



190 Queen Anne Ave N  
PO Box 19028  
Seattle, WA 98109-1028

## REQUEST FOR BIDS (by Email)

Date: 7/18/23	To: Potential Bidders for SHA Solicitation #5806 (updated from formerly cancelled #5757) <b>#5806 Ballard House Asbestos Abatement</b>		
The work described below is subject to the conditions described on Attachment A, version 1 <input checked="" type="checkbox"/> version 2 <input type="checkbox"/>			
SHA Reference No.: <b>5806</b>	(Federal Prevailing Wages) Federal Wage Decision No.: HUD Non-Routine Maintenance (Effective 1/17/23 through 12/31/24)	OR	(State Prevailing Wages) Date of State Prevailing Wage Schedule: N/A
Number of Calendar Days to Complete Work: <b>10 Days from the Notice to Proceed Date</b>	For Questions Contact: <a href="mailto:purchasing@seattlehousing.org">purchasing@seattlehousing.org</a>	Phone No.: (206) 615-3378	
		E-mail: <a href="mailto:purchasing@seattlehousing.org">purchasing@seattlehousing.org</a>	
<b>Project Description</b> <ul style="list-style-type: none"> <li>• Scope of Work: <input checked="" type="checkbox"/> See Scope of Work attached. or <input type="checkbox"/> See Scope of Work below.</li> </ul> <p>This project is estimated to be between \$25,000 and \$30,000. Please note that in addition to the attached Scope of work, the following clarifications must also be considered:</p> <ul style="list-style-type: none"> <li>• The mastic will need to be removed by the Contractor.</li> <li>• The building is occupied and residents must be allowed access to their residences at the end of each day.</li> <li>• Asbestos Disclosure Options: <ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> SHA has performed, or caused to be performed, a good faith inspection to determine whether materials to be worked on or removed contain asbestos (include the inspection report as an attachment if this option is selected),</li> <li><input type="checkbox"/> SHA assumes that the Work site contains asbestos and Contractor must handle the material in accordance with all applicable federal, state, and local laws and regulations, including, without limitation, WAC 296-62-07701 through 296-62-07753, or</li> <li><input type="checkbox"/> SHA is reasonably certain that asbestos will not be disturbed by this project</li> </ul> </li> </ul>			
<b>PRE-BID SITE VISIT: Wednesday, August 2, 2023, at 10:00 AM PT.</b> Attendees will meet at the Front Entrance to Ballard House at 2445 NW 57 <sup>th</sup> Street, Seattle, WA 98107.			
<b>DEADLINE FOR QUESTIONS is Monday, August 7, 2023 no later than 1:00 p.m. PT</b> Email your questions to: <a href="mailto:purchasing@seattlehousing.org">purchasing@seattlehousing.org</a> . Please include Solicitation #5806 in the Subject Line of the e-mail and identify the Contract Administrator (Louise Lauff) in the body of the e-mail.			
<b>BID DUE DATE AND TIME: Thursday, August 17, 2023 by 1:00 p.m. PT.</b> The bidder is responsible for ensuring that its Bid is received prior to the deadline. Bids received after the deadline will not be considered.			
<b>Bids for Small Works Roster advertised projects will only be accepted from contractors who are listed on Seattle Housing Authority's Small Works Roster at the time bid is due.</b> SHA utilizes the Small Public Works Roster maintained by MRSC to solicit bids from contractors for this solicitation. Register for FREE at <a href="http://www.mrscrosters.org">www.mrscrosters.org</a> and select Seattle Housing Authority. All companies on the roster must meet the agency's minimum qualifications for licensing bonding, and insurance and not be on any state or federal debarment lists.			
<b>EMAIL YOUR BID TO: <a href="mailto:purchasing@seattlehousing.org">purchasing@seattlehousing.org</a></b> or deliver to the address above. Please include Solicitation #5806 in the Subject Line of the e-mail and identify the Contract Administrator in the body of the e-mail.			
<b>BIDDER ACKNOWLEDGES RECEIPT OF ADDENDA(S) NUMBER(S):</b> _____			
<b>BIDDER MUST COMPLETE THE INFORMATION BELOW.</b> In addition, if bidder has never done business with SHA, it must submit a vendor fact sheet with its bid form. Bidder must also submit the required Section 3 forms with its bid form.			
<input type="checkbox"/> If checked, Bidder must complete the attached Detailed Bid Price Form and provide the total bid price below.			
Basic Bid Price (without Sales Tax)	Sales Tax on Materials (see Attachment A)	Total Bid Price (with Sales Tax)	
Bidder's Business Name:	Telephone No.:	E-Mail Address:	

Address:		City, State, Zip Code:
Business Classification: <input type="checkbox"/> WBE <input type="checkbox"/> MBE <input type="checkbox"/> MWBE <input type="checkbox"/> Section 3		Contractor Registration No.:
Signature:	Date:	Printed Name and Title of Person Signing Bid:
<p>By signing above, the Bidder acknowledges receipt of Attachment A and any addenda issued for this project, and proposes to furnish all material and labor and to perform all work described herein for the Bid Price noted above. The Bidder also certifies the following: to have personally and carefully evaluated the Project Description and Attachment A, and to have a clear understanding of the same, including the requirement to pay prevailing wages.</p>		

- ATTACHMENT A:    Version 1 (Less than \$35,000.00)**  
**ATTACHMENT B:    Summary of Work and Supplemental Information**  
**ATTACHMENT C:    HUD Non-Routine Maintenance Rates (Effective 1/17/23 through 12/31/24)**  
**ATTACHMENT D:    Sample Contract**  
**ATTACHMENT E:    Forms**
1. SHA Vendor Fact Sheet
  2. Section 3 Business Concern Certification, Sample Monthly Reporting Form and Sample Self-Certification Form
  3. Suspension and Debarment Compliance Certificate for Contractor/Subcontractor
  4. For-Profit Subgrantee and Contractor Certifications and Assurances
  5. Certification of Compliance with Wage Payment Statutes
  6. Non-Collusive Affidavit

**SUBMISSION CHECKLIST – MUST BE COMPLETED, SIGNED AND SUBMITTED WITH YOUR BID**

- \_\_\_\_\_    **Request for Bids**
- \_\_\_\_\_    **SHA Vendor Fact Sheet**
- \_\_\_\_\_    **Section 3 Forms**
- \_\_\_\_\_    **Suspension and Debarment Compliance Certificate for Contractor/Subcontractor (as applicable)**
- \_\_\_\_\_    **For-Profit Subgrantee and Contractor Certifications and Assurances**
- \_\_\_\_\_    **Certification of Compliance with Wage Payment Statutes**
- \_\_\_\_\_    **Non-Collusive Affidavit**

# Scope of Work

## **Ballard House common area flooring replacement**

The purpose of this work is to provide a hazard free base for Construction Operations to install new flooring on the 2<sup>nd</sup> floor hallways/common area. The current flooring is glued down carpet over glued down VCT. The 12" x 12" VCT mastic tested positive for asbestos and will need to be professionally removed by a certified company.

### **Location**

- Ballard House
- 2<sup>nd</sup> floor halls and elevator lobby (common areas).
- Flooring removal shall extend into each doorway and transition under door slabs or transition strips. (13) doors

### **Material to be removed or abated**

- Approx. 280lf 4" rubber base, glued down (non-hazardous)
- 975 sf Carpet/ glue (non-hazardous)
- 975 sf 12" x 12" VCT (non-hazardous)
- VCT mastic (ACM positive)

### **Process and procedures**

Work shall follow all local and state guidelines for Asbestos abatement to ensures proper removal of contaminated material, protect worker and tenants from exposure.

- All necessary permitting necessary shall be obtained by contractor
- Provide plan for containment and isolation barriers
- Provide clearance testing results

## Limited Good Faith Asbestos Survey 020-Ballard House

### Summarized Inspection and Assessment Results Ballard House

- PACM. wiring in Electrical base board heaters
- ACM in Unit Light Fixtures gasket and wiring
- ACM floor tile/mastic, sheet-vinyl/ mastic unless indicated below
- PACM Bathroom ceramic tile mastic
- ACM undercoating on Unit sinks if coated
- PACM all drywall/joint compound asbestos <1% asbestos\*
- PACM Interior stairwell and Elevator doors and garbage chute doors to have fire proof doors lined with asbestos
- PACM Elevator brakes
- PACM roofing material and vent seal

\*Please be aware that even though L&I doe's not consider results <1% to constitute an asbestos project. WISHA's work practices requirements as given in WAC 296-62-17712(2) particularly use of wet, non aggressive methods and prompt clean up. Vacuums used must be HEPA filtered. Workers training must include asbestos awareness and hands on training as given in WAC 296-62-07755(5). Respiratory protection must be based on overall dust levels. A competent person must be assigned and trained under the requirements of WAC 296-62-07728.

Any suspected material(s) not identified above should not be disturbed and should be tested immediately. The suspect material must be treated as asbestos-containing until testing proves otherwise.

### 020- Ballard House Unit Floor Abatement

Please SHA Call Hazmat Division @ (206) 770-6745 for updated unit abatement list.

Note\*- All units may still have asbestos flooring under the cabinets.

### Common Area Abatement

- Common Area Rest Rooms
- Community Rooms and Kitchens (Asbestos flooring under kitchen cabinets and dish washer)
- 1<sup>st</sup> Floor Ceiling tile

Report prepared by:

Terry Fyre   
AHERA Building Inspector #13444 (Exp. 9/13/12)

Report Reviewed by:

Lorrie Lord   
AHERA Building Inspector #122474 (Exp. 7/5/12)

Seattle Housing Authority, 810 MLK Jr. Way S, WA 98122 (206) 770-67

### Definitions:

ACM= Asbestos Containing Material PACM= Presumed Asbestos Containing Material  
UND= Undetermined TSI= Thermal System Insulation

## 1.0 SCOPE OF WORK

A limited investigative survey for asbestos-containing materials (ACM) was conducted at 020-Ballard House high-rise apartment building located at 2445 NW 57<sup>th</sup> Street, Seattle WA 98107. Building owned by Seattle Housing Authority, 190 Queen Anne Avenue North, Seattle, WA 98109. Please contact Lorrie Lord, SHA's Hazardous Materials Manager @ (206) 770-6745 with any questions.

The purpose of this inspection was to identify asbestos containing materials that would be impacted by Seattle Housing Authority staff for operations repairs, routine maintenance, remodeling, renovation or demolition and for outside construction contractor's.

This inspection was performed by Terry Fyre, an EPA AHERA Certified Building Inspector (Cert # 113444, expires September 13, 2012) and Vincent Scott (Cert # 112478, expires July 2012). Sampling was performed in selected accessible areas in common areas spaces and units. Inaccessible areas are defined as those requiring demolition such as chases in wall and ceiling cavities, fall protection or confined space entry protocol to gain access.

The asbestos survey section is written to comply with the AHERA asbestos sampling procedures as stated in 40 CFR 763.86. This protocol is required under the Puget Sound Clean Air Agency (PSCAA Regulation III, Article IV, rev. July 13, 2000) for all asbestos surveys prior to a building demolition.

The asbestos survey also satisfies the "good faith" asbestos inspection requirements as stated in Washington Administrative Code (WAC 296-62-077221(2), "identification"). As stated in this regulation, the owner of a structure scheduled to be renovated/demolished must provide a contractor with a written report of the Asbestos-Containing Materials to be disturbed during renovation/demolition.

The National Emission Standards for Hazardous Air Pollutants (NESHAP), 40 CFR Part 61 requires a survey by an accredited asbestos inspector prior to demolition of a structure.

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## 2.0 SURVEY METHOD

### Asbestos Survey Method

A walk-through inspection of all accessible areas of this structure was performed to identify potential asbestos-containing materials. The walk-through inspection included a review of the internal and external aspects of this structure. Prior to walk-through inspection, all asbestos sampling results and abatement records available were reviewed and noted.

Suspected asbestos-containing material was either tested or presumed to be asbestos-containing material. All samples, if taken, were given a unique identification number with sample location and description.

### Homogeneous Materials

Homogeneous materials are defined as an area of asbestos-containing material or presumed asbestos-containing material which appears similar throughout in terms of color, texture, and date of material application. The report listing for homogenous materials will appear as follows:

Sample No.	Sample Location	Material Description by Layer	Asbestos %	Quantity	Friable

Under OSHA Guidelines, a minimum of three negative analyses of a single suspect homogeneous material are required to prove a negative result for surfacing materials and thermal system insulation.

Limited selective demolition to access representative concealed spaces was not performed to inspect for suspected ACM's.

Suspected materials may exist in inaccessible areas encountered at Ballard House, such as in ceiling, wall and floor cavities, within or under concrete slab or in interstitial spaces. SHA endeavored to determine the presence and estimate the condition of suspect materials in all accessible areas. While SHA has presumed the presence or and endeavored to identify the ACM that may be found in the concealed locations, additional unidentified ACM may exist.

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### **3.0 LABORATORY INFORMATION**

#### **Laboratory Analysis: Asbestos**

Samples are analyzed in our laboratory using polarized light microscopy (PLM) with dispersion staining. If samples are not homogeneous, then sub-samples of the components are analyzed separately. All bulk samples are analyzed using EPA Method 600/R-93/116 with the following measurement uncertainties for reported % asbestos (1%=0-3%, 5%≥1-9%, 10%=5-15%, 20%=10-30%, 50%=40-60%).

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

#### **Laboratory Accreditation**

Professional accreditations for NVL Laboratories, Inc. include the following:

NVL Laboratories, Inc. is currently accredited by the National Institute of Standards and Technology (NIST) under the National Volunteer Laboratory Accreditation Program (NVLAP) program for bulk asbestos fiber analysis.

*NVLAP Lab Code 102063-0*

NVL Laboratories, Inc. is approved by the American Industrial Hygiene Association (AIHA) Asbestos Analysts Registry (AAR) program for airborne asbestos fiber analysis.

*AAR Counter ID 7412*

NVL Laboratories, Inc. is currently accredited by the American Industrial Hygiene Association (AIHA) under the Industrial Hygiene Laboratory Accreditation Program (IHLAP). The IHLAP program is designed specifically for laboratories involved in analyzing samples to evaluate workplace exposure.

*IHLAP Certification Number 563*

**Note: Some samples attached may have been taken by other outside agency's and where not analysis by NVL Laboratories.**

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#### **4.0 BUILDING DESCRIPTION**

020- Ballard House

**General Building Type:** Built 1969

High-rise apartment complex with 7 floors, 79 units and a basement.

**Units:** 1BR- 78      2BR- 1      Average Unit Sq. Ft.- 547

**Primary External Components:** Masonry

**Type of Foundation:** Concrete

**The roofing is made up:** Torch down 6/30/94

**Window Types:** Vinyl

**Flooring:** Carpet, Tile and Sheet vinyl

**Water Heater:** Gas

**Heat Type:** Electric Baseboard

**Thermal Systems with Insulation Types:**

Locations: Basement- Replaced by homeworks

All stack lines and elbows abated by homeworks

*Note: The possibility exists that additional ACMs may be present in wall and ceiling cavities. Any previously unidentified material encountered during construction activities should be sampled prior to impact. Work that may impact asbestos should only be performed by personnel having proper training and utilizing proper worker protection according to WISHA standards.*

**HVAC:** Location: Roof -Replaced by homeworks 2007- undetermined Asbestos

**Gaskets:** PACM    Cloth duct tape: PACM    Vibration Isolators: PACM

**Exterior Finishing:** N/A

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## Limited Good Faith Asbestos Survey **020-Ballard House**

### Limited Good Faith Asbestos Survey

Building Name Ballard House Yr. Built 1969 Sq.Ft. 43,684  
Building Address 2445 NW 57<sup>th</sup> Street Floors 7 Units 79 Basement: Yes

#### Managers Office:

Locations: 1<sup>st</sup> floor- Floors: Carpet, tile/mastic Ceiling: Ceiling tiles, Non ACM Walls: Block and drywall Baseboard Heat: PACM wiring insulation Lighting: Fluorescent

- *PACM tile/mastic under carpet*
- *Drywall tested <1% asbestos- use safe work practices*
- *PACM heater wiring insulation*

#### 1<sup>st</sup> Lobby and Hallway

Locations: 1<sup>st</sup> floor- Floor: Carpet, tile/mastic Ceiling: New Ceiling tiles, Non ACM Walls: Block Baseboard Heat: PACM wiring insulation Lighting: Fluorescent

- *PACM tile/mastic under carpet*
- *PACM heater wiring insulation*

#### Community Room/Kitchen

Locations: 1<sup>st</sup> floor- Floor: Non ACM Tile/mastic, Hazmat abated Ceiling: Non ACM Ceiling Tiles, Walls-Block and drywall Baseboard Heater: PACM wiring insulation

- *Drywall tested <1% asbestos- use safe work practices*
- *PACM heater wiring insulation*

*Note: Potential asbestos flooring and or mastic under cabinets*

#### Common Area Restrooms: Men's/Women's

Locations: 1<sup>st</sup> floor – Floors: Abated Hazmat No ACM Ceiling: Drywall Walls: Drywall

- *Drywall tested <1% asbestos- use safe work practices*

#### Garbage Room

Location: 1<sup>st</sup> floor- Floors: concrete Walls: block and brick, New water lines

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## Limited Good Faith Asbestos Survey **020-Ballard House**

### **Laundry Room:**

Locations: 2<sup>nd</sup> Floor- Floor: 12" Floor Tile Ceiling: Glued on Tiles, **No ACM** Walls: Block and Drywall

- *ACM floor tile and mastic*
- *Drywall tested <1% asbestos- use safe work practices*

### **Mechanical Room:**

Location: Basement: Floor: Concrete Ceiling: Block Walls: Concrete Electric water heater replaced by homeworks, all new pipe insulation, all new water lines

**Elevator Room Location:** Roof- Block walls and ceiling, painted concrete floor

**Elevators:** Floors: **No ACM** Hazmat abated Walls: **No ACM** Hazmat abated

Elevator Brake Pads: **PACM** Doors: **PACM**

### **Fire Doors:**

Locations: Stairwell doors, Basement storage door and Trash chute doors

- *PACM in fire doors*

### **Electrical Meter Rooms:**

Location: Basement Floors: Concrete Ceiling: Block Walls: Block and Concrete

### **Janitor Rooms:**

Locations: Floor 2-6 Floors: Tile and concrete Ceiling: Concrete Walls: Block and Concrete

- *ACM floor tile and mastic*

### **Hallways:**

Locations: Floor 2-6 Floors: Carpeted; Tile under carpet **PACM** Ceiling: Non ACM Glued on acoustical tiles Walls: Block

- *ACM floor tile and mastic*

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Limited Good Faith Asbestos Survey **020-Ballard House**

**Stairwells:** Floors: Concrete Walls: Brick and Block Ceiling: Concrete

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- **East Stairwell- ACM pipe fittings on Fire Risers**

**Electric Heater:** Common Areas/Hallways Baseboard: X

Insulation: PACM Wiring: PACM

**Units**

Floors: Tile: Carpet and ACM tile/mastic Some units abated, Call Hazmat for list.

Sheet-vinyl: ACM/Mastic Cove base Mastic: ND Sink undercoating: **PACM if coated**

Walls/Ceiling: drywall/joint <1% Bathroom: Ceramic tile mastic: \_\_\_\_\_

Lighting: PACM gasket and or wiring Heater: Baseboard: PACM

**Call Hazmat for list of units that have had asbestos floor abatement.**

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**Exterior:** Siding Concrete: X Brick: \_\_\_\_\_ Block: X

Drywall/Joint Compound: \_\_\_\_\_ Siding Vapor Paper PACM Asbestos Board: \_\_\_\_\_

**Roof:**

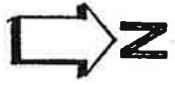
Built Up: Repairs 2007 PACM Mastic Roof Paper/Felt PACM

Vents: **PACM seal coating**

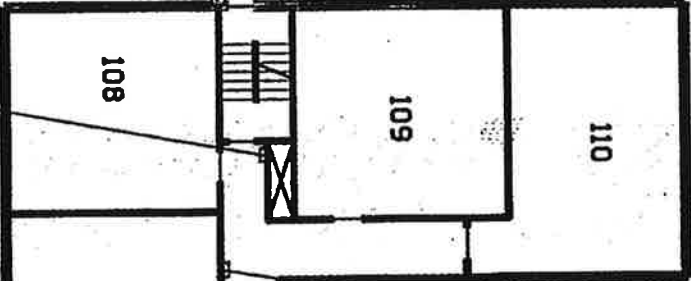
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FIRE DEPARTMENT CONNECTION







108

109

110

LEGEND

-  - FIRE HOSE
-  - FIRE ALARM PULL STATION
-  - FIRE EXTINGUISHER
-  - ELEVATOR

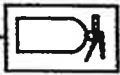


107

106

HUMAN AND HEALTH SERVICES ROOM

104



ANNUNCIATOR

SPRINKLER VALVE

FIRE DEPARTMENT CONNECTION



COMMUNITY ROOM

KEY BOX



Seattle Housing Authority

VP.S. SEPT. 26, 1994

BALLARD HOUSE

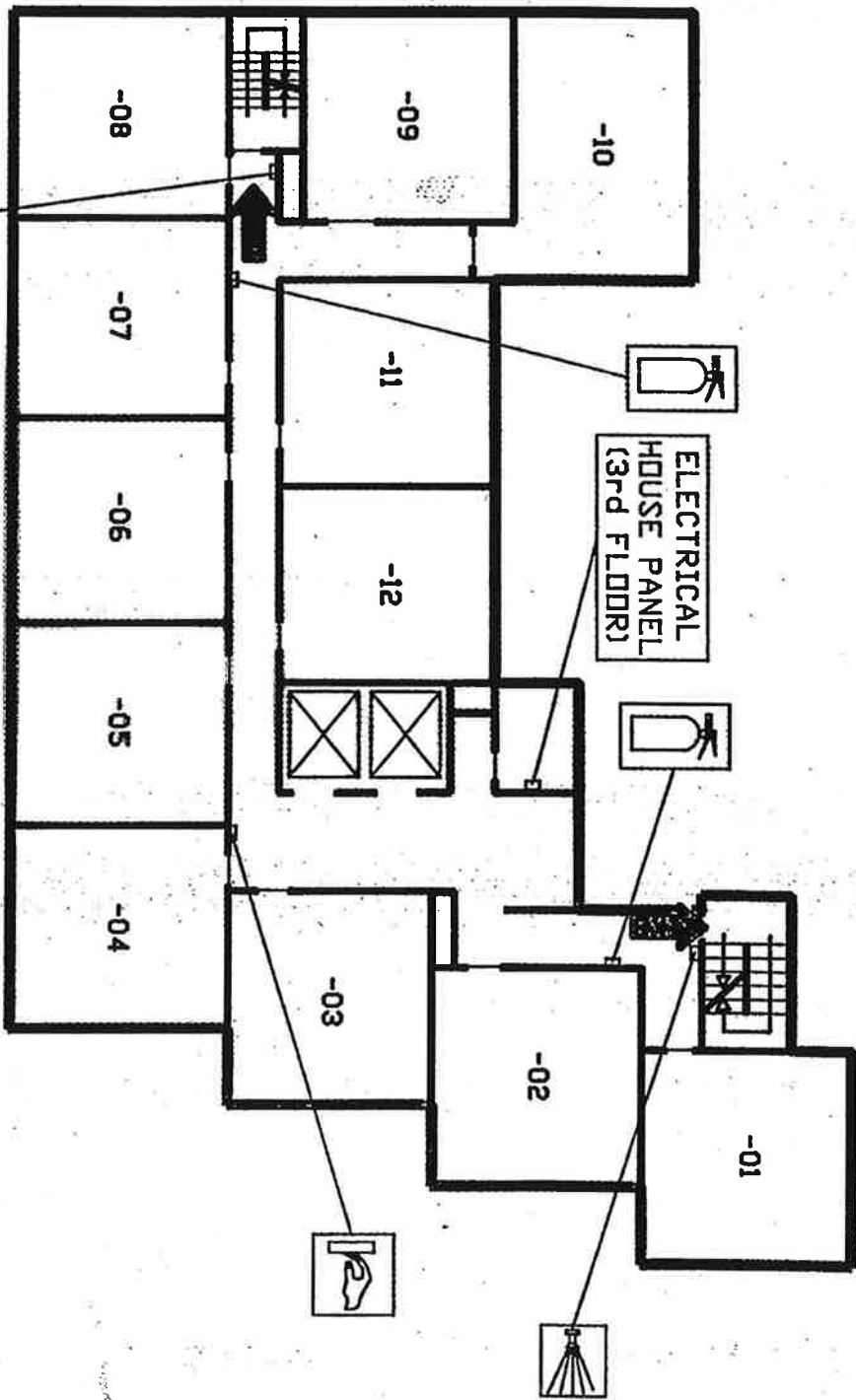
2445 N.W. 57th STREET  
SEATTLE, WASHINGTON

1st FLOOR



- FIRE HOSE
- FIRE ALARM PULL STATION
- FIRE EXTINGUISHER
- ELEVATOR

LEGEND



Seattle Housing Authority

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BALLARD HOUSE

2445 N.W. 57th STREET  
SEATTLE, WASHINGTON

TYPICAL FLOORS  
2 THRU 7

Limited Good Faith Asbestos Survey 020-Ballard House

Asbestos Sample Results

Sample No.	Sample Location	Material Description by Layer	Asbestos %	Quantity	Friable
080411TFAB01	2 <sup>nd</sup> floor hall N. dropped ceiling tile	Layer 1: Gray compressed fibrous material w/paint. Layer 2: brown brittle mastic	ND ND	**See note below	NA
080411TFAB02	2 <sup>nd</sup> floor hall W. dropped ceiling tile	Layer 1: Gray compressed fibrous material w/paint. Layer 2: Trace brown mastic	ND ND	**See note below	NA
080411TFAB03	3 <sup>rd</sup> floor hall N. dropped ceiling tile	Layer 1: White compacter powdery material. w/paint Layer 2: Gray compressed fibrous material. Layer 3: brown brittle mastic	ND ND ND	**See note below	NA
080411TFAB04	3 <sup>rd</sup> floor hall W. dropped ceiling tile	Layer 1: White compacter powdery material. w/paint Layer 2: Gray compressed fibrous material.	ND ND	**See note below	NA
080411TFAB05	4 <sup>th</sup> floor hall N. dropped ceiling tile	Layer 1: White compacter powdery material. w/paint Layer 2: Gray compressed fibrous material.	ND ND	**See note below	NA
080411TFAB06	4 <sup>th</sup> floor hall W. dropped ceiling tile	Layer 1: White compacter powdery material. w/paint Layer 2: Gray compressed fibrous material.	ND ND	**See note below	NA
080411TFAB07	4 <sup>th</sup> floor hall by elevator dropped ceiling tile	Layer 1: White compacter powdery material. w/paint Layer 2: Gray compressed fibrous material.	ND ND	**See note below	NA
080411TFAB08	4 <sup>th</sup> floor hall by Janitor door dropped ceiling tile	Layer 1: White compacter powdery material. w/paint Layer 2: Gray compressed fibrous material.	ND ND	**See note below	NA
080411TFAB09	5 <sup>th</sup> floor hall by Janitor door dropped ceiling tile	Layer 1: White compacter powdery material. w/paint Layer 2: Gray compressed fibrous material.	ND ND	**See note below	NA
080411TFAB10	5 <sup>th</sup> floor hall W. dropped ceiling tile	Layer 1: White compacter powdery material. w/paint Layer 2: Gray compressed fibrous material.	ND ND	**See note below	NA
080411TFAB11	6 <sup>th</sup> floor hall by elevator dropped ceiling tile	Layer 1: White compacter powdery material. w/paint Layer 2: Gray compressed fibrous material. Layer 3: brown brittle mastic	ND ND ND	**See note below	NA
080411TFAB12	6 <sup>th</sup> floor hall N. dropped ceiling tile	Layer 1: White compacter powdery material. w/paint Layer 2: Gray compressed fibrous material. Layer 3: brown brittle mastic	ND ND ND	**See note below	NA

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**Limited Good Faith Asbestos Survey 020-Ballard House**

080411TFAB13	7 <sup>th</sup> floor hall W. dropped ceiling tile	Layer 1: White compacter powdery material. w/paint Layer 2: Gray compressed fibrous material. Layer 3: brown brittle mastic	ND ND ND	**See note below	NA
080411TFAB14	7 <sup>th</sup> floor hall N. dropped ceiling tile	Layer 1: White compacter powdery material. w/paint Layer 2: Gray compressed fibrous material. Layer 3: brown brittle mastic	ND ND ND	**See note below	NA
111108TFAB03	Unit 602 bathroom ceiling	Layer 1: Off-white compact powdery material w/paint Layer 2: Off-white chalky material w/paper	<b>1. Chrysotile 2%*</b> <b>2. ND</b>	**See note below	Yes
121708TFAB01	Unit 609 Living room drywall	Layer 1: Off-white compact powdery material w/paint Layer 2: Off-white chalky material w/paper	ND ND	**See note below	NA
031609TFAB02	Unit 301 Living room drywall	Layer 1: Off-white compact powdery material w/paint	ND	**See note below	NA
12709TFAB01	1st floor office drywall E.	Layer 1: Blue paper w/ adhesive Layer 2: Off-white powdery material w/paper Layer 3: Off-white powdery material w/paper Layer 4: Off-white chalky material with paper	ND ND ND ND	**See note below	NA
022696JCAB09	3 <sup>rd</sup> Fl. Janitor room cove base mastic	Brown mastic	ND	**See note below	NA
022696JCAB10	3 <sup>rd</sup> floor Hallway Tile and mastic	Layer 1 white vinyl Layer 2 black mastic	<b>L 1- 5% Chrysotile L 2 -10% Chrysotile</b>	**See note below	NA
012397TFAB01	Unit 401 Kitchen light fixture gasket	Brown/gray clump of fibers	<b>80% Chrysotile</b>	**See note below	Yes
012397TFAB02	Unit 401 Kitchen light fixture wiring	L:1 white fibrous crumbly matrix L1: Tan fibrous material	<b>L1- 32% Chrysotile L2- ND</b>	**See note below	Yes

**Type of asbestos present in samples identified = Chrysotile**

**\*Composite analysis for whole drywall sample is less than 1% asbestos**

**\*\*Quantities must be verified by asbestos abatement contractor**

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**NVL Laboratories, Inc.**

4708 Aurora Ave N, Seattle, WA 98103

Tel: 206.547.0100 Emerg. Cell: 206.914.4646

Fax: 206.634.1936 1.888.NVL.LABS (685.5227)

**CHAIN of CUSTODY  
SAMPLE LOG**

**NVL**  
BATCH ID  
**3110995.00**

Client Seattle Housing Authority  
Street 3803 S Willow St.  
Seattle, WA 98118

NVL Batch Number \_\_\_\_\_  
Client Job Number 803921 OD

Project Manager Mr. Terry Fyre  
Project Location 020 - Common Hallways  
2445 NW 5th

Total Samples \_\_\_\_\_  
Turn Around Time  1-Hr  8-Hrs  2 Days  5 Days  
 2-Hrs  12-Hrs  3 Days  6-10 Day  
 4-Hrs  24-Hrs  4 Days

Please call for TAT less than 24 Hrs

Email address tfyre@seattlehousing.org

Phone: (206) 722-2641 Fax: (206) 722-2814

Cell: (206) 786-8578

<input type="checkbox"/> Asbestos Air	<input type="checkbox"/> PCM (NIOSH 7400)	<input type="checkbox"/> TEM (NIOSH 7402)	<input type="checkbox"/> TEM (AHERA)	<input type="checkbox"/> TEM (EPA Level II)	<input type="checkbox"/> Other
<input checked="" type="checkbox"/> Asbestos Bulk	<input checked="" type="checkbox"/> PLM (EPA/600/R-93/116)	<input type="checkbox"/> PLM (EPA Point Count)	<input type="checkbox"/> PLM (EPA Gravimetry)	<input type="checkbox"/> TEM BULK	
<input type="checkbox"/> Mold/Fungus	<input type="checkbox"/> Mold Air	<input type="checkbox"/> Mold Bulk	<input type="checkbox"/> Rotometer Calibration		
<b>METALS</b>	<b>Det. Limit</b>	<b>Matrix</b>	<b>RCRA Metals</b>	<input type="checkbox"/> All 8	<b>Other Metals</b>
<input type="checkbox"/> Total Metals	<input type="checkbox"/> FAA (ppm)	<input type="checkbox"/> Air Filter	<input type="checkbox"/> Arsenic (As)	<input type="checkbox"/> Chromium (Cr)	<input type="checkbox"/> All 3
<input type="checkbox"/> TCLP	<input type="checkbox"/> ICP (ppm)	<input type="checkbox"/> Drinking water	<input type="checkbox"/> Barium (Ba)	<input type="checkbox"/> Lead (Pb)	<input type="checkbox"/> Copper (Cu)
<input type="checkbox"/> Cr 6	<input type="checkbox"/> GFAA (ppl)	<input type="checkbox"/> Dust/wipe (Area)	<input type="checkbox"/> Cadmium (Cd)	<input type="checkbox"/> Mercury (Hg)	<input type="checkbox"/> Nickel (Ni)
<input type="checkbox"/> Other Types of Analysis	<input type="checkbox"/> Fiberglass	<input type="checkbox"/> Silica	<input type="checkbox"/> Nuisance Dust	<input type="checkbox"/> Respirable Dust	<input type="checkbox"/> Other (Specify) _____

Condition of Package:  Good  Damaged (no spillage)  Severe damage (spillage)

Seq. #	Lab ID	Client Sample Number	Comments (e.g Sample are, Sample Volume, etc)	A/R
1		080411TFAB01	2 <sup>nd</sup> Floor Hallway North Drop Ceiling Tiles	
2		080411TFAB02	2 <sup>nd</sup> Floor Hallway West Drop Ceiling Tiles	
3		080411TFAB03	3 <sup>rd</sup> Floor Hallway North Drop Ceiling Tiles	
4		080411TFAB04	3 <sup>rd</sup> Floor Hallway West Drop Ceiling Tiles	
5		080411TFAB05	4 <sup>th</sup> Floor Hallway North Drop Ceiling Tiles	
6		080411TFAB06	4 <sup>th</sup> Floor Hallway West Drop Ceiling Tiles	
7		080411TFAB07	4 <sup>th</sup> Floor Hallway Outside Elevator Drop Ceiling Tiles	
8		080411TFAB08	4 <sup>th</sup> Floor Hallway Outside Janitor Closet Drop Ceiling Tiles	
9		080411TFAB09	5 <sup>th</sup> Floor Hallway Outside Janitor Closet Drop Ceiling Tiles	
10		080411TFAB10	5 <sup>th</sup> Floor Hallway West Drop Ceiling Tiles	
11		080411TFAB11	6 <sup>th</sup> Floor Hallway Outside Elevator Drop Ceiling Tiles	
12		080411TFAB12	6 <sup>th</sup> Floor Hallway North Drop Ceiling Tiles	
13		080411TFAB13	7 <sup>th</sup> Floor Hallway West Drop Ceiling Tiles	
14		080411TFAB14	7 <sup>th</sup> Floor Hallway North Drop Ceiling Tiles	
15				

	Print Below	Sign Below	Company	Date	Time
Sampled by	<i>[Signature]</i>	<i>[Signature]</i>	SEA	8/4/11	9:45 A.M.
Relinquished by	<i>Terry Fyre</i>	<i>[Signature]</i>	SEA	8/5/11	9:50 A.M.
Received by	<i>Midon Kele</i>	<i>[Signature]</i>	NVL	8-5-11	9:50
Analyzed by	<i>Jessica Locke</i>	<i>[Signature]</i>	NVL	8/10/11	0940
Results Called by					
Results Faxed by					

**Special Instructions:** Unless requested in writing, all samples will be disposed of two (2) weeks after analysis.  
E-mail results to Terry Fyre and CC to Lorrie Lord



# NVL Laboratories, Inc.

4708 Aurora Ave. N., Seattle, WA 98103  
Tel: 206.547.0100, Fax: 206.634.1936  
www.nvllabs.com



For the scope of accreditation under NVLAP Lab Code 102063-0

## Bulk Asbestos Fibers Analysis

By Polarized Light Microscopy

Client: Seattle Housing Authority  
Address: 3803 S Willow St.  
Seattle, WA 98118

**Batch #: 3110995.00**  
Client Project #: 803921 OD  
Date Received: 08/05/2011  
Samples Received: 14  
Samples Analyzed: 14  
Method: EPA/600R-93/116

**Attention: Mr. Terry Fyre**

Project Location: 020- Common Hallways 2445 NW. 57th

---

**Lab ID: 31057963      Client Sample #: 080411TFAB01**

Location: 020- Common Hallways 2445 NW. 57th

**Layer 1 of 2      Description:** Gray compressed fibrous material with paint

Non-Fibrous Materials:	Other Fibrous Materials: %	<b>Asbestos Type: %</b> <b>None Detected ND</b>
Binder/Filler, Perlite, Glass beads	Cellulose 31%	
Paint	Glass fibers 34%	

**Layer 2 of 2      Description:** Trace brown brittle mastic

Non-Fibrous Materials:	Other Fibrous Materials: %	<b>Asbestos Type: %</b> <b>None Detected ND</b>
Mastic/Binder	Cellulose 6%	

---

**Lab ID: 31057964      Client Sample #: 080411TFAB02**

Location: 020- Common Hallways 2445 NW. 57th

**Layer 1 of 2      Description:** Gray compressed fibrous material with paint

Non-Fibrous Materials:	Other Fibrous Materials: %	<b>Asbestos Type: %</b> <b>None Detected ND</b>
Binder/Filler, Perlite, Glass beads	Cellulose 28%	
Paint	Glass fibers 37%	

**Layer 2 of 2      Description:** Trace brown brittle mastic

Non-Fibrous Materials:	Other Fibrous Materials: %	<b>Asbestos Type: %</b> <b>None Detected ND</b>
Mastic/Binder	Cellulose 5%	

---

**Lab ID: 31057965      Client Sample #: 080411TFAB03**

Location: 020- Common Hallways 2445 NW. 57th

**Layer 1 of 3      Description:** Trace white compacted powdery material with paint

Non-Fibrous Materials:	Other Fibrous Materials: %	<b>Asbestos Type: %</b> <b>None Detected ND</b>
Calcareous binder, Calcareous particles, Paint	Cellulose 4%	

**Layer 2 of 3      Description:** Gray compressed fibrous material

Non-Fibrous Materials:	Other Fibrous Materials: %	<b>Asbestos Type: %</b> <b>None Detected ND</b>
Binder/Filler, Perlite, Fine particles	Cellulose 30%	

**Sampled by:** Client

**Analyzed by:** Jessica Luedke

**Reviewed by:** Nick Ly

**Date:** 08/10/2011

**Date:** 08/10/2011

  
Nick Ly, Technical Director

Note: If samples are not homogeneous, then subsamples of the components were analyzed separately. All bulk samples are analyzed using EPA 600/R-93/116 Method 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.

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www.nvllabs.com

For the scope of accreditation under NVLAP Lab Code 102063-0

## Bulk Asbestos Fibers Analysis

By Polarized Light Microscopy

Client: Seattle Housing Authority  
Address: 3803 S Willow St.  
Seattle, WA 98118

**Batch #: 3110995.00**  
Client Project #: 803921 OD  
Date Received: 08/05/2011  
Samples Received: 14  
Samples Analyzed: 14  
Method: EPA/600R-93/116

**Attention: Mr. Terry Fyre**

Project Location: 020- Common Hallways 2445 NW. 57th

Layer 3 of 3	Description: Trace brown brittle mastic	Glass fibers 35%		
	Non-Fibrous Materials:	Other Fibrous Materials:%	<b>Asbestos Type: %</b>	
	Mastic/Binder	Cellulose 5%	<b>None Detected ND</b>	

**Lab ID: 31057966 Client Sample #: 080411TFAB04**

Location: 020- Common Hallways 2445 NW. 57th

Layer 1 of 2	Description: Trace white compacted powdery material with paint			
	Non-Fibrous Materials:	Other Fibrous Materials:%	<b>Asbestos Type: %</b>	
	Calcareous binder, Calcareous particles, Paint	Cellulose 3%	<b>None Detected ND</b>	
Layer 2 of 2	Description: Gray compressed fibrous material			
	Non-Fibrous Materials:	Other Fibrous Materials:%	<b>Asbestos Type: %</b>	
	Binder/Filler, Perlite, Fine particles	Cellulose 36%	<b>None Detected ND</b>	
		Glass fibers 32%		

**Lab ID: 31057967 Client Sample #: 080411TFAB05**

Location: 020- Common Hallways 2445 NW. 57th

Layer 1 of 2	Description: Trace white compacted powdery material with paint			
	Non-Fibrous Materials:	Other Fibrous Materials:%	<b>Asbestos Type: %</b>	
	Calcareous binder, Calcareous particles, Paint	Cellulose 4%	<b>None Detected ND</b>	
Layer 2 of 2	Description: Brown compressed fibrous material			
	Non-Fibrous Materials:	Other Fibrous Materials:%	<b>Asbestos Type: %</b>	
	Binder/Filler, Glass beads, Glass shots & debris	Cellulose 29%	<b>None Detected ND</b>	
		Glass fibers 37%		

**Lab ID: 31057968 Client Sample #: 080411TFAB06**

Location: 020- Common Hallways 2445 NW. 57th

**Sampled by:** Client

**Analyzed by:** Jessica Luedke

**Reviewed by:** Nick Ly

**Date:** 08/10/2011

**Date:** 08/10/2011

  
Nick Ly, Technical Director

Note: If samples are not homogeneous, then subsamples of the components were analyzed separately. All bulk samples are analyzed using EPA 600/R-93/116 Method 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.

**Bulk Asbestos Fibers Analysis**

By Polarized Light Microscopy

Client: Seattle Housing Authority  
 Address: 3803 S Willow St.  
 Seattle, WA 98118

**Batch #: 3110995.00**  
 Client Project #: 803921 OD  
 Date Received: 08/05/2011  
 Samples Received: 14  
 Samples Analyzed: 14  
 Method: EPA/600R-93/116

**Attention: Mr. Terry Fyre**

Project Location: 020- Common Hallways 2445 NW. 57th

<p><b>Layer 1 of 2</b>    <b>Description:</b> Trace white compacted powdery material with paint</p> <p style="padding-left: 100px;">Non-Fibrous Materials:                      Other Fibrous Materials:%</p> <p style="padding-left: 100px;">Calcareous binder, Calcareous particles, Paint                      Cellulose    5%</p>	<p><b>Asbestos Type: %</b> <b>None Detected ND</b></p>
<p><b>Layer 2 of 2</b>    <b>Description:</b> Gray compressed fibrous material</p> <p style="padding-left: 100px;">Non-Fibrous Materials:                      Other Fibrous Materials:%</p> <p style="padding-left: 100px;">Binder/Filler, Fine particles, Perlite                      Cellulose    36%</p> <p style="padding-left: 100px;">Glass fibers    31%</p>	<p><b>Asbestos Type: %</b> <b>None Detected ND</b></p>

**Lab ID: 31057969                      Client Sample #: 080411TFAB07**

Location: 020- Common Hallways 2445 NW. 57th

<p><b>Layer 1 of 2</b>    <b>Description:</b> Trace white compacted powdery material with paint</p> <p style="padding-left: 100px;">Non-Fibrous Materials:                      Other Fibrous Materials:%</p> <p style="padding-left: 100px;">Calcareous binder, Calcareous particles, Paint                      Cellulose    4%</p>	<p><b>Asbestos Type: %</b> <b>None Detected ND</b></p>
<p><b>Layer 2 of 2</b>    <b>Description:</b> Gray compressed fibrous material</p> <p style="padding-left: 100px;">Non-Fibrous Materials:                      Other Fibrous Materials:%</p> <p style="padding-left: 100px;">Binder/Filler, Fine particles, Perlite                      Cellulose    35%</p> <p style="padding-left: 100px;">Glass fibers    33%</p>	<p><b>Asbestos Type: %</b> <b>None Detected ND</b></p>

**Lab ID: 31057970                      Client Sample #: 080411TFAB08**

Location: 020- Common Hallways 2445 NW. 57th

<p><b>Layer 1 of 2</b>    <b>Description:</b> Trace white compacted powdery material with paint</p> <p style="padding-left: 100px;">Non-Fibrous Materials:                      Other Fibrous Materials:%</p> <p style="padding-left: 100px;">Calcareous binder, Calcareous particles, Paint                      Cellulose    4%</p>	<p><b>Asbestos Type: %</b> <b>None Detected ND</b></p>
<p><b>Layer 2 of 2</b>    <b>Description:</b> Brown compressed fibrous material</p> <p style="padding-left: 100px;">Non-Fibrous Materials:                      Other Fibrous Materials:%</p> <p style="padding-left: 100px;">Binder/Filler, Glass beads, Glass shots &amp; debris                      Cellulose    27%</p> <p style="padding-left: 100px;">Glass fibers    35%</p>	<p><b>Asbestos Type: %</b> <b>None Detected ND</b></p>

**Sampled by:** Client

**Analyzed by:** Jessica Luedke

**Reviewed by:** Nick Ly

**Date:** 08/10/2011

**Date:** 08/10/2011

Nick Ly, Technical Director

Note: If samples are not homogeneous, then subsamples of the components were analyzed separately. All bulk samples are analyzed using EPA 600/R-93/116 Method 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 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.

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www.nvllabs.com



For the scope of accreditation under NVLAP Lab Code 102063-0

## Bulk Asbestos Fibers Analysis

By Polarized Light Microscopy

Client: Seattle Housing Authority  
Address: 3803 S Willow St.  
Seattle, WA 98118

**Batch #: 3110995.00**  
Client Project #: 803921 OD  
Date Received: 08/05/2011  
Samples Received: 14  
Samples Analyzed: 14  
Method: EPA/600R-93/116

**Attention: Mr. Terry Fyre**

Project Location: 020- Common Hallways 2445 NW. 57th

---

### Lab ID: 31057971 Client Sample #: 080411TFAB09

Location: 020- Common Hallways 2445 NW. 57th

Layer 1 of 2	Description: Trace white compacted powdery material with paint			
	Non-Fibrous Materials:	Other Fibrous Materials:%		<b>Asbestos Type: %</b>
	Calcareous binder, Calcareous particles, Paint	Cellulose 5%		<b>None Detected ND</b>
Layer 2 of 2	Description: Brown compressed fibrous material			
	Non-Fibrous Materials:	Other Fibrous Materials:%		<b>Asbestos Type: %</b>
	Binder/Filler, Glass beads, Glass shots & debris	Cellulose 29%		<b>None Detected ND</b>
		Glass fibers 36%		

---

### Lab ID: 31057972 Client Sample #: 080411TFAB10

Location: 020- Common Hallways 2445 NW. 57th

Layer 1 of 2	Description: Trace white compacted powdery material with paint			
	Non-Fibrous Materials:	Other Fibrous Materials:%		<b>Asbestos Type: %</b>
	Calcareous binder, Calcareous particles, Paint	Cellulose 3%		<b>None Detected ND</b>
Layer 2 of 2	Description: Brown compressed fibrous material			
	Non-Fibrous Materials:	Other Fibrous Materials:%		<b>Asbestos Type: %</b>
	Binder/Filler, Glass beads, Glass shots & debris	Cellulose 30%		<b>None Detected ND</b>
		Glass fibers 38%		

---

### Lab ID: 31057973 Client Sample #: 080411TFAB11

Location: 020- Common Hallways 2445 NW. 57th

Layer 1 of 3	Description: White compacted powdery material with paint			
	Non-Fibrous Materials:	Other Fibrous Materials:%		<b>Asbestos Type: %</b>
	Calcareous binder, Calcareous particles, Paint	Cellulose 3%		<b>None Detected ND</b>
Layer 2 of 3	Description: Gray compressed fibrous material			
	Non-Fibrous Materials:	Other Fibrous Materials:%		<b>Asbestos Type: %</b>
	Binder/Filler, Fine particles, Perlite	Cellulose 32%		<b>None Detected ND</b>

**Sampled by:** Client

**Analyzed by:** Jessica Luedke

**Reviewed by:** Nick Ly

**Date:** 08/10/2011

**Date:** 08/10/2011

  
Nick Ly, Technical Director

Note: If samples are not homogeneous, then subsamples of the components were analyzed separately. All bulk samples are analyzed using EPA 600/R-93/116 Method 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.

Bulk Asbestos Fibers Analysis

By Polarized Light Microscopy

Client: Seattle Housing Authority  
Address: 3803 S Willow St.  
Seattle, WA 98118

Attention: Mr. Terry Fyre  
Project Location: 020- Common Hallways 2445 NW. 57th

Batch #: 3110995.00  
Client Project #: 803921 OD  
Date Received: 08/05/2011  
Samples Received: 14  
Samples Analyzed: 14  
Method: EPA/600R-93/116

			Glass fibers 30%	
Layer 3 of 3	Description: Trace brown brittle mastic			
	Non-Fibrous Materials:	Other Fibrous Materials:%		Asbestos Type: %
	Mastic/Binder	Cellulose 4%		None Detected ND

Lab ID: 31057974 Client Sample #: 080411TFAB12  
Location: 020- Common Hallways 2445 NW. 57th

Layer 1 of 3	Description: White compacted powdery material with paint			
	Non-Fibrous Materials:	Other Fibrous Materials:%		Asbestos Type: %
	Calcareous binder, Calcareous particles, Paint	Cellulose 4%		None Detected ND

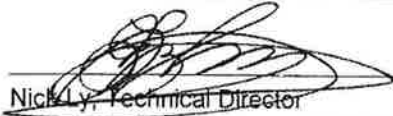
Layer 2 of 3	Description: Gray compressed fibrous material			
	Non-Fibrous Materials:	Other Fibrous Materials:%		Asbestos Type: %
	Binder/Filler, Fine particles, Perlite	Cellulose 35%		None Detected ND
		Glass fibers 31%		

Layer 3 of 3	Description: Trace brown brittle mastic			
	Non-Fibrous Materials:	Other Fibrous Materials:%		Asbestos Type: %
	Mastic/Binder	Cellulose 4%		None Detected ND

Lab ID: 31057975 Client Sample #: 080411TFAB13  
Location: 020- Common Hallways 2445 NW. 57th

Layer 1 of 3	Description: White compacted powdery material with paint			
	Non-Fibrous Materials:	Other Fibrous Materials:%		Asbestos Type: %
	Calcareous binder, Calcareous particles, Paint	Cellulose 5%		None Detected ND

Layer 2 of 3	Description: Gray compressed fibrous material			
	Non-Fibrous Materials:	Other Fibrous Materials:%		Asbestos Type: %
	Binder/Filler, Fine particles, Perlite	Cellulose 37%		None Detected ND
		Glass fibers 32%		

Sampled by: Client		
Analyzed by: Jessica Luedke	Date: 08/10/2011	
Reviewed by: Nick Ly	Date: 08/10/2011	

Note: If samples are not homogeneous, then subsamples of the components were analyzed separately. All bulk samples are analyzed using EPA 600/R-93/116 Method 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.

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For the scope of accreditation under NVLAP Lab Code 102063-0

## Bulk Asbestos Fibers Analysis

By Polarized Light Microscopy

Client: Seattle Housing Authority  
Address: 3803 S Willow St.  
Seattle, WA 98118

**Batch #: 3110995.00**

Client Project #: 803921 OD

Date Received: 08/05/2011

Samples Received: 14

Samples Analyzed: 14

Method: EPA/600R-93/116

**Attention: Mr. Terry Fyre**  
Project Location: 020- Common Hallways 2445 NW. 57th

---

<b>Layer 3 of 3</b>	<b>Description:</b> Trace brown brittle mastic	Non-Fibrous Materials:	Other Fibrous Materials: %	<b>Asbestos Type: %</b>
		Mastic/Binder	Cellulose 5%	<b>None Detected ND</b>

---

**Lab ID: 31057976**      **Client Sample #: 080411TFAB14**

Location: 020- Common Hallways 2445 NW. 57th

<b>Layer 1 of 3</b>	<b>Description:</b> White compacted powdery material with paint	Non-Fibrous Materials:	Other Fibrous Materials: %	<b>Asbestos Type: %</b>
		Calcareous binder, Calcareous particles, Paint	Cellulose 4%	<b>None Detected ND</b>

<b>Layer 2 of 3</b>	<b>Description:</b> Gray compressed fibrous material	Non-Fibrous Materials:	Other Fibrous Materials: %	<b>Asbestos Type: %</b>
		Binder/Filler, Fine particles, Perlite	Cellulose 35%	<b>None Detected ND</b>
			Glass fibers 32%	

<b>Layer 3 of 3</b>	<b>Description:</b> Trace brown brittle mastic	Non-Fibrous Materials:	Other Fibrous Materials: %	<b>Asbestos Type: %</b>
		Mastic/Binder	Cellulose 5%	<b>None Detected ND</b>

**Sampled by:** Client

**Analyzed by:** Jessica Luedke

**Reviewed by:** Nick Ly

**Date:** 08/10/2011

**Date:** 08/10/2011

  
Nick Ly, Technical Director

Note: If samples are not homogeneous, then subsamples of the components were analyzed separately. All bulk samples are analyzed using EPA 600/R-93/116 Method 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.

August 10, 2011

Terry Fyre  
**Seattle Housing Authority**  
3803 S Willow St.  
Seattle, WA 98118



**RE: Bulk Asbestos Fiber Analysis, NVL Batch # 3110995.00**

Dear Mr. Fyre,

Enclosed please find test results for the bulk samples submitted to our laboratory for analysis. 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/600/R-93/116 Test Method.

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 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. If you would like us to further refine the concentration estimates of asbestos in these samples using point counting, please let me know.

This report is considered highly confidential and will not be released without your approval. 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,



Nick Ly, Technical Director

NVL LABORATORIES, INC  
4708 AURORA AVE N  
SEATTLE, WA 98103.6516  
TEL 206.547.0100  
FAX 206.634.1936  
nvlabs@nvlabs.com

**NVLAP** Lab Code 102063-0

Enc.: Sample Results

www.nvlabs.com  
1.888.NVL.LABS (665.5227)

# NVL Laboratories, Inc.

4708 Aurora Ave N, Seattle, WA 98103

Tel: 206.547.0100 Emerg. Cell: 206.914.4646

Fax: 206.634.1936 1.888.NVL.LABS (685.5227)

## CHAIN of CUSTODY SAMPLE LOG

BATCH ID

020

2814302.00

Client Seattle Housing Authority

Street 7500 Detroit Ave. SW  
Seattle, WA 98126

Project Manager Mr. Terry Fyre

Project Location 020-602 Ballard  
2445 N.W. 57<sup>th</sup> ST.

NVL Batch Number \_\_\_\_\_

Client Job Number 75376 OD

Total Samples 1

Turn Around Time  1-Hr  8-Hrs  2 Days  5 Days  
 2-Hrs  12-Hrs  3 Days  6-10 Day  
 4-Hrs  24-Hrs  4 Days

Please call for TAT less than 24 Hrs

Email address tfyre@seattlehousing.org

Phone: (206) 510-9141 Fax: (206) 767-4350

Cell: (206) 786-8578

<input type="checkbox"/> Asbestos Air	<input type="checkbox"/> PCM (NIOSH 7400)	<input type="checkbox"/> TEM (NIOSH 7402)	<input type="checkbox"/> TEM (AHERA)	<input type="checkbox"/> TEM (EPA Level II)	<input type="checkbox"/> Other
<input checked="" type="checkbox"/> Asbestos Bulk	<input checked="" type="checkbox"/> PLM (EPA/600/R-93/116)	<input type="checkbox"/> PLM (EPA Point Count)	<input type="checkbox"/> PLM (EPA Gravimetry)	<input type="checkbox"/> TEM BULK	
<input type="checkbox"/> Mold/Fungus	<input type="checkbox"/> Mold Air	<input type="checkbox"/> Mold Bulk	<input type="checkbox"/> Rotometer Calibration		
<b>METALS</b>	<b>Det. Limit</b>	<b>Matrix</b>	<b>RCRA Metals</b>	<input type="checkbox"/> All 8	<b>Other Metals</b>
<input type="checkbox"/> Total Metals	<input type="checkbox"/> FAA (ppm)	<input type="checkbox"/> Air Filter	<input type="checkbox"/> Arsenic (As)	<input type="checkbox"/> Chromium (Cr)	<input type="checkbox"/> All 3
<input type="checkbox"/> TCLP	<input type="checkbox"/> ICP (ppm)	<input type="checkbox"/> Drinking water	<input type="checkbox"/> Barium (Ba)	<input type="checkbox"/> Lead (Pb)	<input type="checkbox"/> Copper (Cu)
<input type="checkbox"/> Cr 6	<input type="checkbox"/> GFAA (pp)	<input type="checkbox"/> Dust/wipe (Area)	<input type="checkbox"/> Cadmium (Cd)	<input type="checkbox"/> Mercury (Hg)	<input type="checkbox"/> Nickel (Ni)
<input type="checkbox"/> Other Types of Analysis	<input type="checkbox"/> Fiberglass	<input type="checkbox"/> Silica	<input type="checkbox"/> Nuisance Dust	<input type="checkbox"/> Respirable Dust	<input type="checkbox"/> Other (Specify) _____

Condition of Package:  Good  Damaged (no spillage)  Severe damage (spillage)

Seq. #	Lab ID	Client Sample Number	Comments (e.g Sample are, Sample Volume, etc)	A/R
1		<u>111108TFAB03</u>	<u>DRYWALL JOINT BATHROOM CEILING ABOVE SHOWER</u>	
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				

< 1%

	Print Below	Sign Below	Company	Date	Time
Sampled by	<u>TERRY FYRE</u>	<u>[Signature]</u>	<u>SHA</u>	<u>11/11/08</u>	<u>10:15 A.M.</u>
Relinquished by	<u>TERRY FYRE</u>	<u>[Signature]</u>	<u>SHA</u>	<u>11/11/08</u>	<u>11:15 A.M.</u>
Received by	<u>Brittany Vogt</u>	<u>[Signature]</u>	<u>NVL</u>	<u>11/11/08</u>	<u>11:15</u>
Analyzed by	<u>L. Kell</u>	<u>[Signature]</u>	<u>NVL</u>	<u>11-12-08</u>	<u>07:07</u>
Results e-mailed by	<u>Kiandra Austria</u>	<u>[Signature]</u>	<u>NVL</u>	<u>11-12-08</u>	<u>9:45 AM</u>
Results Faxed by					

**Special Instructions:** Unless requested in writing, all samples will be disposed of two (2) weeks after analysis.

E-mail results to Terry Fyre and CC to Lorrie Harris.

\* COMPOSITE ANALYZE SAMPLE. IF RESULTS ARE 71% POINT COUNT.  
THANK YOU!



**Bulk Asbestos Fibers Analysis**

By Polarized Light Microscopy

Client: Seattle Housing Authority  
Address: 7500 Detroit Ave. SW  
Seattle, WA 98126

**Batch #: 2814302.00**

Client Project #: 75376 OD  
Date Received: 11/11/2008  
Samples Received: 1  
Samples Analyzed: 1  
Method: EPA/600R-93/116

**Attention: Mr. Terry Fyre**

Project Location: 020-602  
2445 NW 57th St.

**Lab ID: 28091075      Client Sample #: 111108TFAB03**

Location: 020-602

Comments: Composite result for whole sample is less than 1% asbestos

**Layer 1 of 2      Description:** Off-white compacted powdery material with paint

Non-Fibrous Materials:      Other Fibrous Materials:%  
Binder/Filler, Calcareous particles, Paint      None Detected    ND

**Asbestos Type: %  
Chrysotile    2%**

**Layer 2 of 2      Description:** Off-white chalky material with paper

Non-Fibrous Materials:      Other Fibrous Materials:%  
Gypsum/Binder      Cellulose    11%  
Glass fibers    1%

**Asbestos Type: %  
None Detected    ND**

**Sampled by:** Client

**Analyzed by:** Lyudmila Veh

**Reviewed by:** Nick Ly

**Date:** 11/12/2008

**Date:** 11/12/2008

  
Nick Ly, Technical Director

Note: If samples are not homogeneous, then subsamples of the components were analyzed separately. All bulk samples are analyzed using EPA 600/R-93/116 Method 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.

November 12, 2008

Terry Fyre  
**Seattle Housing Authority**  
7500 Detroit Ave. SW  
Seattle, WA 98126



**RE: Bulk Asbestos Fiber Analysis, NVL Batch # 2814302.00**

Dear Mr. Fyre,

Enclosed please find test results for the bulk samples submitted to our laboratory for analysis. 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/600/R-93/116 Test Method.

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 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. If you would like us to further refine the concentration estimates of asbestos in these samples using point counting, please let me know.

This report is considered highly confidential and will not be released without your approval. 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,



Nick Ly, Technical Director



**NVL LABORATORIES, INC**  
4708 AURORA AVE N  
SEATTLE, WA 98103.6516  
TEL 206.547.0100  
FAX 206.634.1936  
[nvllabs@nvllabs.com](mailto:nvllabs@nvllabs.com)

**NVLAP** Lab Code 102063-0

Enc.: Sample Results

[www.nvllabs.com](http://www.nvllabs.com)  
1.888.NVL.LABS (685.9227)

**NVL Laboratories, Inc.**

4708 Aurora Ave N, Seattle, WA 98103  
 Tel: 206.547.0100 Emerg. Cell: 206.914.4646  
 Fax: 206.634.1936 1.888.NVL.LABS (685.5227)

**CHAIN of CUSTODY  
 SAMPLE LOG**

BATCH ID  
**2815651.00**

Client Seattle Housing Authority  
 Street 7500 Detroit Ave. SW  
Seattle, WA 98126  
 Project Manager Mr. Terry Fyre  
 Project Location 020-609  
2445 N.W. 57th ST.

NVL Batch Number \_\_\_\_\_  
 Client Job Number 75376 CD  
 Total Samples 1  
 Turn Around Time  1-Hr  8-Hrs  2 Days  5 Days  
 2-Hrs  12-Hrs  3 Days  6-10 Day  
 4-Hrs  24-Hrs  4 Days  
 Please call for TAT less than 24 Hrs

Phone: (206) 716-1310 Fax: (206) 767-4350  
 Email address \_\_\_\_\_  
 Cell: (206) 786-8578

Asbestos Air  PCM (NIOSH 7400)  TEM (NIOSH 7402)  TEM (AHERA)  TEM (EPA Level II)  Other

Asbestos Bulk  PLM (EPA/600/R-93/116)  PLM (EPA Point Count)  PLM (EPA Gravimetry)  TEM BULK

Mold/Fungus  Mold Air  Mold Bulk  Rotometer Calibration

<b>METALS</b>	<b>Det. Limit</b>	<b>Matrix</b>	<b>RCRA Metals</b>	<b>Other Metals</b>
<input type="checkbox"/> Total Metals	<input type="checkbox"/> FAA (ppm)	<input type="checkbox"/> Air Filter <input type="checkbox"/> Soil	<input type="checkbox"/> All 8	<input type="checkbox"/> All 3
<input type="checkbox"/> TCLP	<input type="checkbox"/> ICP (ppm)	<input type="checkbox"/> Drinking water <input type="checkbox"/> Paint Chips in %	<input type="checkbox"/> Arsenic (As) <input type="checkbox"/> Chromium (Cr)	<input type="checkbox"/> Copper (Cu)
<input type="checkbox"/> Cr 6	<input type="checkbox"/> GFAA (ppb)	<input type="checkbox"/> Dust/wipe (Area) <input type="checkbox"/> Paint Chips in cm	<input type="checkbox"/> Barium (Ba) <input type="checkbox"/> Lead (Pb)	<input type="checkbox"/> Nickel (Ni)
<input type="checkbox"/> Other Types of Analysis	<input type="checkbox"/> Fiberglass <input type="checkbox"/> Silica <input type="checkbox"/> Nuisance Dust <input type="checkbox"/> Respirable Dust <input type="checkbox"/> Other (Specify) _____		<input type="checkbox"/> Cadmium (Cd) <input type="checkbox"/> Mercury (Hg)	<input type="checkbox"/> Zinc (Zn)

Condition of Package:  Good  Damaged (no spillage)  Severe damage (spillage)

Seq. #	Lab ID	Client Sample Number	Comments (e.g Sample are, Sample Volume, etc)	A/R
1		<u>121708TFAB01</u>	<u>Drywall Living Room</u>	
2				
3				
4				
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15				

	Print Below	Sign Below	Company	Date	Time
Sampled by	<u>Terry Fyre</u>	<u>Terry Fyre</u>	<u>SUA</u>	<u>12/17/08</u>	<u>9:45 A.M.</u>
Relinquished by	<u>Terry Fyre</u>	<u>Terry Fyre</u>	<u>SUA</u>	<u>12/17/09</u>	<u>10:15 A.M.</u>
Received by	<u>Brittany Vogel</u>	<u>[Signature]</u>	<u>NVL</u>	<u>12/17/08</u>	<u>10:10</u>
Analyzed by	<u>L. Voh</u>	<u>[Signature]</u>	<u>NVL</u>	<u>12.17.08</u>	<u>10:27</u>
Results Called by	<u>Brittany Vogel</u>	<u>[Signature]</u>	<u>NVL</u>	<u>12/17/08</u>	<u>11:00</u>
Results Faxed by					

Special Instructions: Unless requested in writing, all samples will be disposed of two (2) weeks after analysis.

PLEASE CALL 206-786-8578 THEN EMAIL RESULTS TO Terry Fyre + Louie Harris.

\* Composite Analyze Sample. If results are > 1% Point Count  
 Thank you.

**NVL Laboratories, Inc.**

4708 Aurora Ave N, Seattle, WA 98103  
 Tel: 206.547.0100 Emerg. Cell: 206.914.4646  
 Fax: 206.634.1936 1.888.NVL.LABS (685.5227)

**CHAIN of CUSTODY  
 SAMPLE LOG**

BATCH ID  
**2902807.00**

Client Seattle Housing Authority  
 Street 3803 S Willow St.  
Seattle, WA 98118  
 Project Manager Mr. Terry Fyre  
 Project Location 020-301  
3445 NW 57th St.

NVL Batch Number \_\_\_\_\_  
 Client Job Number 8014930 OD  
 Total Samples 1  
 Turn Around Time  1-Hr  8-Hrs  2 Days  5 Days  
 2-Hrs  12-Hrs  3 Days  6-10 Day  
 4-Hrs  24-Hrs  4 Days  
 Please call for TAT less than 24 Hrs  
 Email address tfyre@seattlehousing.org  
 Phone: (206) 722-2548 Fax: (206) 722-8214 Cell: (206) 786-8578

<input type="checkbox"/> Asbestos Air	<input type="checkbox"/> PCM (NIOSH 7400)	<input type="checkbox"/> TEM (NIOSH 7402)	<input type="checkbox"/> TEM (AHERA)	<input type="checkbox"/> TEM (EPA Level II)	<input type="checkbox"/> Other
<input checked="" type="checkbox"/> Asbestos Bulk	<input checked="" type="checkbox"/> PLM (EPA/600/R-93/116)	<input type="checkbox"/> PLM (EPA Point Count)	<input type="checkbox"/> PLM (EPA Gravimetry)	<input type="checkbox"/> TEM BULK	
<input type="checkbox"/> Mold/Fungus	<input type="checkbox"/> Mold Air	<input type="checkbox"/> Mold Bulk	<input type="checkbox"/> Rotometer Calibration		
<b>METALS</b>	<b>Det. Limit</b>	<b>Matrix</b>	<b>RCRA Metals</b>	<input type="checkbox"/> All 8	<b>Other Metals</b>
<input type="checkbox"/> Total Metals	<input type="checkbox"/> FAA (ppm)	<input type="checkbox"/> Air Filter	<input type="checkbox"/> Arsenic (As)	<input type="checkbox"/> Chromium (Cr)	<input type="checkbox"/> All 3
<input type="checkbox"/> TCLP	<input type="checkbox"/> ICP (ppm)	<input type="checkbox"/> Drinking water	<input type="checkbox"/> Barium (Ba)	<input type="checkbox"/> Lead (Pb)	<input type="checkbox"/> Copper (Cu)
<input type="checkbox"/> Cr 6	<input type="checkbox"/> GFAA (ppl)	<input type="checkbox"/> Dust/wipe (Area)	<input type="checkbox"/> Cadmium (Cd)	<input type="checkbox"/> Mercury (Hg)	<input type="checkbox"/> Nickel (Ni)
<input type="checkbox"/> Other Types of Analysis	<input type="checkbox"/> Fiberglass	<input type="checkbox"/> Silica	<input type="checkbox"/> Nuisance Dust	<input type="checkbox"/> Respirable Dust	<input type="checkbox"/> Other (Specify) _____

Condition of Package:  Good  Damaged (no spillage)  Severe damage (spillage)

Seq. #	Lab ID	Client Sample Number	Comments (e.g Sample are, Sample Volume, etc)	AIR
1		<u>031609TFAB02</u>	<u>Drinking Water Room SUPPLEMENTAL BATHROOM</u>	<u>11/07/09 ND</u>
2				
3				
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14				
15				

	Print Below	Sign Below	Company	Date	Time
Sampled by	<u>Terry Fyre</u>	<u>[Signature]</u>	<u>NVL</u>	<u>3/16/09</u>	<u>11:00 A.M.</u>
Relinquished by	<u>Terry Fyre</u>	<u>[Signature]</u>	<u>NVL</u>	<u>3/16/09</u>	<u>11:41 A.M.</u>
Received by	<u>Anthony Vogel</u>	<u>[Signature]</u>	<u>NVL</u>	<u>03/16/09</u>	<u>11:25</u>
Analyzed by	<u>Nadine</u>	<u>[Signature]</u>	<u>NVL</u>	<u>3/16/09</u>	<u>1:45 PM</u>
Results Called by	<u>Corea Spear</u>	<u>[Signature]</u>	<u>NVL</u>	<u>3/17/09</u>	<u>11:05</u>
Results Faxed by					

**Special Instructions:** Unless requested in writing, all samples will be disposed of two (2) weeks after analysis.  
 E-mail results to Terry Fyre and CC to Lorrie Harris.

\* Composite Analyte Sample If Results Are > 1% Point Count (5 DM)  
 THANK YOU!

**NVL Laboratories, Inc.**

4708 Aurora Ave N, Seattle, WA 98103  
 Tel: 206.547.0100 Emerg. Cell: 206.914.4646  
 Fax: 206.634.1936 1.888.NVL.LABS (685.5227)

**CHAIN of CUSTODY  
 SAMPLE LOG**

BATCH ID  
**2900991.00**

Client Seattle Housing Authority  
 Street 3803 S Willow St.  
Seattle, WA 98118

NVL Batch Number \_\_\_\_\_  
 Client Job Number 8014930 OD

Project Manager Mr. Terry Fyre  
 Project Location 020 - 1st Floor Office  
2445 NW 57th St.

Total Samples 1  
 Turn Around Time  1-Hr  8-Hrs  2 Days  5 Days  
 2-Hrs  12-Hrs  3 Days  6-10 Day  
 4-Hrs  24-Hrs  4 Days

Please call for TAT less than 24 Hrs

Email address tfyre@seattlehousing.org  
 Cell: (206) 786-8578

Phone: (206) 722-2814 Fax: () -

<input type="checkbox"/> Asbestos Air	<input type="checkbox"/> PCM (NIOSH 7400)	<input type="checkbox"/> TEM (NIOSH 7402)	<input type="checkbox"/> TEM (AHERA)	<input type="checkbox"/> TEM (EPA Level II)	<input type="checkbox"/> Other
<input checked="" type="checkbox"/> Asbestos Bulk	<input checked="" type="checkbox"/> PLM (EPA/600/R-93/116)	<input type="checkbox"/> PLM (EPA Point Count)	<input type="checkbox"/> PLM (EPA Gravimetry)	<input type="checkbox"/> TEM BULK	
<input type="checkbox"/> Mold/Fungus	<input type="checkbox"/> Mold Air	<input type="checkbox"/> Mold Bulk	<input type="checkbox"/> Rotometer Calibration		
<b>METALS</b>	<b>Det. Limit</b>	<b>Matrix</b>	<b>RCRA Metals</b>	<input type="checkbox"/> All 8	<b>Other Metals</b>
<input type="checkbox"/> Total Metals	<input type="checkbox"/> FAA (ppm)	<input type="checkbox"/> Air Filter	<input type="checkbox"/> Arsenic (As)	<input type="checkbox"/> Chromium (Cr)	<input type="checkbox"/> All 3
<input type="checkbox"/> TCLP	<input type="checkbox"/> ICP (ppm)	<input type="checkbox"/> Drinking water	<input type="checkbox"/> Barium (Ba)	<input type="checkbox"/> Lead (Pb)	<input type="checkbox"/> Copper (Cu)
<input type="checkbox"/> Cr 6	<input type="checkbox"/> GFAA (ppb)	<input type="checkbox"/> Dust/wipe (Area)	<input type="checkbox"/> Cadmium (Cd)	<input type="checkbox"/> Mercury (Hg)	<input type="checkbox"/> Nickel (Ni)
<input type="checkbox"/> Other Types of Analysis	<input type="checkbox"/> Fiberglass	<input type="checkbox"/> Silica	<input type="checkbox"/> Nuisance Dust	<input type="checkbox"/> Respirable Dust	<input type="checkbox"/> Other (Specify) _____

Condition of Package:  Good  Damaged (no spillage)  Severe damage (spillage)

Seq. #	Lab ID	Client Sample Number	Comments (e.g Sample are, Sample Volume, etc)	A/R
1		<u>012709TFAS01</u>	<u>Drywall Joint 1st Floor Office (East Wall)</u>	
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				

	Print Below	Sign Below	Company	Date	Time
Sampled by	<u>Terry Fyre</u>	<u>[Signature]</u>	<u>SHA</u>	<u>11/27/09</u>	<u>12:45 P.M.</u>
Relinquished by	<u>Terry Fyre</u>	<u>[Signature]</u>	<u>SHA</u>	<u>11/27/09</u>	<u>1:15 P.M.</u>
Received by	<u>Breita Sparw</u>	<u>[Signature]</u>	<u>NVL</u>	<u>11/27/09</u>	<u>1:15</u>
Analyzed by	<u>[Signature]</u>	<u>[Signature]</u>	<u>NVL</u>	<u>11/27/09</u>	<u>4:57 PM</u>
Results Called by	<u>Britany Vogel</u>	<u>[Signature]</u>	<u>ML</u>	<u>01/28/10</u>	<u>11:10</u>
Results Faxed by					

**Special Instructions:** Unless requested in writing, all samples will be disposed of two (2) weeks after analysis.  
 E-mail results to Terry Fyre and CC to Lorrie Harris.

*\* Composite Analyze Sample. If Results are > 1% Point Count. (5 Day)  
 THANK YOU!*

# NVL Laboratories, Inc.



4708 Aurora Ave. N., Seattle, WA 98103  
Tel: 206.547.0100, Fax: 206.634.1936  
www.nvllabs.com

For the scope of accreditation under NVLAP Lab Code 102063-0

## Bulk Asbestos Fibers Analysis

By Polarized Light Microscopy

Client: Seattle Housing Authority  
Address: 3803 S Willow St.  
Seattle, WA 98118

**Batch #: 2900991.00**  
Client Project #: 8014930 OD  
Date Received: 01/27/2009  
Samples Received: 1  
Samples Analyzed: 1  
Method: EPA/600R-93/116

**Attention: Mr. Terry Fyre**  
Project Location: 020-1st Floor Office  
2445 NW 57th St

**Lab ID: 29008078 Client Sample #: 012709TFAB01**

Location: 020-1st Floor Office

Layer	Description	Non-Fibrous Materials:	Other Fibrous Materials:%	Asbestos Type: %
Layer 1 of 4	Description: Blue paper with adhesive			
		Fine particles, Adhesive/Binder	Cellulose 93%	None Detected ND
Layer 2 of 4	Description: Off-white compacted powdery material with paint			
		Fine particles, Binder/Filler, Perlite	None Detected ND	Asbestos Type: % None Detected ND
		Paint		
Layer 3 of 4	Description: Off-white compacted powdery material with paper			
		Fine particles, Binder/Filler, Perlite	Cellulose 35%	Asbestos Type: % None Detected ND
Layer 4 of 4	Description: Off-white chalky material with paper			
		Fine particles, Gypsum/Binder	Cellulose 20%	Asbestos Type: % None Detected ND

**Sampled by:** Client

**Analyzed by:** Nadezhda Prisyazhnyuk

**Reviewed by:** Nick Ly

**Date:** 01/27/2009

**Date:** 01/27/2009

Nick Ly, Technical Director

Note: If samples are not homogeneous, then subsamples of the components were analyzed separately. All bulk samples are analyzed using EPA 600/R-93/116 Method 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.

January 27, 2009

Terry Fyre  
**Seattle Housing Authority**  
3803 S Willow St.  
Seattle, WA 98118



**RE: Bulk Asbestos Fiber Analysis, NVL Batch # 2900991.00**

Dear Mr. Fyre,

Enclosed please find test results for the bulk samples submitted to our laboratory for analysis. 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/600/R-93/116 Test Method.

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 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. If you would like us to further refine the concentration estimates of asbestos in these samples using point counting, please let me know.

This report is considered highly confidential and will not be released without your approval. 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,



Nick Ly, Technical Director

NVL LABORATORIES, INC  
4708 AURORA AVE N  
SEATTLE, WA 98103.6516  
TEL. 206.547.0100  
FAX 206.634.1936  
nvl@nvlabs.com

**NVLAP** Lab Code 102063-0

Enc.: Sample Results

www.nvlabs.com  
1.888.NVL.LABS (665.9227)



### SAMPLE LOG/CHAIN OF CUSTODY

Client Company Seattle Housing Authority PAI Batch Number 96 - 0523  
 Client Address 4500 MLK Way South Community I.D. / Building I.D. 76244  
Seattle WA 98108  
city state zip  
 Number of Samples 3

RESULTS ATTENTION TO: Mr. Jerry Chase

Phone 615-3532 - 615-3530  
 Fax 615-3537

**TYPE OF ANALYSIS**

**ASBESTOS**  
 PLM (bulk)  
 PCM (air)

**LEAD**  
 Paint Chips  
 Dust/wipe  
 TCLP

Soil  
 Air  
 Water

Building Address 2445 NW 57th / 020, Ballard Hse (House)

OTHER (specify) \_\_\_\_\_

**TURN AROUND TIME**  
 Regular  RUSH Hours 72 hr.

Condition of Package:  
 Good  Damaged (no spillage)  Severe damage (spillage)

PRICE PER SAMPLE \$20

Seq. #	Lab ID	Sample ID	A/R	Seq. #	Lab ID	Sample ID	A/R
1	96020455	022696JCA308	A	11			
2	↓ 456	↓ AB09	↓	12			
3	↓ 457	↓ AB10	↓	13			
4				14			
5				15			
6				16			
7				17			
8				18			
9				19			
10				20			

	SIGNATURE	DATE	TIME
Sampled By:	<i>Chase/Harris</i>	2-26-96	2:00 PM
Delivered By:	<i>Chase/Harris</i>	2-27-96	8:24
Received By:	<i>Jerry J. Wilson</i>	2/27/96	8:24 AM
Analyzed By:			
Results called in by:			
Results Faxed by:			

SPECIAL INSTRUCTIONS:  
Results by 8 AM - Friday, 3/1/96





330 6th Ave. North, Suite 200, Seattle, WA 98109

OFFICE: (206) 281-8858 FAX: (206) 281-8922

**BULK ASBESTOS FIBER ANALYSIS**



PAI Job Number: **96 - 0523.00**

Client: **Seattle Housing Authority**  
Address: **4500 MLK Way South**  
**Seattle, WA 98108**  
**Attn: Mr. Jerry Chase**

Number of samples: **3**

**REGULAR**

Project: **2445 NW 57th**  
**020, Ballard House**

Project #: **xxxx**

Sample Location: **Janitor room, 3rd floor** *code base mastic* **Sample #: 022696JCAB09**  
**Lab #: 96020456**

Sample Description: **Brown mastic**

NON-ASBESTOS NON-FIBROUS COMPONENTS

**97% Mastic/binder**

**TOTAL: 97 %**

% NON-ASBESTOS FIBROUS COMPONENTS

**3% Talc**

**TOTAL: 3 %**

% ASBESTOS FIBROUS COMPONENTS

**No detectable asbestos**

**TOTAL: ND %**

**TOTAL ASBESTOS: ND %**

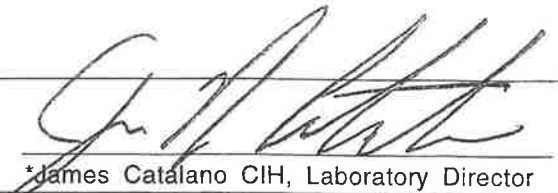
Sampled by: **Client**

Analyzed by: **Greg Willett**

Date: **03/01/96**

Reviewed By: **James Catalano**

Date: **03/01/96**

  
\*James Catalano CIH, Laboratory Director

\* If samples are not homogeneous, then subsamples of the components were analyzed separately.

I bulk samples are analyzed using test method 40 CFR ch. I (1-1-87 edition) Pt 763, Subpt. F App. A, pages 293-299.

This report relates only to the items tested.

If samples were not collected by Prezant Assoc. personnel, then accuracy of the results is limited by the methodology and acuity of the sample collector.

Analyses are cross-checked with other technicians in-house and other laboratories for quality assurance and verification.



330 6th Ave. North, Suite 200, Seattle, WA 98109  
OFFICE: (206) 281-8858 FAX: (206) 281-8922

**BULK ASBESTOS FIBER ANALYSIS**



PAI Job Number: **96 - 0523.00**

Client: **Seattle Housing Authority**  
Address: **4500 MLK Way South**  
**Seattle, WA 98108**  
Attn: **Mr. Jerry Chase**

Number of samples: **3**

**REGULAR**

Project: **2445 NW 57th**  
**020, Ballard House**

Project #: **xxxx** *2nd floor*

Sample Location: **Hallway** *floor tile Mastic*

Sample #: **022696JCAB10**  
Lab #: **96020457**

Sample Description: L-1: White vinyl; L-2: Black mastic

NON-ASBESTOS NON-FIBROUS COMPONENTS

95% Vinyl/calcite/binder L-1  
90% Asphalt/binder L-2

TOTAL: 95 %

% NON-ASBESTOS FIBROUS COMPONENTS  
No detectable fibers

TOTAL: ND %

% ASBESTOS FIBROUS COMPONENTS  
5% Chrysotile L-1  
10% Chrysotile L-2

TOTAL: 5 %

TOTAL ASBESTOS: 5 %

Sampled by: Client  
Analyzed by: Greg Willett Date: 03/01/96  
Reviewed By: James Catalano Date: 03/01/96

James Catalano CIH, Laboratory Director

\* If samples are not homogeneous, then subsamples of the components were analyzed separately.  
I bulk samples are analyzed using test method 40 CFR ch. I (1-1-87 edition) Pt 763, Subpt. F App. A, pages 293-299.  
This report relates only to the items tested.  
If samples were not collected by Prezant Assoc. personnel, then accuracy of the results is limited by the methodology and acuity of the sample collector.  
Analyses are cross-checked with other technicians in-house and other laboratories for quality assurance and verification.



**BULK ASBESTOS FIBER ANALYSIS**



PAI Batch Number: 97 - 0327.00

Client: **Seattle Housing Authority**  
Address: **1205 North 45th Street**  
**Seattle, WA 98103**  
Attn: **Mr. Terry Fyre**

Number of samples: 2  
**REGULAR**

Project: **2445 NW 57th St. (Ballard House)**  
Unit **#401**

*Ceiling light fixture wiring*

Project #: **A1MF-020** *Ballard*

Sample Location: **2445 NW 57th St. (Ballard House)**  
Unit **#401**

Sample #: **012397TFAB02**  
Lab #: **97010643**

Sample Description: L-1: White fibrous crumbly matrix w/white paint and foil; L-2: Tan fibrous material w/yellow paint

NON-ASBESTOS NON-FIBROUS COMPONENTS

- 15% Binder/filler L-1
- 30% Paint/foil L-1
- 35% Binder/filler L-2
- 25% Paint L-2

TOTAL: 49 %

% NON-ASBESTOS FIBROUS COMPONENTS

- 10% Cellulose fibers L-1
- 40% Cellulose fibers L-2


TOTAL: 19 %

% ASBESTOS FIBROUS COMPONENTS

- 45% Chrysotile L-1

TOTAL: 32 %

**TOTAL ASBESTOS: 32 %**

Sampled by: Client	Date: 01/29/97	
Analyzed by: Cathy Honeywell	Date: 01/29/97	
Reviewed By: Gail Gislason	Date: 01/29/97	

\* Gail Gislason, Laboratory Director

\* If samples are not homogeneous, then subsamples of the components were analyzed separately.  
 All bulk samples are analyzed using test method 40 CFR ch. I (1-1-87 edition) Pt 763, Subpt. F App. A, pages 293-299.  
 This report relates only to the items tested.  
 If samples were not collected by Prezant Assoc. personnel, then accuracy of the results is limited by the methodology and acuity of the sample collector.  
 Analyses are cross-checked with other technicians in-house and other laboratories for quality assurance and verification.



# Certificate of Completion

This is to certify that

## Lorrie T. Lord

has satisfactorily completed  
4 hours of refresher training as an

### Asbestos Building Inspector

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

112474

Certificate Number

Instructor

EPA Provider Cert. Number: 1085



Jul 6, 2011

Date(s) of Training

Exam Score: N/A

Expiration Date: Jul 5, 2012

Argus Pacific, Inc. • 1900 W. Nickerson, Suite 315 • Seattle, Washington • 98119 • 206.285.3373 • fax 206.285.3927

# Certificate of Completion

This is to certify that

**Vincent S. Scott**

has satisfactorily completed  
4 hours of refresher training as an

**Asbestos Building Inspector**

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

112478

Certificate Number



Instructor

EPA Provider Cert. Number: 1085



Jul 6, 2011

Date(s) of Training

Exam Score: N/A

Expiration Date: Jul 5, 2012

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# Certificate of Completion

This is to certify that

**Terry A. Fyre**

has satisfactorily completed  
4 hours of refresher training as an

**Asbestos Building Inspector**

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

113444

Certificate Number



Instructor

EPA Provider Cert. Number: 1085



Sep 14, 2011

Date(s) of Training

Exam Score: NA

Expiration Date: Sep 13, 2012

Argus Pacific, Inc. • 1900 W. Nickerson, Suite 315 • Seattle, Washington • 98119 • 206.285.3373 • fax 206.285.3927

# CHAIN of CUSTODY SAMPLE LOG

# 2202279

ES  
NG

Client Seattle Housing Authority  
 Street 190 Queen Anne Ave. N  
Seattle, WA 98109

NVL Batch Number \_\_\_\_\_  
 Client Job Number \_\_\_\_\_

Project Manager Mr. Terry Fyre  
 Project Location 020 - Common Hallways  
2445 NW 57<sup>th</sup> ST.

Total Samples 12  
 Turn Around Time  1 Hr  2 Hrs  1 Day  2 Days  3 Days  4 Days  5 Days  10 Days  
 Please call for TAT less than 24 Hrs

Phone: (206) 770-6745 Fax: (206) 722-2814

Email address tfyre@seattlehousing.org  
 Cell: (206) 786-8578

<input type="checkbox"/> Asbestos Air	<input type="checkbox"/> PCM (NIOSH 7400)	<input type="checkbox"/> TEM (NIOSH 7402)	<input type="checkbox"/> TEM (AHERA)	<input type="checkbox"/> TEM (EPA Level II)	<input type="checkbox"/> Other
<input checked="" type="checkbox"/> Asbestos Bulk	<input checked="" type="checkbox"/> PLM (EPA/600/R-93/116)	<input type="checkbox"/> PLM (EPA Point Count)	<input type="checkbox"/> PLM (EPA Gravimetry)	<input type="checkbox"/> TEM BULK	
<input type="checkbox"/> Mold/Fungus	<input type="checkbox"/> Mold Air	<input type="checkbox"/> Mold Bulk	<input type="checkbox"/> Rotometer Calibration		
<b>METALS</b>	<b>Det. Limit</b>	<b>Matrix</b>	<b>RCRA Metals</b>	<input type="checkbox"/> All 8	<b>Other Metals</b>
<input type="checkbox"/> Total Metals	<input type="checkbox"/> FAA (ppm)	<input type="checkbox"/> Air Filter	<input type="checkbox"/> Arsenic (As)	<input type="checkbox"/> Lead (Pb)	<input type="checkbox"/> All 3
<input type="checkbox"/> TCLP	<input type="checkbox"/> ICP (ppm)	<input type="checkbox"/> Drinking water	<input type="checkbox"/> Barium (Ba)	<input type="checkbox"/> Mercury (Hg)	<input type="checkbox"/> Copper (Cu)
<input type="checkbox"/> Cr 6	<input type="checkbox"/> GFAA (ppb)	<input type="checkbox"/> Dust/wipe (Area)	<input type="checkbox"/> Cadmium (Cd)	<input type="checkbox"/> Selenium (Se)	<input type="checkbox"/> Nickel (Ni)
	<input type="checkbox"/> CVAA (ppb)	<input type="checkbox"/> Soil	<input type="checkbox"/> Chromium (Cr)	<input type="checkbox"/> Silver (Ag)	<input type="checkbox"/> Zinc (Zn)
<input type="checkbox"/> Other Types of Analysis	<input type="checkbox"/> Fiberglass	<input type="checkbox"/> Nuisance Dust	<input type="checkbox"/> Other (Specify)		
	<input type="checkbox"/> Silica	<input type="checkbox"/> Respirable Dust			

Condition of Package:  Good  Damaged (no spillage)  Severe damage (spillage)

Seq. #	Lab ID	Client Sample Number	Comments (e.g Sample are, Sample Volume, etc)	AIR
1	3% Composite	020322TFAB02	2 <sup>nd</sup> Floor Hallway (OUTSIDE UNIT #209) 12x12 Floor Tile/Mastic	
2	5% Composite	020322TFAB03	2 <sup>nd</sup> Floor Hallway (OUTSIDE UNIT #209) 12x12 Floor Tile/Mastic	
3	5% Composite	020322TFAB04	3 <sup>rd</sup> Floor Hallway (OUTSIDE UNIT #301) 12x12 Floor Tile/Mastic	
4	5% Composite	020322TFAB05	3 <sup>rd</sup> Floor Hallway (OUTSIDE UNIT #306) 12x12 Floor Tile/Mastic	
5	5% Composite	020322TFAB06	4 <sup>th</sup> Floor Hallway (OUTSIDE ELEVATOR) 12x12 Floor Tile/Mastic	
6	4% Composite	020322TFAB07	4 <sup>th</sup> Floor Hallway (OUTSIDE UNIT #408) 12x12 Floor Tile/Mastic	
7	5% Composite	020322TFAB08	5 <sup>th</sup> Floor Hallway (OUTSIDE UNIT #502) 12x12 Floor Tile/Mastic	
8	6% Composite	020322TFAB09	5 <sup>th</sup> Floor Hallway (OUTSIDE UNIT #511) 12x12 Floor Tile/Mastic	
9	4% Composite	020322TFAB10	6 <sup>th</sup> Floor Hallway (OUTSIDE ELEVATOR) 12x12 Floor Tile/Mastic	
10	3% Composite	020322TFAB11	6 <sup>th</sup> Floor Hallway (OUTSIDE UNIT #609) 12x12 Floor Tile/Mastic	
11	5% Composite	020322TFAB12	7 <sup>th</sup> Floor Hallway (OUTSIDE UNIT #701) 12x12 Floor Tile/Mastic	
12	4% Composite	020322TFAB13	7 <sup>th</sup> Floor Hallway (OUTSIDE UNIT #706) 12x12 Floor Tile/Mastic	
13			X ALL SAMPLES POSITIVE FOR ACM.	
14			X NOTIFIED RANDY LUNDBERG VIA EMAIL ON RESULTS	
15				

	Print Below	Sign Below	Company	Date	Time
Sampled by	Terry Fyre		SHA	02/03/22	9:30 AM
Relinquished by	Terry Fyre		SHA	02/04/22	11:00 AM
Received by	Karen Peterson		Seattle Labs	2/4/22	11am
Analyzed by					
Results Called by					
Results Faxed by					

**Special Instructions:** Unless requested in writing, all samples will be disposed of two (2) weeks after analysis.  
 E-mail results to Terry Fyre and CC to Karen Peterson

February 7, 2022



Terry Fyre  
Seattle Housing Authority  
190 Queen Anne Ave. N  
Seattle, WA 98109

**RE: Bulk Asbestos Fiber Analysis; NVL Batch # 2202279.00**

Client Project: N-A  
Location: 020 Common Hallways 2445 NW 57th St.

Dear Mr. Fyre,

Enclosed please find test results for the 12 sample(s) submitted to our laboratory for analysis on 2/4/2022.

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,

A handwritten signature in black ink, appearing to read "Nick Ly".

Nick Ly, Technical Director

The logo for NVLAP (National Voluntary Laboratory Accreditation Program). It consists of the letters "NVLAP" in a large, stylized, outlined font. The "V" and "A" are particularly large and have a unique shape.

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





# Bulk Asbestos Fibers Analysis

By Polarized Light Microscopy

Client: Seattle Housing Authority  
 Address: 190 Queen Anne Ave. N  
 Seattle, WA 98109

**Batch #: 2202279.00**

Client Project #: N-A  
 Date Received: 2/4/2022  
 Samples Received: 12  
 Samples Analyzed: 12  
 Method: EPA/600/R-93/116

**Attention: Mr. Terry Fyre**  
 Project Location: 020 Common Hallways 2445 NW 57th St.

**Lab ID: 22313718 Client Sample #: 020322TFAB02**

Location: 020 Common Hallways 2445 NW 57th St.

<b>Layer 1 of 3</b>	<b>Description:</b> Tan soft mastic			
	Non-Fibrous Materials:	Other Fibrous Materials: %		<b>Asbestos Type: %</b>
	Fine particles, Mastic/Binder	Cellulose 2%		<b>None Detected ND</b>
<b>Layer 2 of 3</b>	<b>Description:</b> Beige vinyl tile			
	Non-Fibrous Materials:	Other Fibrous Materials: %		<b>Asbestos Type: %</b>
	Mineral grains, Quartz, Vinyl/Binder	None Detected ND		<b>None Detected ND</b>
<b>Layer 3 of 3</b>	<b>Description:</b> Black asphaltic mastic			
	Non-Fibrous Materials:	Other Fibrous Materials: %		<b>Asbestos Type: %</b>
	Asphalt/Binder	None Detected ND		<b>Chrysotile 3%</b>

**Lab ID: 22313719 Client Sample #: 020322TFAB03**

Location: 020 Common Hallways 2445 NW 57th St.

<b>Layer 1 of 3</b>	<b>Description:</b> Tan soft mastic			
	Non-Fibrous Materials:	Other Fibrous Materials: %		<b>Asbestos Type: %</b>
	Fine particles, Mastic/Binder	Cellulose 2%		<b>None Detected ND</b>
<b>Layer 2 of 3</b>	<b>Description:</b> Beige vinyl tile			
	Non-Fibrous Materials:	Other Fibrous Materials: %		<b>Asbestos Type: %</b>
	Mineral grains, Quartz, Vinyl/Binder	Cellulose <1%		<b>None Detected ND</b>
<b>Layer 3 of 3</b>	<b>Description:</b> Black asphaltic mastic			
	Non-Fibrous Materials:	Other Fibrous Materials: %		<b>Asbestos Type: %</b>
	Asphalt/Binder	None Detected ND		<b>Chrysotile 5%</b>

**Lab ID: 22313720 Client Sample #: 020322TFAB04**

Location: 020 Common Hallways 2445 NW 57th St.

<b>Sampled by:</b> Client <b>Analyzed by:</b> Munaf Khan <b>Reviewed by:</b> Nick Ly	<b>Date:</b> 02/04/2022 <b>Date:</b> 02/07/2022	 <hr/> Nick Ly, Technical Director
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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 600/M4-82-020 Methods 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



# Bulk Asbestos Fibers Analysis

By Polarized Light Microscopy

Client: Seattle Housing Authority  
 Address: 190 Queen Anne Ave. N  
 Seattle, WA 98109

**Batch #: 2202279.00**

Client Project #: N-A  
 Date Received: 2/4/2022  
 Samples Received: 12  
 Samples Analyzed: 12  
 Method: EPA/600/R-93/116

**Attention: Mr. Terry Fyre**

Project Location: 020 Common Hallways 2445 NW 57th St.

<b>Layer 1 of 3</b>	<b>Description:</b> Tan soft mastic			
	Non-Fibrous Materials:	Other Fibrous Materials:%		<b>Asbestos Type: %</b>
	Fine particles, Mastic/Binder	Cellulose 1%		<b>None Detected ND</b>
<b>Layer 2 of 3</b>	<b>Description:</b> Beige vinyl tile			
	Non-Fibrous Materials:	Other Fibrous Materials:%		<b>Asbestos Type: %</b>
	Mineral grains, Quartz, Vinyl/Binder	None Detected ND		<b>None Detected ND</b>
<b>Layer 3 of 3</b>	<b>Description:</b> Black asphaltic mastic			
	Non-Fibrous Materials:	Other Fibrous Materials:%		<b>Asbestos Type: %</b>
	Asphalt/Binder	Cellulose <1%		<b>Chrysotile 5%</b>

**Lab ID: 22313721 Client Sample #: 020322TFAB05**

Location: 020 Common Hallways 2445 NW 57th St.

<b>Layer 1 of 3</b>	<b>Description:</b> Tan soft mastic			
	Non-Fibrous Materials:	Other Fibrous Materials:%		<b>Asbestos Type: %</b>
	Fine particles, Mastic/Binder	Cellulose 2%		<b>None Detected ND</b>
<b>Layer 2 of 3</b>	<b>Description:</b> Beige vinyl tile			
	Non-Fibrous Materials:	Other Fibrous Materials:%		<b>Asbestos Type: %</b>
	Mineral grains, Quartz, Vinyl/Binder	None Detected ND		<b>None Detected ND</b>
<b>Layer 3 of 3</b>	<b>Description:</b> Black asphaltic mastic			
	Non-Fibrous Materials:	Other Fibrous Materials:%		<b>Asbestos Type: %</b>
	Asphalt/Binder	None Detected ND		<b>Chrysotile 5%</b>

**Lab ID: 22313722 Client Sample #: 020322TFAB06**

Location: 020 Common Hallways 2445 NW 57th St.

<b>Layer 1 of 3</b>	<b>Description:</b> Tan soft mastic			
	Non-Fibrous Materials:	Other Fibrous Materials:%		<b>Asbestos Type: %</b>
	Fine particles, Mastic/Binder	Cellulose 2%		<b>None Detected ND</b>

**Sampled by:** Client

**Analyzed by:** Munaf Khan

**Reviewed by:** Nick Ly

**Date:** 02/04/2022

**Date:** 02/07/2022

  
 Nick Ly, Technical Director

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 600/M4-82-020 Methods 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



# Bulk Asbestos Fibers Analysis

By Polarized Light Microscopy

Client: Seattle Housing Authority  
 Address: 190 Queen Anne Ave. N  
 Seattle, WA 98109

**Batch #: 2202279.00**

Client Project #: N-A  
 Date Received: 2/4/2022  
 Samples Received: 12  
 Samples Analyzed: 12  
 Method: EPA/600/R-93/116

**Attention: Mr. Terry Fyre**

Project Location: 020 Common Hallways 2445 NW 57th St.

<b>Layer 2 of 3</b>	<b>Description:</b> Beige vinyl tile			
	Non-Fibrous Materials:	Other Fibrous Materials:%		<b>Asbestos Type: %</b>
	Mineral grains, Quartz, Vinyl/Binder	None Detected ND		<b>None Detected ND</b>
<b>Layer 3 of 3</b>	<b>Description:</b> Black asphaltic mastic			
	Non-Fibrous Materials:	Other Fibrous Materials:%		<b>Asbestos Type: %</b>
	Asphalt/Binder	None Detected ND		<b>Chrysotile 5%</b>

**Lab ID: 22313723 Client Sample #: 020322TFAB07**

Location: 020 Common Hallways 2445 NW 57th St.

<b>Layer 1 of 3</b>	<b>Description:</b> Tan soft mastic			
	Non-Fibrous Materials:	Other Fibrous Materials:%		<b>Asbestos Type: %</b>
	Fine particles, Mastic/Binder	Cellulose 2%		<b>None Detected ND</b>
<b>Layer 2 of 3</b>	<b>Description:</b> Beige vinyl tile			
	Non-Fibrous Materials:	Other Fibrous Materials:%		<b>Asbestos Type: %</b>
	Mineral grains, Quartz, Vinyl/Binder	None Detected ND		<b>None Detected ND</b>
<b>Layer 3 of 3</b>	<b>Description:</b> Black asphaltic mastic			
	Non-Fibrous Materials:	Other Fibrous Materials:%		<b>Asbestos Type: %</b>
	Asphalt/Binder	None Detected ND		<b>Chrysotile 4%</b>

**Lab ID: 22313724 Client Sample #: 020322TFAB08**

Location: 020 Common Hallways 2445 NW 57th St.

<b>Layer 1 of 3</b>	<b>Description:</b> Tan soft mastic			
	Non-Fibrous Materials:	Other Fibrous Materials:%		<b>Asbestos Type: %</b>
	Fine particles, Mastic/Binder	Cellulose 2%		<b>None Detected ND</b>
<b>Layer 2 of 3</b>	<b>Description:</b> Beige vinyl tile			
	Non-Fibrous Materials:	Other Fibrous Materials:%		<b>Asbestos Type: %</b>
	Mineral grains, Quartz, Vinyl/Binder	Cellulose <1%		<b>None Detected ND</b>

**Sampled by:** Client

**Analyzed by:** Munaf Khan

**Reviewed by:** Nick Ly

**Date:** 02/04/2022

**Date:** 02/07/2022

Nick Ly, Technical Director

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 600/M4-82-020 Methods 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



# Bulk Asbestos Fibers Analysis

By Polarized Light Microscopy

Client: Seattle Housing Authority  
 Address: 190 Queen Anne Ave. N  
 Seattle, WA 98109

**Batch #: 2202279.00**

Client Project #: N-A  
 Date Received: 2/4/2022  
 Samples Received: 12  
 Samples Analyzed: 12  
 Method: EPA/600/R-93/116

**Attention: Mr. Terry Fyre**

Project Location: 020 Common Hallways 2445 NW 57th St.

<b>Layer 3 of 3</b>	<b>Description:</b> Black asphaltic mastic			
	Non-Fibrous Materials:	Other Fibrous Materials:%		<b>Asbestos Type: %</b>
	Asphalt/Binder	None Detected ND		<b>Chrysotile 5%</b>

**Lab ID: 22313725 Client Sample #: 020322TFAB09**

Location: 020 Common Hallways 2445 NW 57th St.

<b>Layer 1 of 3</b>	<b>Description:</b> Tan soft mastic			
	Non-Fibrous Materials:	Other Fibrous Materials:%		<b>Asbestos Type: %</b>
	Fine particles, Mastic/Binder	Cellulose 2%		<b>None Detected ND</b>

<b>Layer 2 of 3</b>	<b>Description:</b> Beige vinyl tile			
	Non-Fibrous Materials:	Other Fibrous Materials:%		<b>Asbestos Type: %</b>
	Mineral grains, Quartz, Vinyl/Binder	Cellulose <1%		<b>None Detected ND</b>

<b>Layer 3 of 3</b>	<b>Description:</b> Black asphaltic mastic			
	Non-Fibrous Materials:	Other Fibrous Materials:%		<b>Asbestos Type: %</b>
	Asphalt/Binder	None Detected ND		<b>Chrysotile 6%</b>

**Lab ID: 22313726 Client Sample #: 020322TFAB10**

Location: 020 Common Hallways 2445 NW 57th St.

<b>Layer 1 of 3</b>	<b>Description:</b> Tan soft mastic			
	Non-Fibrous Materials:	Other Fibrous Materials:%		<b>Asbestos Type: %</b>
	Fine particles, Mastic/Binder	Cellulose 2%		<b>None Detected ND</b>

<b>Layer 2 of 3</b>	<b>Description:</b> Beige vinyl tile			
	Non-Fibrous Materials:	Other Fibrous Materials:%		<b>Asbestos Type: %</b>
	Mineral grains, Quartz, Vinyl/Binder	Cellulose <1%		<b>None Detected ND</b>

<b>Layer 3 of 3</b>	<b>Description:</b> Black asphaltic mastic			
	Non-Fibrous Materials:	Other Fibrous Materials:%		<b>Asbestos Type: %</b>
	Asphalt/Binder	None Detected ND		<b>Chrysotile 4%</b>

**Sampled by:** Client

**Analyzed by:** Munaf Khan

**Reviewed by:** Nick Ly

**Date:** 02/04/2022

**Date:** 02/07/2022

  
 Nick Ly, Technical Director

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 600/M4-82-020 Methods 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



# Bulk Asbestos Fibers Analysis

By Polarized Light Microscopy

Client: Seattle Housing Authority  
 Address: 190 Queen Anne Ave. N  
 Seattle, WA 98109

**Batch #: 2202279.00**

Client Project #: N-A  
 Date Received: 2/4/2022  
 Samples Received: 12  
 Samples Analyzed: 12  
 Method: EPA/600/R-93/116

**Attention: Mr. Terry Fyre**

Project Location: 020 Common Hallways 2445 NW 57th St.

**Lab ID: 22313727      Client Sample #: 020322TFAB11**

Location: 020 Common Hallways 2445 NW 57th St.

<b>Layer 1 of 3</b>	<b>Description:</b> Tan soft mastic	Non-Fibrous Materials: Fine particles, Mastic/Binder	Other Fibrous Materials:% Cellulose 3%	<b>Asbestos Type: %</b> <b>None Detected ND</b>
<b>Layer 2 of 3</b>	<b>Description:</b> Beige vinyl tile	Non-Fibrous Materials: Mineral grains, Quartz, Vinyl/Binder	Other Fibrous Materials:% Cellulose <1%	<b>Asbestos Type: %</b> <b>None Detected ND</b>
<b>Layer 3 of 3</b>	<b>Description:</b> Black asphaltic mastic	Non-Fibrous Materials: Asphalt/Binder	Other Fibrous Materials:% None Detected ND	<b>Asbestos Type: %</b> <b>Chrysotile 3%</b>

**Lab ID: 22313728      Client Sample #: 020322TFAB12**

Location: 020 Common Hallways 2445 NW 57th St.

<b>Layer 1 of 3</b>	<b>Description:</b> Tan soft mastic	Non-Fibrous Materials: Fine particles, Mastic/Binder	Other Fibrous Materials:% Cellulose 3%	<b>Asbestos Type: %</b> <b>None Detected ND</b>
<b>Layer 2 of 3</b>	<b>Description:</b> Beige vinyl tile	Non-Fibrous Materials: Mineral grains, Quartz, Vinyl/Binder	Other Fibrous Materials:% Cellulose <1%	<b>Asbestos Type: %</b> <b>None Detected ND</b>
<b>Layer 3 of 3</b>	<b>Description:</b> Black asphaltic mastic	Non-Fibrous Materials: Asphalt/Binder	Other Fibrous Materials:% None Detected ND	<b>Asbestos Type: %</b> <b>Chrysotile 5%</b>

**Lab ID: 22313729      Client Sample #: 020322TFAB13**

Location: 020 Common Hallways 2445 NW 57th St.

**Sampled by:** Client

**Analyzed by:** Munaf Khan

**Reviewed by:** Nick Ly

**Date:** 02/04/2022

**Date:** 02/07/2022

Nick Ly, Technical Director

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 600/M4-82-020 Methods 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



# Bulk Asbestos Fibers Analysis

By Polarized Light Microscopy

Client: Seattle Housing Authority  
 Address: 190 Queen Anne Ave. N  
 Seattle, WA 98109

**Batch #: 2202279.00**

Client Project #: N-A  
 Date Received: 2/4/2022  
 Samples Received: 12  
 Samples Analyzed: 12  
 Method: EPA/600/R-93/116

**Attention: Mr. Terry Fyre**

Project Location: 020 Common Hallways 2445 NW 57th St.

Layer	Description	Non-Fibrous Materials	Other Fibrous Materials	Asbestos Type
Layer 1 of 3	Description: Tan soft mastic	Non-Fibrous Materials: Fine particles, Mastic/Binder	Other Fibrous Materials: Cellulose 3%	Asbestos Type: % None Detected ND
Layer 2 of 3	Description: Beige vinyl tile	Non-Fibrous Materials: Mineral grains, Quartz, Vinyl/Binder	Other Fibrous Materials: Cellulose <1%	Asbestos Type: % None Detected ND
Layer 3 of 3	Description: Black asphaltic mastic	Non-Fibrous Materials: Asphalt/Binder	Other Fibrous Materials: None Detected ND	Asbestos Type: % <b>Chrysotile 4%</b>

<p><b>Sampled by:</b> Client  <b>Analyzed by:</b> Munaf Khan  <b>Reviewed by:</b> Nick Ly</p>	<p><b>Date:</b> 02/04/2022  <b>Date:</b> 02/07/2022</p>	 <hr/> <p>Nick Ly, Technical Director</p>
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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 600/M4-82-020 Methods 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



**Company** Seattle Housing Authority  
**Address** 190 Queen Anne Ave. N  
 Seattle, WA 98109

**Project Manager** Mr. Terry Fyre  
**Phone** (206) 770-6745  
**Cell:** (206) 786-8578

**NVL Batch Number** 2202279.00  
**TAT** 1 Day **AH No**  
**Rush TAT**  
**Due Date** 2/7/2022 **Time** 11:00 AM  
**Email** tfyre@seattlehousing.org  
**Fax** (206) 722-2814

**Project Name/Number:** N-A **Project Location:** 020 Common Hallways 2445 NW 57th St.

**Subcategory** PLM Bulk  
**Item Code** ASB-02 EPA 600/R-93-116 Asbestos by PLM <bulk>

**Total Number of Samples** 12 **Rush Samples** \_\_\_\_\_

	Lab ID	Sample ID	Description	A/R
1	22313718	020322TFAB02		A
2	22313719	020322TFAB03		A
3	22313720	020322TFAB04		A
4	22313721	020322TFAB05		A
5	22313722	020322TFAB06		A
6	22313723	020322TFAB07		A
7	22313724	020322TFAB08		A
8	22313725	020322TFAB09		A
9	22313726	020322TFAB10		A
10	22313727	020322TFAB11		A
11	22313728	020322TFAB12		A
12	22313729	020322TFAB13		A

	Print Name	Signature	Company	Date	Time
<b>Sampled by</b>	Client				
<b>Relinquished by</b>	Client				

Office Use Only	Print Name	Signature	Company	Date	Time
<b>Received by</b>	Fatima Khan		NVL	2/4/22	1100
<b>Analyzed by</b>	Munaf Khan		NVL	2/4/22	
<b>Results Called by</b>					
<input type="checkbox"/> <b>Faxed</b> <input type="checkbox"/> <b>Emailed</b>					

**Special Instructions:**

Date: 2/4/2022  
 Time: 11:34 AM  
 Entered By: Fatima Khan



## Attachment A, Version 1

(Less than \$50,000)

### Request for Bid (by E-Mail)

The work described in the Request for Bid (by E-Mail) is subject to the following terms and conditions:

**Bidder Responsibility:** The bidder must meet the mandatory bidder responsibility criteria described below and as specified in RCW 39.04 or 2 CFR 200 in order to be considered a responsible contractor and be eligible for award consideration:

1. At the time of bid submittal, have a current certificate of registration in compliance with chapter 18.27 RCW, which must have been in effect at the time of the bid submittal;
2. Have a current Washington Unified Business Identifier (UBI) number;
3. If applicable:
  - Have Industrial Insurance (workers' compensation) coverage for the bidder's employees working in Washington, as required in Title 51 RCW;
  - Have a Washington Employment Security Department number, as required in Title 50 RCW;
  - Have a Washington Department of Revenue state excise tax registration number, as required in Title 82 RCW;
  - Electrical Contractor License, if required by Chapter 19.28 RCW
  - Elevator Contractor License, if required by Chapter 70.87 RCW
  - Plumbing Contractor License, if required by Chapter 18.106 RCW
4. Not be disqualified from bidding on any public works contract under RCW 39.06.010 or RCW 39.12.065(3).
5. Has not been debarred, suspended, or otherwise ineligible to contract with SHA and is not included on the Excluded Parties List System (EPLS) on GSA's SAM (System for Award Management) <https://www.sam.gov/portal/public/SAM/> or the Department of Housing and Urban Development's "Limited Denial of Participation" list. This requirement also applies to the contractor's principals.
6. Have completed training requirements under RCW 39.04.350 before bidding on public works projects as determined by the Washington State Department of Industries OR are exempt from the training requirements under RCW 39.04.350.
7. Within the three-year period immediately preceding the date of the proposal submittal, has not have been determined by a final and binding citation and notice of assessment issued by the department of labor and industries or through a civil judgment entered by a court of limited or general jurisdiction to have willfully violated, as defined in RCW 49.48.082, any provision of chapter 49.46, 49.48, or 49.52 RCW.

**Prevailing Wages:** The Bidder must pay all workers at least the prevailing wage rate for the type of work performed in accordance with the applicable prevailing wage rate schedule referenced on the Purchase Order or Request for Bid (by E-Mail) form and included in these solicitation documents. The type of wage schedule attached i.e., HUD Determined, Davis-Bacon, or the State Prevailing Wage schedule determines the appropriate labor standards that apply to the work as outlined below and contained in the General Conditions (defined below):

- 1) Part 11.13 for projects subject to the HUD-Determined wage rate schedule.
- 2) Part 11.12 for projects subject to Davis-Bacon wage schedule.
- 3) Part 5 for projects subject to the State prevailing wage schedule.



As part of its compliance with the prevailing wage requirements, the Bidder and, if applicable, Bidder's subcontractor(s) shall comply with the requirement to submit a Statement of Intent to Pay Prevailing Wages and Affidavit of Wages Paid forms approved by the State of Washington's Department of Labor and Industries. Upon written request from SHA, Bidder shall also comply (and shall cause its subcontractors to comply) with any special, alternative, or supplemental filing instructions and requirements.

**No Bid Bond:** SHA does not require a bid guarantee for small works roster construction projects estimated to cost \$250,000 or less.

**Insurance:** Within seven calendar days of award, the Contractor shall submit to SHA, and maintain throughout the contract, at no expense to SHA, the following insurance coverage at the limits noted. Refer to SHA's General Conditions Of The Contract For Construction (the "General Conditions" or "SHA's General Conditions") for more details:

1. Commercial General Liability Insurance. \$1,000,000 each occurrence, and \$2,000,000 in the aggregate
2. Additional Insured Endorsement Ongoing Operations: SHA (and any limited partnership when applicable) must be included as an Additional Insured on a primary and non-contributory basis on all Commercial General Liability policies of the Contractor. Certificates of insurance (and policy endorsements if needed) must be provided to SHA as evidence of additional insured coverage.
3. Additional Insured Endorsement Completed Operations: The Contractor's CGL insurance shall include SHA as an additional insured for Contractors Completed Operations by providing additional insured status on the CG2037 endorsement, or by an equivalent policy or endorsement provision. The Contractors Completed Operations additional insured status for SHA shall remain in effect for not less than three (3) years following the Final Acceptance of the Work by SHA.
4. Employers Liability policy or Washington Stop Gap Liability insurance endorsement: \$1,000,000 each accident/occupational disease
5. Workers Compensation coverage.
6. Commercial Business Auto Coverage. \$1,000,000 per accident
7. Pollution Liability Insurance: \$1,000,000 combined single limit coverage, if the work involves handling or disposal of asbestos, lead-based paint, contaminated soil, or other hazardous materials.

**Contract Bond:** A Contract Payment and Performance Bond, or retention of contract amount in lieu of bond, is required, unless it is waived by SHA in accordance with the State law (RCW 39.04.155).

**Retainage Requirements:** SHA will retain five (5) percent of the contract amount for a period of thirty days after date of final acceptance, unless specifically waived by SHA.

**Tax Exempt Status of SHA:** Pursuant to State law (RCW 35.82.210), SHA is exempt from paying sales tax when it obtains goods and services directly from the Contractor.

**Protests:** Any protest of award shall be resolved in accordance with SHA's Procurement Policies, which may be reviewed at [SHA website](#).

**General Conditions:** SHA's General Conditions are incorporated by reference and made a part of this Request for Bid (by E-Mail) and any subsequent contract or purchase order executed for this work as if fully included herein. If the event of any discrepancy between the terms of this Attachment A and the General Conditions, the General Conditions insurance specified above, and the waiver of the Contract Bond and withholding of retainage specified above, shall take precedence over the General Conditions. The General Conditions may be viewed by accessing [SHA website](#), or upon request by calling SHA at (206) 615-3379.

**Performance Evaluation:** The Contractor's performance on this project will be evaluated in accordance with SHA's Contractor Performance Evaluation Program. A copy of the Program may be obtained by accessing [SHA website](#).

**Section 3:** Section 3 is a provision of the Housing and Urban Development Act of 1968. The purpose of Section 3 is to ensure that employment and other economic opportunities generated by certain HUD financial assistance shall, to the greatest extent feasible, and consistent with existing Federal, State, and local laws and regulations, be directed to low- and very low-income persons, particularly those who are recipients of 5806 Attachment A Version 1 29JUNE2023 and under  
Last Revised 06.29.2023

government assistance for housing, and to business concerns which provide economic opportunities to low- and very low-income persons. Each bidder is required to submit with its Bid a Section 3 Business Certification form. Failure to complete this form may render a bid non-responsive.

- A. Section 3 Contract Language: The following language regarding Section 3 will be included as part of the contract to be executed based on this solicitation:

Contractor will comply with Section 3 of the Housing and Urban Development Act of 1968, 12 U.S.C. 1701u, and its implementing regulations set forth at 24 CFR 75 (as each of the same has been or may be amended, modified, or replaced from time to time, and including any successor statutes or regulations, collectively, "Section 3"), and with this Section.

1. The work to be performed under this Contract is subject to the requirements of Section 3.
2. Contractor will require its subcontractors to comply with Section 3. As evidenced by its execution of this Contract, Contractor certifies that it is under no contractual or other impediment that would prevent it from complying with Section 3.
3. Contractor will include this Section 3 clause in every subcontract and will take all necessary steps to ensure compliance with Section 3 by its subcontractors. Upon a finding that a subcontractor is in violation of Section 3, Contractor will take appropriate action, as provided in an applicable provision of the subcontract or in this Section 3 clause. Contractor will not subcontract with any subcontractor where the Contractor has notice or knowledge that the subcontractor has been found in violation of Section 3.
4. Contractor will provide certifications in form and substance required by Owner, at such times as Owner may request, certifying (i) Contractor's compliance with Section 3, and (ii) as to such facts and circumstances pertaining to Section 3 as Owner may require or request, including certification with respect to total number of labor hours worked under this Contract, labor hours worked by Section 3 Workers (as defined in Section 3), and labor hours worked by Targeted Section 3 Workers (as defined in Section 3).
5. Contractor's noncompliance with Section 3 may result in sanctions, termination of this Contract for default, and debarment or suspension from future HUD-assisted contracts.
6. Contractor agrees to perform any further acts and execute and deliver any further documents that may be reasonably necessary to carry out the provisions and intent of this Section \_\_\_ or otherwise to ensure compliance with Section 3.

Agency Name: <b>Seattle Housing Authority</b> <b>190 Queen Anne North</b> <b>Seattle, WA 98109</b>	LR 2000 Agency ID No: <b>WA002A</b>	Wage Decision Type: <input type="checkbox"/> Routine Maintenance <input checked="" type="checkbox"/> Nonroutine Maintenance
	Effective Date: <b>January 17, 2023</b>	Expiration Date: <b>December 31, 2024</b>

The following wage rate determination is made pursuant to Section 12(a) of the U.S. Housing Act of 1937, as amended, (public housing agencies), or pursuant to Section 104(b) of the Native American Housing Assistance and Self-determination Act of 1996, as amended, (Indian housing agencies). The agency and its contractors may pay to maintenance laborers and mechanics no less than the wage rate(s) indicated for the type of work they actually perform.

<b>Melanie Hertel, SLRS</b> HUD Labor Relations (Name, Title, Signature)	<b>1-17-2023</b> Date
--	--------------------------

WORK CLASSIFICATION(S)	HOURLY WAGE RATES	
	BASIC WAGE	FRINGE BENEFIT(S) (if any)
Elevator Mechanic	\$61.74	\$24.46
Sheet Metal Worker	\$49.52	\$21.62
Furnace Installer	\$31.77	\$17.51
Roofer	\$30.43	\$17.20
Truck Driver	\$30.34	\$17.18
Laborer	\$34.95	\$17.79
Asphalt Raker	\$31.52	\$17.45
Carpenter	\$54.47	\$22.07
Electrician	\$54.49	\$22.07
Floor Coverer	\$39.23	\$18.73
Glazier	\$44.99	\$19.99
Painter	\$39.23	\$18.73
Low Voltage Technician	\$34.04	\$18.04
Plumber	\$54.33	\$22.04
Tree Arborist	\$30.61	\$17.24
Landscaper	\$25.29	\$15.68
Fence Installer	\$21.21	\$16.01
Power Equipment Operator	\$40.26	\$19.48
Brick Mason	\$39.21	\$19.23

The agency employee benefit program has been determined by HUD to be acceptable for meeting the prevailing fringe benefit requirements.  
  
(HUD Labor Relations: If applicable, check box and initial below.)  
  
 \_\_\_\_\_  
 LR Staff Initial

	<b>FOR HUD USE ONLY</b> <b>LR2000:</b>  <b>Log in:</b>  <b>Log out:</b>
--	--

<b>Maintenance Wage Rate Decision</b>	<b>U.S. Department of Housing and Urban Development Office of Labor Relations</b>	<b>HUD FORM 52158 (06/2006)</b>
Agency Name: <b>Seattle Housing Authority 190 Queen Anne North Seattle, WA 98109</b>	LR 2000 Agency ID No: <b>WA002A</b>	Wage Decision Type: <input type="checkbox"/> Routine Maintenance <input checked="" type="checkbox"/> Nonroutine Maintenance
	Effective Date: <b>January 17, 2023</b>	Expiration Date: <b>December 31, 2024</b>
<p>The following wage rate determination is made pursuant to Section 12(a) of the U.S. Housing Act of 1937, as amended, (public housing agencies), or pursuant to Section 104(b) of the Native American Housing Assistance and Self-determination Act of 1996, as amended, (Indian housing agencies). The agency and its contractors may pay to maintenance laborers and mechanics no less than the wage rate(s) indicated for the type of work they actually perform.</p>		
<b>Melanie Hertel, SLRS</b> HUD Labor Relations (Name, Title, Signature)		<b>1-17-2023</b> Date
<b>WORK CLASSIFICATION(S)</b>	<b>HOURLY WAGE RATES</b>	
	<b>BASIC WAGE</b>	<b>FRINGE BENEFIT(S) (if any)</b>
continued - Page 2		
Pipe Layer	\$38.81	\$19.14
Vehicle Mechanic	\$42.53	\$19.45
Engineer	\$57.72	\$22.78
Pest Control Technician	\$39.26	\$18.74
Solid Waste Laborer	\$35.60	\$17.94
Solid Waste Vehicle Mechanic	\$44.65	\$19.92
Solid Waste Worker, CDL	\$46.16	\$20.25
Window cleaner:		
Scaffold	\$19.46	\$14.66
Non-Scaffold	\$19.46	\$14.66
		<input type="checkbox"/> The agency employee benefit program has been determined by HUD to be acceptable for meeting the prevailing fringe benefit requirements.  <small>(HUD Labor Relations: If applicable, check box and initial below.)</small>  _____ LR Staff Initial
		<b>FOR HUD USE ONLY</b> <b>LR2000:</b>  <b>Log in:</b>  <b>Log out:</b>

**Contract No. 5806  
CONSTRUCTION AND MAINTENANCE SERVICES**

for

**Ballard House Asbestos Abatement**

This Contract is made and entered into as of the last signature date below between the Seattle Housing Authority, a public body corporate and politic, hereinafter referred to as "Owner," and *Contractor To Be Determined*, hereinafter referred to as the "Contractor." The Contractor and the Owner agree as follows:

**SECTION 1:** This Contract incorporates by reference and is subject to the following as though fully included herein, whether attached or not attached:

- The Contractor's response to the Request for Bids (by Fax) (attached)
- Attachment A, version 1 (attached)
- Technical scope of work included as part of the Request for Bids
- Owner's General Conditions
- Prevailing wage rates as established in HUD Wage Decision Number WA002A dated January 17, 2023 (attached)
- Federal Labor Standards Provisions (attached)

**SECTION 2:** The Contractor shall perform or cause to be performed all work and shall furnish or cause to be furnished all labor, materials, tools, and equipment necessary to complete the above-referenced project in strict accordance with the Contract Documents and documents described in Section 1 above for the following Contract Sum:

Base Bid	\$
Additive No.(s)	\$
Deductive No.(s)	\$
Subtotal	\$
Sales Tax	\$
Contract Sum	\$

**SECTION 3:** The Contractor shall begin the work of the Contract immediately after receipt of a written Notice to Proceed issued by the Owner, and to perform the work regularly and without interruption thereafter (unless the Owner shall otherwise, in writing, specifically direct) with such forces as necessary to complete said work in a manner acceptable to the owner within ten (10) consecutive calendar days from the date of the Notice to Proceed.

The parties have executed this Contract by having their authorized representatives sign below.

**Seattle Housing Authority**  
190 Queen Anne Avenue North  
P.O. Box 19028  
Seattle, WA 98109-1028

By: \_\_\_\_\_  
Date

By: \_\_\_\_\_  
Michael Tarantino, Interim Director of Procurement and Contracts  
Date



# VENDOR FACT SHEET

Return this Form TO: Seattle Housing Authority, Purchasing Division,  
ATTN: Louise Lauff  
190 Queen Anne Ave N, P.O Box 19028, Seattle WA 98109-1028

<b>General Business Information:</b>		<b>For SHA Use Only:</b>	
Name of Business, Organization, or Name of Person (if payment is to an individual):		JDE Vendor No.	Purchasing contracts <input type="checkbox"/>
Mailing Address for Payments:			
City:	State:	Zip Code:	E-Mail Address:
Telephone No.:	Fax No.:	DUNS No.:	
Washington UBI No.:	City of Seattle Business License No.:	Washington Contractor's License No.:	
Employee Tax ID No. (TIN) or Social Security No. (if Individual):			
President/General Manager:	Principal products and/or services offered:		

**Type of Organization (check one):**

Individual <input type="checkbox"/>	Sole Proprietor <input type="checkbox"/>	Partnership <input type="checkbox"/>	Corporation <input type="checkbox"/>	Governmental Agency <input type="checkbox"/>	Other _____ <input type="checkbox"/>
--	---	---	---	---	---

**Substitute IRS Form W-9 Certification:**  
**Under penalties of perjury, I hereby certify that the number shown on this form is my correct taxpayer identification number, and that I am not subject to backup withholding because: (a) I am exempt from backup withholding, or (b) I have not been notified by the Internal Revenue Service (IRS) that I am subject to backup withholding as a result of a failure to report all interest or dividends, or (c) the IRS has notified me that I am no longer subject to backup withholding, and I am a U.S. person (including a U.S. resident alien). Note: The Internal Revenue Service does not require your consent to any provision of this document other than the certifications required to avoid backup withholding.**

<b>SIGN HERE →</b>	Signature of U.S. Person	Date
--------------------	--------------------------	------

<b>Ownership Status (check all that apply):</b>	<b>Racial/Ethnic Status (check one):</b>
<input type="checkbox"/> <b>MBE</b> (Minority-Owned Business Enterprise) <input type="checkbox"/> <b>WBE</b> (Women-Owned Business Enterprise) <input type="checkbox"/> <b>MWBE</b> (Minority / Women-Owned Business Enterprise) <input type="checkbox"/> <b>CBE</b> (Combination Business Enterprise) <input type="checkbox"/> <b>Small Business</b> <input type="checkbox"/> <b>HUD Section 3 Business</b> <input type="checkbox"/> Certified by OMWBE (Washington State Office of Minority and Women's Business Enterprises) <input type="checkbox"/> Self-Identified (SHA may request a signed statement re: self-certification)	<input type="checkbox"/> Caucasian (1) <input type="checkbox"/> African American (2) <input type="checkbox"/> Native American (3) <input type="checkbox"/> Hispanic American (4) <input type="checkbox"/> Asian/Pacific American (5) <input type="checkbox"/> Hasidic Jews (6)

**Method of Contract Payments:** As outlined on the reverse side of this form, for contracts over one million dollars, SHA's method of contract payments is through an electronic virtual credit card issued by SHA's e-payables vendor, Bank of America. Unless SHA grants a waiver, Vendors will receive an enrollment form from SHA following issuance of a contract.

**SIGN BELOW:**

Signature of Authorized Representative of Vendor:	Date:
<p>By signing immediately above, the Vendor hereby represents the following:</p> <p>a) The Vendor certifies that to the best of its knowledge and belief, neither it, nor any person/principal or firm which has an interest in the Vendor's firm, is ineligible to participate in a SHA contract, purchase order, direct pay or other transaction, pursuant to the Certification of Eligibility provision specified in the Vendor Fact Sheet Instructions, or;</p> <p>b) The Vendor will comply with SHA's General Terms and Conditions applicable to Purchase Orders, if the Vendor will be supplying goods and/or services through an SHA Purchase Order.</p> <p>To obtain a copy of the General Terms and Conditions, call (206) 615-3379 or visit our Web site at <a href="https://www.seattlehousing.org/sites/default/files/Purchase_Orders_Terms_Conditions.pdf">https://www.seattlehousing.org/sites/default/files/Purchase_Orders_Terms_Conditions.pdf</a></p>	

## Vendor Fact Sheet Instructions

Thank you for your interest in doing business with the Seattle Housing Authority (SHA). We look forward to doing business with you. If you have any questions about completion of the Vendor Fact Sheet, please call us at (206) 615-3379.

In order for SHA to make payments to you or to procure goods or services from you, we need the information requested on the Vendor Fact Sheet, which also serves as a substitute IRS W-9 Form. The information about you will be entered into our computerized payment system and will allow us to make required reports to the Federal government about our business and payment transactions.

**Substitute IRS Form W-9 Certification:** In completing the Vendor Fact Sheet, you must sign the "Substitute IRS Form W-9 Certification" or backup withholding will apply. If you are subject to backup withholding and you are merely providing your correct taxpayer identification number to SHA, you must cross out the portion of the certification after the word "and" in line two, through the end of line five, before signing the form. Detailed instructions about IRS Form W-9 are included on the form, which may be obtained by calling our office at (206) 615-3379 or visiting the IRS web site at [www.irs.gov](http://www.irs.gov).

**Certification of Eligibility:** In order to do business with SHA, the Vendor must be eligible to:

- 1) Be awarded contracts by any agency of the U.S. Government, HUD, or the State in which this Contract work is to be performed; or,
- 2) Participate in HUD programs pursuant to 24 CFR Part 24.

Use the websites of the [General Services Administration](#) and the [U.S. Department of Housing and Urban Development](#) to verify eligibility of the firm and its principals. By signing the Vendor Fact Sheet, the Vendor understands that the certification of eligibility is a material representation of fact upon which reliance was placed when SHA agreed to enter into the transaction with the Vendor. SHA may require the Vendor to submit such certification on an annual basis depending on the terms of its contract or the frequency of its business transactions with SHA. If the Vendor subcontracts any portion of the work, the Vendor will be required to submit a similar certification of eligibility to SHA for any Vendor subcontracts. Any written contract executed between SHA and the Vendor shall include these provisions, which may also be referred to as Suspension/Debarment provisions.

**Contract Payments:** Unless SHA grants a waiver, its method of contract payment for contracts of one million or more is through its Bank of America epayables program. Payments will be made electronically through a virtual Visa credit card. Benefits for using this method include reduced labor costs associated with the processing of checks and enhancing cash flow by eliminating float time associated with the mailing of checks. To learn more about the program, please click here or copy and paste the following URL into your browser: [www.bankofamerica.com/epayablesvendors](http://www.bankofamerica.com/epayablesvendors). For new vendors, SHA will automatically send an enrollment form upon contract award. If you have questions about the program, please contact Tran Wong, SHA's Accounts Payable Manager, at 206-615-3483 or [twong@seattlehousing.org](mailto:twong@seattlehousing.org).

**Small Businesses:** The Vendor Fact Sheet also requests information about whether your business is owned and controlled by women or minorities, and/or is a small business. The following are definitions of these terms for your use. This information provides valuable information to SHA in its efforts to ensure its contracting program meets its diversity objectives and requirements.

- **WMBE:** Minority and women-owned business enterprises must either be self-identified or certified by the Washington State Office of Women's and Minority Business Enterprises (OMWBE) to be at least fifty-one percent owned by women and/or minority group members. For self-identification as WMBE, refer to [Minority/Women Owned Business Enterprise Self-Identification Form for Work Performed on Seattle Housing Authority Projects](#)
- **Small Business:** A small business means a business concern, including its affiliates, that is independently owned and operated, not an affiliate or subsidiary of a business dominant in its field of operation, and qualified as a small business under the criteria and size standards in 13 CFR 121. Furthermore, a business is considered small according to the Small Business Administration's established guidelines provided to such businesses.
- **HUD Section 3 Business:** A business that meets at least one of the following criteria, documented within the last six-month period: (1) at least 51% owned and controlled by low- or very low-income persons; (2) over 75% of the labor hours performed for the business over the prior three-month period are performed by Section 3 workers; or (3) a business at least 51% owned and controlled by current public housing residents or residents who currently live in Section 8-assisted housing. More detailed information available at the website of [the U.S. Department of Housing and Urban Development](#).

**DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT (HUD)**

**24 CFR Part 75**

**Section 3 Benchmarks for Creating Economic Opportunities for Low- and Very Low-Income Persons and Eligible Businesses**

**Background:** As a condition to receiving financial assistance from HUD, the Seattle Housing Authority (SHA) is required to report to HUD the number of hours worked by Section 3 Workers and Targeted Section 3 Workers on SHA's contracts. To gather that information, SHA is requiring all firms contracting with SHA to track their Section 3 hours and to submit to SHA a Quarterly/Annual Reporting Form. SHA created the Quarterly/Annual Reporting Form for all contractors and consultants to use for this quarterly and/or annual report.

HUD requires SHA and its contractors to use their best efforts to achieve the following Section 3 benchmarks:

For Section 3 Workers – 25 percent or more of the total number of labor hours worked by all workers employed with public housing financial assistance for SHA's fiscal year.

For Targeted Section 3 Workers – 5 percent or more of the total number of labor hours worked by all workers employed with public housing financial assistance for SHA's fiscal year.

**Definitions:**

Section 3 Worker: A Section 3 Worker is any worker who currently fits, or when hired within the past five years fit, at least one of the following categories, as documented:

1. The worker's income for the previous or annualized calendar year is below the income limit established by HUD;
2. The worker's income for the previous or annualized calendar year is below the income limit established by HUD and:
  - a. The worker is employed by a Section 3 business concern; OR
  - b. The worker is a YouthBuild participant.

Targeted Section 3 Worker: A Targeted Section 3 Worker is a Section 3 worker who:

1. Is employed by a Section 3 business concern; OR
2. Currently fits or when hired fit at least one of the following categories, as documented within the past five years:
  - a. A resident of public housing or Section 8-assisted housing; OR
  - b. A resident of other public housing projects or Section 8-assisted housing managed by SHA; OR
  - c. A YouthBuild participant.

Section 3 Business Concern: A Section 3 Business Concern is a business that meets at least one of the following criteria, documented within the last six-month period:

1. At least 51 percent owned and controlled by low- or very low-income persons; OR
2. Over 75 percent of the labor hours performed for business over the prior three-month period are performed by Section 3 workers; OR
3. A business at least 51 percent owned and controlled by current public housing residents or residents who currently live in Section 8-assisted housing.



# The Housing Authority of the City of Seattle

## Section 3 Income Limits

### Eligibility Guidelines

The worker's income must be at or below the amount provided below for an individual (household of 1) regardless of actual household size.

#### Individual Income Limits for King, Snohomish, and Pierce Counties FY 2023

Income Limits Category	FY 2023		
	King County	Snohomish County	Pierce County
Extremely Low Income Limits (30%)	\$28,800	\$28,800	\$22,600
Very Low Income Limits (50%)	\$47,950	\$47,950	\$37,650
Low Income Limits (80%)	\$70,650	\$70,650	\$60,200

See <https://www.huduser.gov/portal/datasets/il.html> for most recent income limits.

#### Section 3 Worker Definition:

- A low or very low-income resident (the worker's income for the previous or annualized calendar year is below the income limit established by HUD); OR
- Employed by a Section 3 business concern; OR
- A YouthBuild participant.

#### Targeted Section 3 Worker Definition:

- Employed by a Section 3 business concern; OR
- Currently fits at least one of the following categories as documented within the past five years:
  - A resident of Seattle Housing Authority public housing or Section 8-assisted housing;
  - A resident of other public housing projects or Section 8-assisted housing managed by the public housing authority that is providing the assistance; OR
  - A YouthBuild participant.

# SEATTLE HOUSING AUTHORITY

## Section 3 Business Concern Certification for Contracting

Instructions: Enter the following information and select the criteria that applies to certify your business' Section 3 Business Concern status.

### Business Information

Name of Business: \_\_\_\_\_

Address of Business: \_\_\_\_\_

Name of Business Owner: \_\_\_\_\_

Phone Number of Business Owner: \_\_\_\_\_

Email Address of Business Owner: \_\_\_\_\_

### Preferred Contact Information

Same as above

Name of Preferred Contact: \_\_\_\_\_

Phone Number of Preferred Contact: \_\_\_\_\_

Type of Business (select from the following options):

Corporation     Partnership     Sole Proprietorship

Limited Liability Company     Other (*please specify*) \_\_\_\_\_

Select from ONE of the following three options below that applies:

At least 51 percent of the business is owned and controlled by low- or very low-income persons (Refer to income guidelines on page 6).

At least 51 percent of the business is owned and controlled by current public housing residents who currently live in Section 8-assisted housing.

Over 75 percent of the labor hours performed for the business over the prior three-month period are performed by Section 3 workers (Refer to definition on page 6).

## Business Concern Affirmation

I affirm that the above statements (see previous page) are true, complete, and correct to the best of my knowledge and belief. I understand that businesses who misrepresent themselves as Section 3 business concerns and report false information to the Housing Authority of the City of Seattle may have their contracts terminated for default and be barred from ongoing and future considerations for contracting opportunities. I hereby certify, under penalty of law, that the following information is correct to the best of my knowledge.

Print Name: \_\_\_\_\_

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

NOTE: Certification expires within six months of the date of signature.  
Information regarding Section 3 Business Concerns can be found at 24 CFR 75.5

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### FOR ADMINISTRATIVE USE ONLY

Is the business a Section 3 business concern based upon their certification?

YES       NO

**EMPLOYERS MUST RETAIN THIS FORM IN THEIR SECTION 3 COMPLIANCE FILE FOR FIVE YEARS.**

**Section 3 Quarterly/Annual Reporting Form  
For SHA Projects**

**This form must be completed and submitted quarterly for 2023 and beyond and annually for 2021 and 2022.**

SHA Contract No.		Contract Title:	
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**This Report is for the following dates:**

Start Date:		End Date:	
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**The following hours are for the dates and Contract identified above:**

<p>Total Hours Worked for all Workers:</p> <p><i>In calculating total hours worked for all workers, do <u>NOT</u> include hours worked with respect to any “professional services” as defined in 24 CFR 75.5.</i></p>	
<p>Total Hours Worked for Section 3 Workers:</p> <p><i>In calculating total hours worked for Section 3 Workers, <u>DO</u> include hours worked with respect to any “professional services” as defined in 24 CFR 75.5.</i></p>	
<p>Total Hours Worked for Targeted Section 3 Workers:</p> <p><i>In calculating total hours worked for Targeted Section 3 Workers, <u>DO</u> include hours worked with respect to any “professional services” as defined in 24 CFR 75.5.</i></p>	

By submitting this form, the undersigned certifies to SHA (i) it has the full right, title, authority and capacity to execute this document on behalf of the Consultant/Contractor, (ii) all of the documentation and information submitted with this reporting form is true and correct in all material respects, and (iii) that it maintains, and will provide to SHA upon request, documentation in form and substance required by 24 CFR 75.31 sufficient to ensure that applicable workers meet the definition of a Section 3 Worker or Targeted Section 3 Worker. The undersigned acknowledges and agrees that a breach of any of certifications (i) – (iii) above will be considered a default under the Contract.

**Submitted By:**

Name	Title	Date
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# SEATTLE HOUSING AUTHORITY

## SUSPENSION AND DEBARMENT COMPLIANCE CERTIFICATE FOR CONTRACTOR

By signing below, the Contractor certifies that to the best of its knowledge and belief neither its firm nor any of its principals as named below are presently debarred, suspended, or have been declared ineligible or are excluded from participation in this transaction by any federal, state or local government.

**Contractor's Firm Name:** \_\_\_\_\_

**Address:** \_\_\_\_\_

**City, State, Zip:** \_\_\_\_\_

	<b>PRINCIPAL(S) Name(s)</b>	<b>Title(s)</b>
1		
2		
3		
4		
5		

<b>Contractor's Signature</b>	<b>Printed Name</b>	<b>Title</b>	<b>Date</b>

**NOTE:** This requirement applies to the Contractor's firm as well as its principals. Principal is defined in the regulation (2 CFR 180.995) as follows:

- 1) An officer, director, owner, partner, principal investigator, or other person within a participant with management or supervisory responsibilities related to a covered transaction; or
- 2) A contractor or other person, whether or not employed by the participant or paid with Federal funds, who-
  - a) Is in a position to handle Federal funds;
  - b) Is in a position to influence or control the use of those funds; or,
  - c) Occupies a technical or professional position capable of substantially influencing the development or outcome of an activity require to perform the covered transaction.

The federal websites to verify eligibility include: <https://www.sam.gov/portal/public/SAM/> and [http://portal.hud.gov/hudportal/HUD?src=/topics/limited\\_denials\\_of\\_participation](http://portal.hud.gov/hudportal/HUD?src=/topics/limited_denials_of_participation).

# SEATTLE HOUSING AUTHORITY

## SUSPENSION AND DEBARMENT COMPLIANCE CERTIFICATE FOR SUB-CONTRACTORS

The Prime Contractor may use this form if the Prime can verify that their Sub-Contractors named below, nor any of their principals are debarred, suspended or ineligible from involvement by Federal, State or Local Government. If the Prime is unable to verify this information, the Prime must send the previous SUSPENSION AND DEBARMENT COMPLIANCE CERTIFICATE FOR CONTRACTOR form to each sub- contractor to be completed and returned.

**Prime Contractor's Name:** \_\_\_\_\_ certifies that neither any of the sub- contracting firms named below, nor any of its principals are debarred, suspended or ineligible from involvement by Federal, State or Local Government. I understand that the Seattle Housing Authority (SHA) relies on this certification and I understand that I am obligated to submit the following to SHA:

- A certification for any new sub- contractor hired after submission of this certification.
- A renewal certification for every sub- contractor on the anniversary of the Contract execution date if the Contract Time extends beyond one year.

**(Note:** In lieu of this certification, the Prime Contractor may elect to submit a separate certification signed by each sub- contracting firm to SHA as evidence of sub- contractor eligibility. It is the Prime Contractor's responsibility to initiate, obtain, and provide all such individual sub- contractor certifications to SHA.)

Prime Contractor's Signature	Printed Name	Title	Date

**Sub- Contractor Firm Listing:** (If sub- contractors are not involved in the project, please enter **NONE.**)


If additional pages are necessary, copy this form to ensure signed statement precedes any listing of sub- contractors.

Please contact     Louise Lauff     at 206-615-3376 or by e-mail at [louise.lauff@seattlehousing.org](mailto:louise.lauff@seattlehousing.org) if you have any questions regarding compliance with this requirement.

### **For-Profit Subgrantee and Contractor Certifications and Assurances**

The Department of Housing and Urban Development (HUD) requires that all for-profit Subgrantees and Contractors on HOPE VI projects sign this “Certifications and Assurances” form certifying that they will comply with the specific federal requirements described below. The parties who must sign a “Certifications and Assurances” form are defined below:

- **Subgrantees:** These are for-profit organizations to which the Housing Authority (Housing Authority or Grantee) has awarded a grant from the HOPE VI grant that the Housing Authority received from HUD. The subgrantee is accountable to the Housing Authority for the use of the funds provided, but the Housing Authority is ultimately accountable to HUD.
- **Contractors:** This includes any for-profit contractor, consultant, service provider, or supplier that the Housing Authority contracts with for goods or services on any HOPE VI project.

.....

**Certification and Assurance:** The subgrantee or contractor executing this certification hereby assures and certifies that it will comply with all of the applicable requirements of the following, as the same may be amended from time to time, including adding appropriate provisions to all contracts between Grantee and for-profit Subgrantees or Contractors:

- (1) Administrative, contractual, or legal remedies in instances where contractors violate or breach contract terms, and provide for such sanctions and penalties as may be appropriate. (Contracts more than the simplified acquisition threshold)
- (2) Termination for cause and for convenience by the grantee or subgrantee including the manner by which it will be effected and the basis for settlement. (All contracts in excess of \$10,000)
- (3) Compliance with Executive Order 11246 of September 24, 1965, entitled “Equal Employment Opportunity,” as amended by Executive Order 11375 of October 13, 1967, and as supplemented in Department of Labor regulations (41 CFR chapter 60). (All construction contracts awarded in excess of \$10,000 by grantees and their contractors or subgrantees)
- (4) Compliance with the Copeland “Anti-Kickback” Act (18 U.S.C. 874) as supplemented in Department of Labor regulations (29 CFR part 3). (All contracts and subgrants for construction or repair)
- (5) Compliance with the Davis-Bacon Act (40 U.S.C. 276a to 276a-7) as supplemented by Department of Labor regulations (29 CFR part 5). (Construction contracts in excess of \$2000 awarded by grantees and subgrantees when required by Federal grant program legislation)
- (6) Compliance with Sections 103 and 107 of the Contract Work Hours and Safety Standards Act (40 U.S.C. 327-330) as supplemented by Department of Labor regulations (29 CFR part 5). (Construction contracts awarded by grantees and subgrantees in excess of \$2000, and in excess of \$2500 for other contracts which involve the employment of mechanics or laborers)

- (7) Notice of awarding agency requirements and regulations pertaining to reporting.
- (8) Notice of awarding agency requirements and regulations pertaining to patent rights with respect to any discovery or invention which arises or is developed in the course of or under such contract.
- (9) Awarding agency requirements and regulations pertaining to copyrights and rights in data.
- (10) Access by the grantee, the subgrantee, the Federal grantor agency, the Comptroller General of the United States, or any of their duly authorized representatives to any books, documents, papers, and records of the contractor which are directly pertinent to that specific contract for the purpose of making audit, examination, excerpts, and transcriptions.
- (11) Retention of all required records for three years after grantees or subgrantees make final payments and all other pending matters are closed.
- (12) Compliance with all applicable standards, orders, or requirements issued under section 306 of the Clean Air Act (42 U.S.C. 1857(h)), section 508 of the Clean Water Act (33 U.S.C. 1368), Executive Order 11738, and Environmental Protection Agency regulations (40 CFR part 15). (Contracts, subcontracts, and subgrants of amounts in excess of \$100,000).
- (13) Mandatory standards and policies relating to energy efficiency which are contained in the state energy conservation plan issued in compliance with the Energy Policy and Conservation Act (Pub. L. 94-163, 89 Stat. 871).

The information contained in this certification is true and accurate, to the best of my knowledge.

Name of Subgrantee or Contractor	Name and Contract Number:	
Signature of Authorized Certifying Official:	Title:	Date:

**WARNING:** Section 1001 of the Title 18 of the United States Code (Criminal Code and Criminal Procedure, 72 Stat.967) applies to this certification. 18 U.S.C. 1001, among other things, provides that whoever knowingly and willfully makes or uses a document or writing knowing the same to contain any false, fictitious or fraudulent statement or entry, in any matter within jurisdiction of any department or agency of the United States, shall be fined no more than \$10,000 or imprisoned for not more than five years, or both.

Return this form to:

Seattle Housing Authority  
Attn: Louise Lauff, Sr. Contract Admin, Purchasing  
P.O. Box 19028  
Seattle, WA 98109-1028





**Address** 190 Queen Anne Ave N

PO Box 19028

Seattle, WA 98109

**Telephone** 206-615-3300

**TTY** 1-800-833-6388

**Website** [www.seattlehousing.org](http://www.seattlehousing.org)

## Certification of Compliance with Wage Payment Statutes

The undersigned hereby certifies that the bidder is now, and in the three-year period immediately preceding the date of this bid solicitation (7/13/23) has been, in compliance with the responsible bidder criteria requirement of RCW 39.04.350(1)(g) and has not been found to have willfully violated any provision of RCW Chapters 49.46, 49.48, or 49.52 in a final determination by the Department of Labor and Industries or any court of limited or general jurisdiction.

I certify under penalty of perjury under the laws of the State of Washington that the foregoing is true and correct.

\_\_\_\_\_  
Bidder's Business Name

\_\_\_\_\_  
Signature of Authorized Official\*

\_\_\_\_\_  
Printed Name

\_\_\_\_\_  
Title

\_\_\_\_\_  
Date

\_\_\_\_\_  
City

\_\_\_\_\_  
State

*Check One:*

Sole Proprietorship  Partnership  Joint Venture  Corporation

State of Incorporation, or if not a corporation, State where business entity was formed:

\_\_\_\_\_

If a co-partnership, give firm name under which business is transacted:

\_\_\_\_\_

*If a corporation, proposal must be executed in the corporate name by the president or vice-president (or any other corporate officer accompanied by evidence of authority to sign). If a co-partnership, proposal must be executed by a partner.*

**NON-COLLUSIVE AFFIDAVIT**

State of Washington )ss  
County of King )

\_\_\_\_\_ who is a \_\_\_\_\_  
of the firm of \_\_\_\_\_,

being first  
duly sworn, on their oath, says that the bid herewith submitted is a genuine and  
not a sham or collusive bid, or made in the interest or on behalf of any person not  
therein named; and further states that the said bidder has or was not directly or  
indirectly induced or solicited by any bidder on the above work or supplies to put  
in a sham bid, or any person or corporation to refrain from bidding; and that said  
bidder has not in any manner sought by collusion to secure themselves an  
advantage over any other bidder or bidders, or to secure any advantage against  
the Seattle Housing Authority or any person interested in the proposed contract;  
and that all statements in said proposal or bid are true.

\_\_\_\_\_  
BIDDER  
(if individual)

\_\_\_\_\_  
PARTNER  
(if partnership)

\_\_\_\_\_  
OFFICER  
(if corporation)

Subscribed and sworn to before me

this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_.

\_\_\_\_\_  
Notary Public in and for the State of Washington,  
residing at \_\_\_\_\_.

My commission expires \_\_\_\_\_, 20\_\_\_\_\_.