personnel; procedures; methods of compliance; air monitoring plan; detailed schedule; work practice program; administrative controls and other relevant information.
    - a. Implementation of work practices not described in the Lead Compliance Plan will not be permitted until an amendment to the submittal is reviewed by the Owner Representative.
  - 2. Medical Program: Submit written proof medical exam program complies with OSHA Lead Regulations 29 CFR 1910.2 and 1926.62, and WAC Chapter 296-155. Initial medical

surveillance consisting of biological monitoring in the form of blood sampling and analysis for lead and zinc protoporphyrin levels shall be submitted for each employee occupationally exposed to lead at or above the action level.

- 3. Worker Training Program: Submit written proof indicating that all employees impacting leadcontaining materials have received training per 29 CFR 1926.62 and WAC Chapter 296-155. Proof shall include a signature from the Contractor's Principal indicating that all employees performing lead related activities have completed such a program.
- 4. Respirator Program: Submit written proof indicating respirator program complies with OSHA Lead Regulations 29 CFR 1910.134 and 1926.62, and WAC Chapter 296-155.
- B. Final Submittals:
  - 1. Project Record Documents: Provide record of lead control activities including disposition of each type of lead-containing item removed from the site.
  - 2. Air Monitoring: Submit copies of all air monitoring data (including sample data sheets), chain-of-custody documentation and calibration records related to the initial exposure assessment for workers impacting lead-containing materials.
  - 3. Disposal: Submit completed disposal manifests and bills-of-lading for any waste disposed of as "dangerous" per WAC 173-303, or any items recycled as lead.

#### 1.4 AIR MONITORING

- A. Testing Laboratory: An Independent Testing Laboratory shall be retained by the Contractor for all lead air analysis. All exposure monitoring analysis shall be performed in accordance with 29 CFR Part 1926.62 and WAC Chapter 296-155. The laboratory must participate in the ELPAT Program and be a member of AIHA. Air sample collection may be performed by an Industrial Hygienist or the Contractor's trained supervisor at the Contractor's option.
- B. Sample Documentation: Documentation shall be kept for each filter sample procured as to worker sampled, social security number, activity, work area location, date and time taken, volume of air drawn through filter, pump identification number and calibration. Documentation shall indicate in what areas tests were taken and shall clearly indicate the specified maximum allowable levels for each area tested. Report all data. Complete laboratory chain of custody records.
- C. Analysis Procedures: The samples shall be collected on 37 mm filters and analyzed within 24 hours using NIOSH Analytical Method No. 7105 or 7082. The containers shall be clearly labeled with project name and Sample Number and shall become property of the Owner at work completion at the Owner's request.
- D. Contractor's Sampling During Lead-Related Activities:
  - 1. Initial exposure: Exposure monitoring shall be performed by the Contractor during impact of representative lead-painted building components and metals-containing masonry mortar as required by WISHA regulations. It is the responsibility of the Contractor to determine potential exposures during the Work and provide exposure monitoring as needed.
  - 2. Most Contaminated Worker: The Contractor shall determine which worker(s) in each work area is probably experiencing the most severe exposure. This is the "Most Contaminated Worker(s)". An 8-hour TWA samples shall be collected on this worker(s). Worker shall wear a personal sampling pump and the sample shall be drawn from the breathing zone of this worker.
  - 3. Number of samples: The number of air samples collected shall be as defined in the approved Lead Compliance Program. Historical measurements per WAC 296-155 may be used to satisfy continuing exposure assessment requirements.
- E. Work Area Monitoring
  - 1. Monitoring: The Owner reserves the right to monitor Contractor's performance via air, dust wipe and TCLP samples during lead related activities, in addition to the Contractor's

exposure monitoring and testing. Sampling by the Owner will not be available for use as the Contractor's Initial Exposure Assessment.

- 2. Quality Control
  - a. Maximum allowable airborne concentrations: Contractor shall ensure that at all times airborne concentrations of metals outside work areas are at or below the applicable employee's respiratory exposure limits for metals impacted by the Work as defined by WISHA and other applicable regulations.
  - b. Immediately upon being notified of concentrations exceeding the specified maximum allowable levels, the Contractor shall perform the following steps in the order presented, at no additional cost to the Owner: Stop lead/metals related activities work, identify source of high lead concentrations, develop plan with Owner Representative to complete lead related activities in a manner to prevent visible emissions and elevated lead levels.

#### 1.5 SUBCONTRACTORS

A. Subcontractors employed by the Contractor shall be bound to all the work and safety standards specified. Subcontractor's personnel shall meet requirements as specified and shall be supervised by the Contractor during performance of this work.

#### 1.6 LIABILITY

A. The Contractor is an independent contractor and not an employee of the Owner, Architect or Environmental Consultant. The Owner and the Environmental Consultant shall have no liability to the Contractor or any third persons for Contractor's failure to faithfully perform and follow the provisions of these Specifications and the requirements of the governing agencies. Notwithstanding the failure of the Owner or the Environmental Consultant to discover a violation by the Contractor of any of the provisions of these Specifications, or to require the Contractor to fully perform and follow any of them, such failure shall not constitute a waiver of any of the requirements of these Specifications which shall remain fully binding upon the Contractor.

#### PART 2 - PRODUCTS

- 2.1 PROTECTIVE CLOTHING AND EQUIPMENT
  - A. Personnel Protective Equipment and materials for metals-related activities shall be provided per WAC 296-155.

#### PART 3 - EXECUTION

#### 3.1 WORK PRACTICES

- A. Activities with the potential for visible emissions, including, but not limited to: dry saw-cutting, roto-hammering, scraping, power sanding, grinding, sand-blasting, etc. shall be performed with all applicable worker protection and environmental controls in place pending review of the Contractor's Negative Exposure Assessment by the Owner Representative and the Owner. Negative Pressure Enclosures are not specifically required should general dust control measures prevent migration of debris from work areas.
- B. Housekeeping: Maintain all surfaces as free as practicable of accumulations of metals-containing debris, residue or slurry, and perform clean-up of work areas as necessary according to applicable regulations, including WAC 296-155-17617. Ensure prompt cleanup of any dust, debris or runoff from impacts to masonry mortar using wet-wiping and HEPA-vacuuming, or other method described in the "Pre-Work Submittals".

- C. Environmental Controls: It is the responsibility of the Contractor to prevent distribution of airborne or settled dust/debris beyond the immediate work zone.
- D. Methods to achieve compliance are to be implemented as described in the "Pre-Work Submittals" outlined under Item 1.3-A-1.
- E. Work Practices: Perform work impacting lead-containing painted coatings, lead components or masonry mortar in accordance with the methods outlined in the lead compliance plan. Use procedures and equipment required to limit occupational and environmental exposure to lead when lead-containing paint is impacted. The procedures employed by the Contractor shall not create the potential for contaminating surrounding areas or materials with lead-containing dust. Dust generation shall be minimized at all times.

#### 3.2 DISPOSAL PROCEDURES

- A. Contractor is to perform waste characterization of the anticipated general waste stream as necessary to facilitate disposal of waste according to all applicable local, state and federal regulations and codes.
- B. Provide results of any such characterization, along with a volumetric breakdown of the waste stream constituents included in the sample analyzed, to the Owner upon receipt from analytical laboratory.
- C. The Owner reserves the right to perform quality control waste stream characterization at their sole discretion. In the event of conflicting test data obtained by the Contractor and Owner, the Owner's test data will take precedence. Allow 48 hours for quality control sampling and analysis by the Owner at their sole discretion prior to transporting waste.
- D. Package, transport, and dispose of demolished components as "dangerous" waste per WAC 173-303 as required by waste characterization data. Disposal of demolition debris as "dangerous" per WAC 173-303 related to lead is limited to disposal facilities pre-approved by the Owner.
  - 1. The Contractor is responsible for the proper handling, transportation and disposal of any dangerous waste generated by elective segregation of waste constituents, or by disposal of painted coatings comingled with asbestos-containing materials, at no cost to the Owner.

END OF SECTION 028313