

## **REQUEST FOR BIDS (by E-Mail)**

Date:	To: Potential Bidders for SHA	Solicitation			
08/23/2023	#5837 Ross Manor Flooring Abatement - Rebid				
	rork described below is subject to the conditions described on Attachment A, version 1 🛛 version 2 🗌				
SHA Reference No.: 5837	(Federal Prevailing Wages) <u>Federal Wage Decision No.:</u> 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 Working Days to Comple		Phone No.:	(206) 615-3318		
Work: 5 Working Days upon issuance of Notice to Proceed	Habtu Demeke Sr. Contract Administrator	E-mail:	purchasing@seattlehousing.org		
Project Description / Scope of Work	: 🛛 See Scope of Work attached	l. 🗌 See S	Scope of Work below.		
<ul> <li>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>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>SHA is reasonably certain that asbestos will not be disturbed by this project</li> </ul>					
	lugust 30, 2023, at 10:00 AM Pacif leet at Ross Manor main entrance a		n Ave Seattle, WA 98101		
-					
BID DUE DATE AND TIME: September 26, 2023, no later than 2:00 PM Pacific Time (PT) EMAIL YOUR BID TO: purchasing@seattlehousing.org The bidder is responsible for ensuring that its Bid is received prior to the deadline. Bids received after the deadline will not be considered. 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. SHA utilizes the Small Public Works Roster maintained by MRSC to solicit bids from contractors for this solicitation. Register for FREE at www.mrscrosters.org 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.					

BIDDER ACKNOWLEDGES RECEIPT OF ADDENDA(S) NUMBER(S):					
submit a vendor fact sh	eet with its bid form. Bide	der must als	so submit th	e required Sec	s never done business with SHA, it must ction 3 forms with its bid form. de the total bid price below.
Basic Bid Price (withou	t Sales Tax)	Sales Tax o (see Attacl	on Materials hment A)		Total Bid Price (with Sales Tax on Materials Only)
Bidder's Business Nam	le:	Telephone No.:			E-Mail Address:
Address:	Address: City, State, Zip Code:				ip Code:
Business Classification	:		Contra	L ctor Registrati	on No.:
🗌 WBE 🔲 MBE	MWBE Section	on 3			
Signature:		Da	ate:		Printed Name and Title of Person Signing Bid:
furnish all material and following: to have perso	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 / Scope of Work and Attachment A, and to have a clear understanding of the same, including the requirement to pay prevailing wages.				
<ul> <li>ATTACHMENT A: Version 1 (Less than \$50,000.00)</li> <li>ATTACHMENT B: 1. Scope of Work <ol> <li>Revised Limited Hazardous Materials Survey Report</li> <li>Floor Layout</li> <li>Regulatory Requirements Hazardous Materials</li> </ol> </li> <li>ATTACHMENT C: HUD Non-Routine Maintenance Rates (Effective 1/17/23 through 12/31/24)</li> <li>ATTACHMENT D: Sample Contract</li> <li>ATTACHMENT E: Forms <ol> <li>SHA Vendor Fact Sheet</li> <li>A. Section 3 Benchmark Low and Very Low-Income Person and Eligible Businesses B. Section 3 Income Limits</li> <li>Business Concern Certification for Contracting</li> <li>Sample Quarterly Reporting Form</li> <li>Suspension and Debarment Compliance Certificate for Contractor/Subcontractor</li> <li>For-Profit Subgrantee and Contractor Certifications and Assurances</li> <li>Certification of Compliance with Wage Payment Statutes (SSB5301)</li> <li>Non-Collusive Affidavit</li> </ol> </li> </ul>					
				D TO BE <u>CC</u>	<u>OMPLETED, SIGNED</u> AND <u>RETURNED</u>
Requ	est for Bids (Page 1 a	and Page 2	2)		
SHA `	Vendor Fact Sheet				
Section	on 3 Business Conce	rn Certific	cation for (	Contracting	(if applicable)
Susp	Suspension and Debarment Compliance Certificate for Contractor/Subcontractor				

 \_\_\_\_\_
 For-Profit Subgrantee and Contractor Certifications and Assurances

 \_\_\_\_\_
 Certification of Compliance with Wage Payment Statutes

 \_\_\_\_\_
 Non-Collusive Affidavit



#### 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:

<u>Bidder Responsibility</u>: 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) <u>https://www.sam.gov/portal/public/SAM/</u> 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. <u>Commercial General Liability Insurance</u>: \$1,000,000 each occurrence, and \$2,000,000 in the aggregate
- <u>Additional Insured Endorsement Ongoing Operations</u>: 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.
- <u>Additional Insured Endorsement Completed Operations</u>: 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. <u>Employers Liability policy or Washington Stop Gap Liability insurance endorsement:</u> \$1,000,000 each accident/occupational disease
- 5. Workers Compensation coverage.
- 6. Commercial Business Auto Coverage: \$1,000,000 per accident
- 7. <u>Pollution Liability Insurance</u>: \$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.

<u>Contract Bond</u>: 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).

<u>Retainage Requirements</u>: 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.

<u>Protests:</u> Any protest of award shall be resolved in accordance with SHA's Procurement Policies, which may be reviewed at <u>SHA website.</u>

**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 <u>SHA website</u>, 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 <u>SHA website</u>.

<u>Section 3:</u> 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

government assistance for housing, and to business concerns which provide economic opportunities to lowand 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. <u>Section 3 Contract Language:</u> 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.

## Scope of Work

#### Ross Manor common area flooring removal and / or abatement

The purpose of this work is to provide a hazard free base for Construction Operations to install new flooring on the 1<sup>st</sup> floor entry, hallways, and office space. The current flooring is glued down carpet over glued down VCT. In the office and 12" x 12" glued down in entry and hallway. The VCT mastic tested positive for asbestos and will need to be professionally removed by a certified company.

#### Location

1420 Western Ave, Seattle, WA 98101

#### Ross Manor

- 1<sup>st</sup> floor entry, hallways, and office space (common areas).
- Flooring removal shall extend into each doorway and transition under door slabs or transition strips.

#### Material to be removed or abated: roughly 1900 sf total tile and mastic

- 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)

#### <u>Method</u>

• Abatement to equal removal not encapsulation

#### **Condition**

- Building is occupied so work may need to be done in stages.
- Access to building, elevator, and mailboxes at the end of each day.

#### Process and procedures

Work shall follow all federal, 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 to SHA project manager

END OF DOCUMENT

# PBS

# **REVISED Limited Hazardous Materials Survey Report**

## Seattle Housing Authority home Works Phase 3

**100% Schematic Design** 

## **Ross Manor (046)** 1420 Western Avenue Seattle, Washington 98101

Prepared for: DKA Seattle, Washington

\*\*RE-ISSUED March 5, 2008 – 100% CDs

February 27, 2008 PBS Project #: 40654.023	130 Nickerson Street Suite 107 Seattle, WA 98109 206.233.9639 main 206.762.4780 fax
ENGINEERING AND ENVIRONMENTAL	www.pbsenv.com

#### Ross Manor #046

#### Seattle Housing Authority – home Works Phase 3

#### Project Background

PBS Environmental performed a limited hazardous materials survey of the Ross Manor building for the presence of asbestos-containing materials (ACM's), lead-containing paint (LCP), PCB-containing light ballasts and mercury-containing fluorescent lamps. The intent of this survey was to identify such materials in areas affected by the planned renovation.

Ross Manor interior finishes includes gypsum wallboard (GWB) and painted concrete walls with vinyl cove base. Ceilings in dwelling units consist of concrete. Common area ceilings are covered with 2'x4' suspended acoustical ceiling tiles. Floors are finished with vinyl floor tiles, sheet vinyl and/or carpet.

Heat is supplied to the building via electric baseboard heaters. Domestic water is provided via two gasfired water heaters.

#### Survey Process

PBS inspected areas of the Ross Manor to be impacted by planned renovation as part of the home *Works* project. Areas inspected were based on 100% Schematic Design Drawings provided by DKA dated 04/13/07. Construction work is anticipated to include selective roof impacts, replacement of ventilation equipment, replacement of water lines and selective upgrades to public/common areas,

Select accessible areas of the building were inspected by AHERA Certified Building Inspector Chuck Greeb (Cert # 1024904, expiration 1/03/08) in April of 2007. Inaccessible spaces are defined as those requiring selective demolition such as chases, fall protection or confined-space entry protocols to gain access.

When observed, suspect-ACMs were either presumed to contain asbestos or were sampled. All samples were assigned a unique identification number and transmitted for analysis to Northern Laboratory and Consulting Services (NVLAP# 200778-0) under chain-of-custody protocols. Samples were analyzed according to EPA Method 600R-93/116 using Polarized Light Microscopy (PLM), which has a reliable limit of quantification of 1% asbestos by volume.

Limited selective demolition to access representative concealed spaces was not performed to inspect for suspect-ACMs.

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

PBS reviewed historical asbestos survey data available from the Seattle Housing Authority. Pertinent information was used to develop sampling strategies and has been incorporated into our findings.

Follow-up sampling of textured ceiling material in residential units of Ross Manor was performed by SHA AHERA-certified building inspectors in February of 2008. Data obtained by this sampling effort has been reviewed and incorporated into the findings of this report.

#### Seattle Housing Authority – home Works Phase 3

#### Findings

#### Asbestos-Containing Materials (ACM)

The following materials were sampled and determined to contain asbestos in concentrations greater than 1% as determined by PLM microscopy:

Miscellaneous Materials:	Black undercoating on stainless steel sinks throughout residential units.
	12" Beige vinyl floor tile and associated black mastic in residential units, hallways, offices and other common areas.
	Sheet vinyl flooring in resident unit kitchens and bathrooms (from SHA sampling data).
	Trash chute door insulation - throughout (presumed)
Thermal System Insulation:	Initial testing of hard-mudded fittings detected no asbestos. Additional testing is pending.
Surfacing Materials:	Popcorn ceiling texture located in hallways and residential units throughout. (Residential unit ceilings non-asbestos based on follow-up sampling.)

For locations and results of asbestos sampling see attachments.

According to SHA reports, the following materials in the following areas were abated during previous projects:

• Asbestos containing flooring materials in Units 301, 308, 501, 506, 508, 606, 607, 608, 609, 809, 810, 1001, 1004, 1007, 1101, 1108 and 1208.

Concealed ACM that may exist at Ross Manor include, but are not limited to, the following:

- Insulating materials inside wall and/or ceiling cavities;
- Pipe insulation and mechanical components in floors and wall and ceiling cavities;
- Mastics in wall layers, flooring layers and associated with finishes;
- Gaskets, electrical wiring and insulating pads associated with mechanical equipment.
- Electrical wiring in incandescent light fixtures in residential units

#### Lead Containing Paint (LCP)

PBS reviewed historical sampling of painted surfaces provided by the Seattle Housing Authority as part of this investigation. Results of one (1) paint chip sample collected from the building was found to contain <0.0057 percent lead. PBS also collected two (2) additional paint chip samples for analysis. Results were both <0.0042 percent lead. For locations and results of paint sampling see attachments.

#### PCBs

PBS inspected a representative number of fluorescent light fixture ballasts throughout the building. All ballasts inspected were labeled "No PCBs".

#### **Mercury-Containing Components**

All light lamps (tubes) are presumed to contain mercury vapors.

#### Recommendations

#### ACMs

Removal or other impacts of ACMs affected by planned renovations should be performed by qualified and properly trained personnel in accordance with applicable local, state and federal regulations. Work impacting asbestos is subject to the requirements of various regulations, including, but not limited to: 40 CFR Part 61, NESHAPS; 40 CFR Part 763, AHERA; WAC 296-62 and 296-65; and Puget Sound Clean Air Agency Regulation III, Article 4, Asbestos Control Standard.

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.

Roofing has not been sampled as part of this investigation pending determination of the scope of impacts and warranty applicability. It is recommended that asbestos content of roofing materials be confirmed should the scope of renovations include roofing impacts.

#### LCP

Lead was not detected above the analytical limit of detection in three (3) samples of painted coatings. Older lead-containing painted coatings may exist at interior locations beneath newer non-lead coatings. Any painted coatings found on substrates under newer non-lead coatings should be presumed to contain lead pending testing.

Impact of painted surfaces with detectable concentrations of lead requires construction activities to be performed according to Washington Labor and Industries regulations for Lead in Construction (WAC 296-62-155). Workers impacting LCP should be provided the proper personal protective equipment and use proper work methods to limit occupational and environmental exposure to lead until an initial exposure assessment has been conducted.

PBS's investigation identified lead-wrapped roof vents. If these roof vents are to be removed, they should be recycled or disposed of as "Dangerous" waste per WAC 173-303.

#### PCBs

Representative fluorescent light fixture ballasts were observed and found to be labeled "No-PCBs".

PBS Project # 40654.023 *REVISED 2/27/08* 

#### Ross Manor #046

#### Seattle Housing Authority – home Works Phase 3

Any light fixture ballasts affected by planned renovations should be inspected prior to disposal. All ballasts without labeling should be considered PCB-containing and should be removed and recycled or disposed of in accordance with all applicable local, state and federal regulations.

#### **Mercury-Containing Components**

All fluorescent lamps are presumed to be mercury containing (vapors). Mercury is known to cause adverse health effects and requires special handling and proper disposal, ideally through recycling. PBS recommends that the fluorescent light tubes that will be reused be handled carefully so as not to cause breakage. If tubes are not to be reused they must be recycled in accordance with applicable regulations. Clean up of any broken tubes should include proper worker protection and disposal practices.

Report prepared by:

ruck theet

Chuck Greeb AHERA Building Inspector #1024904 (Exp. 1/03/08)

Report reviewed by:

Tim Ogden AHERA Building Inspector #1020516 (Exp. 1/25/07)

Attachments:

PBS PLM Asbestos Sample Inventory PBS PLM Laboratory Data Sheets PBS PLM Chain of Custody Previous SHA Asbestos Sample Information Previous SHA Lead Sample Information Certifications

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#### Ross Manor (046) SHA - homeWorks Phase 3

#### PLM ASBESTOS SAMPLE INVENTORY

PBS Sample #	Material Type	Sample Location	Lab Description	Lab Result	<u>Lab</u>
40654.023 -01	Popcorn Ceiling	Unit 610	Layer 1: White lumpy powdery material	NAD	NLC
40654.023 -02	Beige Pebbled Vinyl	Unit 610	Layer 1: Tan/white pebbled vinyl w/off-white fibrous	35% Chrysotile	NLC
40654.023 -03	Black Sink Undercoating	Unit 610 Kitchen	Layer 1: Black asphaltic material	35% Chrysotile	NLC
40654.023 -04	Pipe Fitting	Unit 610 Bathroom Chase	Layer 1: Woven fibrous material with light gray powder	NAD	NLC
40654.023 -05	12" Vinyl Floor Tile, Off-white w/Streaks	12th Floor Garbage	Layer 1: White floor tile with streaks	2% Chrysotile	NLC
	Mastic		Layer 2: Black asphaltic mastic	3% Chrysotile	NLC
40654.023 -06	Grout on Brick	Roof, Elev. Machine Room	Layer 1: White coarse powdery material	NAD	NLC
40654.023 -07	Sealant on HVAC Equipment	Roof	Layer 1: Gray pliable material	NAD	NLC
40654.023 -08	Canvas on Hot Water Tank	Mechanical Room, 1st Floor	Layer 1: White woven material with foil	NAD	NLC
40654.023 -09	Gypsum Wallboard Joint Compound	1st Floor Storage (Custodian)	Layer 1: White powdery material	NAD	NLC
40654.023 -10	Gypsum Wallboard Joint Compound	1st Floor Lobby	Layer 1: Paint on white powder Layer 2: Tan papery material w/white powder	NAD NAD	NLC NLC
40654.023 -11	Sheet Vinyl Flooring	1st Floor Mens Room	Layer 1: Beige sandy vinyl w/gray fibrous backing	NAD	NLC
	12" Floor Tile Mastic		Layer 2: White floor tile Layer 3: Gold mastic	NAD NAD	NLC NLC
40654.023 -12	Mastic on Gray 4" Covebase	1st Floor Lobby	Layer 1: White pliable material	NAD	NLC
40654.023 -13	Carpet Mastic 12" Vinyl Floor Tile Floor Tile Mastic	1st Floor Lobby	Layer 1: Gold mastic Layer 2: White floor tile Layer 3: Black asphaltic mastic	NAD 2% Chrysotile 3% Chrysotile	NLC NLC NLC
40654.023 -14	Sink Undercoating, Black	2nd Floor Kitchen	Layer 1: Black powdery material	2% Chrysotile	NLC

#### Ross Manor (046) SHA - homeWorks Phase 3

#### PLM ASBESTOS SAMPLE INVENTORY

PBS Sample #	Material Type	Sample Location	Lab Description	Lab Result	Lab
40654.023 -15	Mastic on Brown 4" Cove Joint Compound	2nd Floor Kitchen	Layer 1: Brown brittle mastic Layer 2: White powder	NAD NAD	NLC NLC
40654.023 -16	2x4 Ceiling Tile	1st Floor Hallway, by Janitor Storage	Layer 1: Paint on gray fibrous material	NAD	NLC
40654.023 -17	Gypsum Wallboard Joint Compound	11th Floor Storage Room	Layer 1: Paint on white powder Layer 2: Tan papery material w/white powder	NAD NAD	NLC NLC
40654.023 -18	Gypsum Wallboard Joint Compound	10th Floor Storage Room	Layer 1: Paint on white powder Layer 2: Tan papery material w/white powder	NAD NAD	NLC NLC
40654.023 -19	Pipe Fitting	1st Floor Hallway by Janitor Storage	Layer 1: Woven material w/white powder	NAD	NLC
40654.023 -20	Popcorn Ceiling Texture	3rd Floor Hallway	Layer 1: White lumpy foamy material	2% Chrysotile	NLC
40654.023 -21	Popcorn Ceiling Texture	6th Floor Hallway	Layer 1: White lumpy foamy material	2% Chrysotile	NLC
40654.023 -22	Popcorn Ceiling Texture	8th Floor Hallway	Layer 1: White lumpy foamy material	2% Chrysotile	NLC
40654.023 -23	12" Beige Vinyl Floor Tile Mastic	Elevator, West Car	Layer 1: Off-white floor tile Layer 2: Dark gold mastic	NAD NAD	NLC NLC
40654.023 -24	Popcorn Ceiling Texture	10th Floor Hallway	Layer 1: White lumpy foamy material	2% Chrysotile	NLC
40654.023 -25	Gypsum Wallboard Joint Compound	12th Floor Storage Room	Layer 1: Paint on off-white powder Layer 2: Tan papery material w/white powder	NAD NAD	NLC NLC
40654.023 -26	Gray Window Frame Caulk	North Entrance, Exterior	Layer 1: Gray pliable material	NAD	NLC
40654.023 -27	Window Frame Sealant	2nd Floor, West Side	Layer 1: Black pliable material	NAD	NLC
40654.023 -28	Window Frame Sealant	9th Floor, East Side	Layer 1: Black hard chunk	NAD	NLC



138 SW 154th Street Burien, WA 98166 OFFICE: 206.244.1060 FAX 206.244.1063

## PLM Asbestos Analysis Report\*

PBS Engineering and Environmental 130 Nickerson Street #107 Seattle, WA 98109- Project Location: SHA Ross Manor	NLCS Batch Number: 07-00303 Client Job Number: 40654.023 Turn Around Time: 3 Day C Samples Analyzed: 26
Client Sample Number: <b>01</b> On-site Description: <b>Popcorn Ceiling Texture</b> Sample Location: <b>Unit 610</b> Analysis Comments:	Lab Sample Number: 07-00303.0001
White lumpy powdery material Asbestos Fibrous Components: Non-Asbesto No Asbestos Detected	s Fibrous Components: Non-Fibrous Components:
Client Sample Number: <b>02</b> On-site Description: <b>Beige Pebbled Vinyl</b> Sample Location: <b>Unit 610 (Throughout Unit)</b> Analysis Comments:	Lab Sample Number: 07-00303.0002
Tan/white pebbled viny with off-white Asbestos Fibrous Components: Non-Asbesto 35% Chrysotile	e fibrous backing os Fibrous Components: Non-Fibrous Components: 65% Vinyl Filler and Binder
Client Sample Number: <b>03</b> On-site Description: <b>Black Sink U.C.</b> Sample Location: <b>Unit 610 Kitchen</b> Analysis Comments:	Lab Sample Number: 07-00303.0003
Black asphaltic material Asbestos Fibrous Components: Non-Asbesto 3% Chrysotile	os Fibrous Components: Non-Fibrous Components: 97% Filler and Binder
(Sample re	esults continued on next page.)
Received by: Crystal Wright 4/4/2	2007 2007 2007 Crystal Wright, Laboratory Supervisor Page 1

permission of the laboratory.



138 SW 154th Street Burien, WA 98166 OFFICE: 206.244.1060 FAX: 206.244.1063

## PLM Asbestos Analysis Report\*

PBS Engineering and Environmental 130 Nickerson Street #107 Seattle, WA 98109- Project Location: SHA Ross Manor	Clien Turn	Batch Number: Job Number: Around Time: oles Analyzed:	07-00303 40654.023 3 Day C 26
Client Sample Number: <b>04</b> On-site Description: <b>Pipe Fitting</b> Sample Location: <b>Unit 610 Bathro</b> Analysis Comments:	oom Chase	Lab Sample N	umber: 07-00303.000
Woven fibrous materi Asbestos Fibrous Components: No Asbestos Detected	al with light gray powder Non-Asbestos Fibrous Componer 35% Cellulose 25% Glass Fiber		is Components: ir and Binder
Client Sample Number: <b>05</b> On-site Description: <b>12'' VCT, Off-W</b> Sample Location: <b>12th FI. Garbag</b> Analysis Comments:		Lab Sample N	umber: 07-00303.000
Layer 1 White floor tile with s	treaks Non-Asbestos Fibrous Compone	ta. Nan Eibrai	is Components:
Asbestos Fibrous Components: 2% Chrysotile			yl Filler and Binder
	c Non-Asbestos Fibrous Compone	98% Vin nts: Non-Fibro	•

(Sample results continued on next page.)

Sampled by: Chuck Greeb Received by: Crystal Wright	4/4/2007 4/4/2007	Chight	
Analyzed by: Crystal Wright	4/4/2007	Crystal Wright, Laboratory Supervisor	Page 2



138 SW 154th Street Burien, WA 98166 OFFICE: 206.244.1060 FAX 206.244.1063

## PLM Asbestos Analysis Report\*

PBS Engineering and Environmental 130 Nickerson Street #107 Seattle, WA 98109- Project Location: SHA Ross Manor	Client Job Turn Arou	tch Number: 07-0030 b Number: 40654.0 und Time: 3 Day C Analyzed: 26	)23
White coarse powde	ry material		
Asbestos Fibrous Components: No Asbestos Detected	Non-Asbestos Fibrous Components:	Non-Fibrous Compo 100% Mineral Filler	
Client Sample Number: <b>07</b> On-site Description: <b>Sealant on HV</b> Sample Location: <b>Roof</b> Analysis Comments:		b Sample Number:	07-00303.0007
Gray pliable material Asbestos Fibrous Components: No Asbestos Detected	Non-Asbestos Fibrous Components:	Non-Fibrous Comp 100% Filler and Bir	
Client Sample Number: <b>08</b> On-site Description: <b>Canvas on H.W</b> Sample Location: <b>Mech. Rm. 1s</b> Analysis Comments:	/. Tank	ab Sample Number:	07-00303.0008
White woven materia Asbestos Fibrous Components: No Asbestos Detected	Il with foil Non-Asbestos Fibrous Components: 45% Glass Fiber	Non-Fibrous Comp 10% Foil 45% Filler and Bi	
Client Sample Number: <b>09</b> On-site Description: <b>GWB &amp; JC</b> Sample Location: <b>1st FI. Storag</b> Analysis Comments:		ab Sample Number:	07-00303.0009

 Sampled by:
 Chuck Greeb
 4/4/2007

 Received by:
 Crystal Wright
 4/4/2007

 Analyzed by:
 Crystal Wright
 4/4/2007

 Crystal Wright
 4/4/2007
 Crystal Wright, Laboratory Supervisor



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## PLM Asbestos Analysis Report\*

PBS Engineering and Environmental 130 Nickerson Street #107 Seattle, WA 98109- Project Location: SHA Ross Manor	Client Jo Turn Arc	b Number: 4 und Time: 3	7-00303 0654.023 Day C 6
White powdery mater			
Asbestos Fibrous Components: No Asbestos Detected	Non-Asbestos Fibrous Components:	Non-Fibrous 100% Filler	
Client Sample Number: <b>10</b> On-site Description: <b>GWB &amp; JC</b> Sample Location: <b>1st FI. Lobby</b> Analysis Comments:	Li	ab Sample Num	aber: 07-00303.0010
Layer 1 Paint on white powde Asbestos Fibrous Components: No Asbestos Detected	<b>r</b> Non-Asbestos Fibrous Components	Non-Fibrous 100% Filler	Components: and Binder
Layer 2 Tan papery material v Asbestos Fibrous Components: No Asbestos Detected	vith white powder Non-Asbestos Fibrous Components 35% Cellulose	Non-Fibrous 65% Filler	Components: and Binder
Client Sample Number: <b>11</b> On-site Description: <b>Vinyl Floor (Ove</b> Sample Location: <b>1st Fl. Men's R</b> Analysis Comments:	er Floor Tile)	ab Sample Nun	nber: 07-00303.0011
Layer 1 Beige sandy vinyl with Asbestos Fibrous Components: No Asbestos Detected	h gray fibrous backing Non-Asbestos Fibrous Components 35% Cellulose 25% Glass Fiber		Components: Filler and B nder
Layer 2 White floor tile Asbestos Fibrous Components: No Asbestos Detected	Non-Asbestos Fibrous Components		Components: Filler and Binder
	(Sample results continued on next pa	ge.)	
Sampled by: Chuck Greeb Received by: Crystal Wright	4/4/2007 4/4/2007	ght, Laboratory	supervisor
Analyzed by: Crystal Wright	4/4/2007 Crystal Wrig	jni, Laboratory	Page 4



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## PLM Asbestos Analysis Report\*

PBS Engineering and Environmental 130 Nickerson Street #107 Seattle, WA 98109- Project Location: SHA Ross Manor	Client Job Turn Arou	tch Number: 07-00303 o Number: 40654.023 und Time: 3 Day C Analyzed: 26
Layer 3 Gold mastic Asbestos Fibrous Components: No Asbestos Detected	Non-Asbestos Fibrous Components:	Non-Fibrous Components: 100% Filler and Binder
Client Sample Number: <b>12</b> On-site Description: <b>Mastic on Grey</b> Sample Location: <b>1st Fl. Lobby</b> Analysis Comments:		b Sample Number: 07-00303.0012
White pliable materia Asbestos Fibrous Components: No Asbestos Detected	Non-Asbestos Fibrous Components:	Non-Fibrous Components: 100% Vinyl Filler and Binder
Client Sample Number: <b>13</b> On-site Description: <b>Carpet Mastic o</b> Sample Location: <b>1st Fl. Lobby</b> Analysis Comments:		b Sample Number: 07-00303.0013
Layer 1 Gold mastic Asbestos Fibrous Components: No Asbestos Detected	Non-Asbestos Fibrous Components:	Non-Fibrous Components: 100% Filler and Binder
Layer 2White floor tileAsbestos Fibrous Components:2%Chrysotile	Non-Asbestos Fibrous Components:	Non-Fibrous Components: 98% Vinyl Filler and Binder
Layer 3 Black asphaltic masti Asbestos Fibrous Components: <u>3% Chrysotile</u>	<b>c</b> Non-Asbestos Fibrous Components:	Non-Fibrous Components: 97% Asphalt Filler and Binder
Sampled by: Chuck Greeb	(Sample results continued on next page 4/4/2007	e.)

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Crystal Wright, Laboratory Supervisor

Page 5

4/4/2007

4/4/2007

Received by: Crystal Wright

Analyzed by: Crystal Wright



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\_\_\_\_\_

## PLM Asbestos Analysis Report\*

PBS Engineering and Environmental 130 Nickerson Street #107 Seattle, WA 98109- Project Location: SHA Ross Manor	NLCS Batch Number:07-00303Client Job Number:40654.023Turn Around Time:3 Day CSamples Analyzed:26
Client Sample Number: <b>14</b> Dn-site Description: <b>Sink U.C., Black</b> Sample Location: <b>2nd Fl Kitchen</b> Analysis Comments:	Lab Sample Number: 07-00303.0014
Black powdery material Asbestos Fibrous Components: Non-Asbesto 2% Chrysotile	os Fibrous Components: Non-Fibrous Components: 98% Filler and Binder
Client Sample Number: <b>15</b>	Lab Sample Number: 07-00303.0015
•	
On-site Description: Mastic on Brown 4" Cove Sample Location: 2nd Fl Kitchen Analysis Comments: Layer 1 Brown brittle mastic	os Fibrous Components: Non-Fibrous Components: 100% Filler and Binder
On-site Description: Mastic on Brown 4" Cove Sample Location: 2nd Fl Kitchen Analysis Comments: Layer 1 Brown brittle mastic Asbestos Fibrous Components: Non-Asbesto No Asbestos Detected Layer 2 White powder	os Fibrous Components: Non-Fibrous Components:

(Sample results continued on next page.)

Sampled by: Chuck Greeb	4/4/2007 4/4/2007	Chight	
Received by: Crystal Wright Analyzed by: Crystal Wright		Crystal Wright, Laboratory Supervisor	Dago 6
•			Page 6



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## PLM Asbestos Analysis Report\*

PBS Engineering and Environmental 130 Nickerson Street #107 Seattle, WA 98109- Project Location: SHA Ross Manor		NLCS Bat Client Job Turn Arou Samples A	Number: nd Time:	07-00303 40654.023 3 Day C 26	
Paint on gray fibrous	material				
Asbestos Fibrous Components: No Asbestos Detected	Non-Asbestos Fibrous 25% Mineral Wool 45% Cellulose	Components:		s Components: r and Binder	
Client Sample Number: <b>17</b> On-site Description: <b>GWB &amp; JC</b> Sample Location: <b>11th FI. Storag</b> Analysis Comments:	e Rm.	Lat	) Sample N	umber: 07-00303.0017	ŗ
Layer 1 Paint on white powde Asbestos Fibrous Components: No Asbestos Detected	r Non-Asbestos Fibrous	Components:		is Components: er and Binder	
Layer 2 Tan papery material v	vith white powder				_
Asbestos Fibrous Components: No Asbestos Detected	Non-Asbestos Fibrous 35% Cellulose	Components:		us Components: er and Binder	
Client Sample Number: <b>18</b> On-site Description: <b>GWB &amp; JC</b> Sample Location: <b>10th FI. Storag</b> Analysis Comments:	je Rm.	La	o Sample N	umber: 07-00303.0011	В
Layer 1 Paint on white powde Asbestos Fibrous Components: No Asbestos Detected	Non-Asbestos Fibrous	Components:		us Components: er and Binder	
Layer 2 Tan papery material Asbestos Fibrous Components: No Asbestos Detected	with white powder Non-Asbestos Fibrous 35% Cellulose	s Components:		us Components: er and Binder	
	(Sample results contin	nued on next page	e.)		
Sampled by: Chuck Greeb Received by: Crystal Wright Analyzed by: Crystal Wright	4/4/2007 4/4/2007 4/4/2007	Crystal Wrigh	nt, Laborator		Page 7



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## PLM Asbestos Analysis Report\*

PBS Engineering and Environmental 130 Nickerson Street #107		NLCS Batch Number:		
Seattle, WA 98109-		Client Job Number: Turn Around Time:	40654.023 3 Day C	
Project Location: SHA Ross Manor Samples Analyzed: 26				
Client Sample Number: <b>19</b>		Lab Sample Nu	umber: 07-00303.0019	
On-site Description: Pipe Fitting				
Sample Location: 1st Fl. Hallway I	oy Jan. Storage			
Analysis Comments:				
Woven material with w	vhite powder			
Asbestos Fibrous Components:	Non-Asbestos Fibrou	is Components: Non-Fibrou	is Components:	
No Asbestos Detected	15% Cellulose	60% Fille	r and Binder	
	25% Mineral Wool			
Client Sample Number: 20		Lab Sample Nu	umber: 07-00303.0020	
On-site Description: Popcorn Ceiling	Texture			
Sample Location: 3rd FI. Hallway				
Analysis Comments:				
White lumpy foamy ma	aterial			
Asbestos Fibrous Components:	Non-Asbestos Fibrou	us Components: Non-Fibrou	is Components:	
2% Chrysotile		98% Fille	er and Binder	
Client Sample Number: 21		Lab Sample Nu	umber: 07-00303.0021	
On-site Description: Popcorn Ceiling	Texture			
Sample Location: 6th Fl. Hallway				
Analysis Comments:				
White foamy powdery	material			
Asbestos Fibrous Components:	Non-Asbestos Fibro	us Components: Non-Fibrou	us Components:	
2% Chrysotile		98% Fille	er and Binder	
		<u> </u>		
		itinued on next page.)		
Sampled by: Chuck Greeb	4/4/2007	Clina	)	
Received by: Crystal Wright Analyzed by: Crystal Wright	4/4/2007 4/4/2007	Crystal Wright, Laborator	y Supervisor	
Analyzeu by. Orystal triight			Page 8	

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## PLM Asbestos Analysis Report\*

PBS Engineering and Environmental 130 Nickerson Street #107 Seattle, WA 98109- Project Location: SHA Ross Manor	NLCS Batch Number:07-00303Client Job Number:40654.023Turn Around Time:3 Day CSamples Analyzed:26
Client Sample Number: 22 On-site Description: Popcorn Ceiling Texture Sample Location: 8th Fl. Hallway Analysis Comments:	Lab Sample Number: 07-00303.0022
White foamy powdery material           Asbestos Fibrous Components:         Non-Asbestos           2% Chrysotile         Non-Asbestos	s Fibrous Components: Non-Fibrous Components: 98% Filler and Binder
Client Sample Number: 23 On-site Description: 12" Beige VCT Sample Location: Elevator, W. Car Analysis Comments:	Lab Sample Number: 07-00303.0023
Layer 1Off-white floor tileAsbestos Fibrous Components:Non-AsbestoNo Asbestos DetectedNon-Asbesto	s Fibrous Components: Non-Fibrous Components: 100% Vinyl Filler and Binder
Layer 2Dark gold masticAsbestos Fibrous Components:Non-AsbestoNo Asbestos DetectedNon-Asbesto	s Fibrous Components: Non-Fibrous Components: 100% Filler and Binder
Client Sample Number: <b>24</b> On-site Description: <b>Popcorn Ceiling Texture</b> Sample Location: <b>10th FI. Hallway</b> Analysis Comments:	Lab Sample Number: 07-00303.0024
White foamy lumpy powdery materia Asbestos Fibrous Components: Non-Asbesto 2% Chrysotile	al os Fibrous Components: Non-Fibrous Components: 98% Filler and Binder
(Sample re Sampled by: Chuck Greeb 4/4/2 Received by: Crystal Wright 4/4/2 Analyzed by: Crystal Wright 4/4/2 *This report is for the exclusive use of the client, an	2007 Crystal Wright, Laboratory Supervisor Pag

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## PLM Asbestos Analysis Report\*

PBS Engineering and Environmental 130 Nickerson Street #107 Seattle, WA 98109- Project Location: SHA Ross Manor	Cli Tu	CS Batch Number: ent Job Number: rn Around Time: mples Analyzed:	07-00303 40654.023 3 Day C 26
Client Sample Number: 25 On-site Description: GWB & JC		Lab Sample Nu	imber: 07-00303.0025
Sample Location: <b>12th Fl. Storage</b> Analysis Comments:	9 Rm.		
Layer 1 Paint on off-white pow	der		
Asbestos Fibrous Components:	Non-Asbestos Fibrous Compo	nents: Non-Fibrou	s Components:
No Asbestos Detected		100% Fille	r and Binder
Layer 2 Tan papery material w	ith white powder		
Asbestos Fibrous Components:	Non-Asbestos Fibrous Compo	nents: Non-Fibrou	s Components:
No Asbestos Detected	35% Cellulose	65% Fille	r and Binder
Client Sample Number: 26 On-site Description: Gray Window Fr		Lab Sample Nu	umber: 07-00303.0026
Sample Location: N. Entrance, Ex	terior		
Analysis Comments:			
Gray pliable material			
Asbestos Fibrous Components: No Asbestos Detected	Non-Asbestos Fibrous Compo		is Components: er and Binder

Sampled by: Chuck Greeb Received by: Crystal Wright Analyzed by: Crystal Wright 4/4/2007 4/4/2007 4/4/2007

Crystal Wright, Laboratory Supervisor

Page 10



 138 SW 154th Street
 Burien, WA 98166

 OFFICE: 206.244.1060
 FAX: 206.244.1063

Laboratory & Consulting Services, Inc.

## **PLM Asbestos Analysis Report\***

PBS Environmental 130 Nickerson Street S Seattle, WA 98109 Project Location: DKA Ro		NLCS,Inc Number: Client Number: Turn Around Time: Samples Analyzed:	07-00417 40654.023 24 Hour 2
Client Sample Number:	40654.023-27	Lab Sample Number:	07-00417.001
Samples Description: Sample Location: Analysis Comment:	Window Frame Sealant 2nd Fl., W. Side		
Black pliab Asbestos Fibrous Com NO ASBESTOS DETEC	ponent: Non Asbestos Fibrous Compor		omponent: and binder
Client Sample Number:	40654.023-28	Lab Sample Number:	07-00417.002
Samples Description:	Window Frame Sealant		
Sample Location:	9th FI., E. Side		
Analysis Comment:			
Black hard Asbestos Fibrous Com NO ASBESTOS DETEC	ponent: Non Asbestos Fibrous Compor		omponent: and binder

Sampled By: Chuck Greeb Received By: Crystal Wright Reviewed By: Crystal Wright

5/8/2007 5/8/2007 5/8/2007

Crystal Wright, Laboratory Supervisor

Ρ	BS

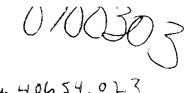
0700303/

Proj	ject: <u>5 HA</u> <u>Ross</u>	Manor	······································	Project #:	
Ana	llysis requested:			Date:/14/07	
Reli	nq'd by/Signature:	ul pare		Date/Time:	2:40
Reco	eived by/Signature:	Â	AV	Date/Time:///////////////////////////////	7
Fax	results to:		$\left( \right)$	<i>,</i> , ,	
	Brian Stanford		Prudy Stoudt-McRae	Harry Goren	
	Ernest Edwards		Chuck Greeb	Tim Ogden	
	Gregg Middaugh		Janet Murphy	□ Mike Smith	
	Mark Hiley		Willem Mager	Other	
TUR	<b>RN AROUND TIME:</b>				
	1 Hour		24 Hours	De 35 Days	
	2 Hours		48 Hours	_ (5,0,1,0,5	
Q	4 Hours			Other	

Lab #	Sample #	Material	Location	Lab
	~ C .	Repearen Ceiling	Unit 610	
	- 82	Brige persid and	unit 610 (Through I with	
	- <u>¢_</u> ]	black sink V.C.	Chit 610 Kutchich	
	- 04	P. pc Fitting	Thit 610 Bothmon Care	
	- 0 5	12"VET, uff white in Stroks	12th fl. Garboy Rim	
	- úf.	Grant un brick	Roff, Glev. Marbuck Rom	
	-07	Sealant - HVAC Eup	Raf	
	-05	Carvas on H.W. Junk-	March, Rom, 1st St. + d gives)	<del></del>
	- 09	Guby JS	1ST Fl. Sturge ((L. Tedian)	<u> </u>
	-10	GW87JS	St. Fr. : Cot -	
	- /1	Mendal standing	1st 51 Men's Kin	
	<u> </u>		In FL 6066-1	
	-13		lot FI LOGEY	
	- 14		20041 Kitchins	
	- 15	Mastic up baux 4" cove	2-nufe - Kataban (+Je)	

StMasters Office Tech Forms & Templates Lab Chain-of-Custody.doc

PBS	



.oj	ect: Ross Man	0/		Project #:	40654.023
Anal	lysis requested: <u><u><u>P</u>-M</u></u>			Date:	
Relir	nq'd by/Signature:	uch Greet		Date/Tim	e: 4/4/07, 12:40
	vived by/Signature:	1	A	Date/Tim	1111/1 -1
Fax 1	results to:		$\bigcirc$		/ /
	Brian Stanford		Prudy Stoudt-McRae		Harry Goren
	Ernest Edwards	ষ্	Chuck Greeb	赵	Tim Ogden
	Gregg Middaugh		Janet Murphy		Mike Smith
	Mark Hiley		Willem Mager		Other
TUR	N AROUND TIME:				
	1 Hour		24 Hours	8	(3-) Days
	2 Hours		48 Hours		Other
	4 Hours				

Lab # Sample # Material Location Lab -16 2.4 6.1. br & 1. Hallum 1 by Jan. Storage -10 202 C.1. -17 GUBIJC III & C. Storage -18 GWBIJK III III & C. Storage -20 peptom Calling Teature 3rd & Hallway -21 Poptom Calling teature Gth & Hallway -22 Poptom Calling teature Bth & Hallway -22 Poptom Calling teature 8th & Hallway -22 Poptom Calling teature 8th & Hallway -23 Poptom Calling teature 10th & Hallway -23 Li Beige VCI Elavator W. Car -25 GWBIJC IIII Beige R 11th fl. storage Rom-10th fr. Sturage Rm. Elevator . W. Car itth 61. Storage Ron -19 Pipe Fitting -26 r-1 Gray window frame cart N. entrance, exterior

S:\Masters\Office\Tech Forms & Templates\Lab Chain-of-Custody.doc

			PBS		07-00417		
Proje	n: <u>DKA</u> Ross M	gnor	,	Project #:	C7-00417 40654.023		
Analy	sis requested: <u>PLM</u>			Date: <u>∫</u> اً			
Relino	I'd by/Signature: Chuch	Jrev		Date/Time	e: 518 07		
Receiv	ved by/Signature:	Stro	de	Date/Time: <u>5/8/07</u>			
Fax re	sults to:				/ /		
	Brian Stanford		Prudy Stoudt-McRae		Harry Goren		
	Ernest Edwards	2	Chuck Greeb	R.	Tim Ogden		
	Gregg Middaugh		Janet Murphy		Mike Smith		
	Mark Hiley		Willem Mager		Other		
TURN	<b>AROUND TIME:</b>						
	1 Hour	EK.	24 Hours		3-5 Days		
	2 Hours		48 Hours		Other		
	4 Hours						

		BUEK SAMPLE DAI	AFORM	
Lab #	Sample #	Material	Location	Lab
	- 27	window France Scalast	wind MErgan A stor ant	
			2nd Fl., W. Side	
	-28	window Frame Sealant	2nd Fl., W. Side 9th Fl., E.S.J.	
		17. Berga (17. )		
,				
				-
				+

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## SAMPLE LOG/CHAIN OF CUSTODY

Client Com	Client CompanySeattle Housing Authority							PAI Batch Number 96 - 0502			
Client Addre	ess	4500 MLK	(Way	South			Community I.D. / Building I.D.	P.O. 76244			
						<u>08</u>	Number of Samples				
RESULTS A	ATTEN		14/0	. Jerry (	nese M		TYPE	OF ANALYSIS LEAD			
Image: Marked Phone $615 \cdot 3532$ $-615 \cdot 3530$ Image: Marked Phone $615 \cdot 3537$ Image: Marked Phone $615 \cdot 3537$							ASBESTOS	Paint Chips S			
Building		420 Wes	STERN	Ave.	[		OTHER (specify)				
Address	<u>04</u>	420 Wes , Ross M	ANOR					AROUND TIME	<u>ac</u>		
Condition of Package:						PRICE PER SAMPLE					
					3 - \-P						
Seq. #		Lab ID		mple ID	A/R	Seq. i		Sample ID	A/R		
Seq. # 1			Sai	mple ID	A/R				A/R		
		Lab ID	Sai		A/R	Seq. I			A/R		
1		Lab ID	Sai	mple ID 96JCAB13	A/R A	Seq. 1			A/R		
1 2		Lab ID 020440 441	Sai	mple ID 96JCAB13 AB14	A/R A	Seq. 1 11 12			A/R		
1 2 3		Lab ID 020440 441 472	Sai	mple ID 96JCAB13 AB14 AB15	A/R A	Seq. 1 11 12 13			A/R		
1 2 3 4		Lab ID 020440 441 472	Sai	mple ID 96JCAB13 AB14 AB15	A/R A	Seq. 1 11 12 13 14			A/R		
1 2 3 4 5		Lab ID 020440 441 472	Sai	mple ID 96JCAB13 AB14 AB15	A/R A	Seq. 1 11 12 13 14 15			A/R		
1 2 3 4 5 6		Lab ID 020440 441 472	Sai	mple ID 96JCAB13 AB14 AB15	A/R A	Seq. 1 11 12 13 14 15 16			A/R		
1 2 3 4 5 6 7		Lab ID 020440 441 472	Sai	mple ID 96JCAB13 AB14 AB15	A/R A	Seq. 1 11 12 13 14 15 16 17			A/R		

	SIGN	ATURE	DATE	TIME
Sampled By:	Chase 1	Harris	2.23.96	130
Delivered By:		tarris	2.2.6.96	9:34
Received By:		Willow	2/24/94	7:3 × Am
Analyzed By:		J		
Results called in by:				
Results Faxed by:				

SPECIAL INSTRUCTIONS:		······
0		
trasit's by	9:30 Am Threaden 2/28/94	

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

Community:_	046	Koss.	MANOR

Unit:\_\_\_

Address: 1420 Western Ave.

#### BULK SAMPLING DATA SHEET

\_\_\_\_\_

BULK SAMPLING DATA SHEET									
Functional Space Room/Number	Floor	Sample No.	Type of Material	% Asbestos					
Hailway	151	022396 JCA3 13	Ceiling tile	ND					
GARBAGE RM	and	AB 14	Fl, tile	10% MASTIC					
GARBAGE RM	2nd	<u>AB15</u>	Cove base /MAST	ND					
the 11wmy	and	A 316	POPCORN CELLING	ND					
			······································						
		······································							
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			······································						
	<u> </u>								

Sampled By: Chase / Harris

Date: 2.23.96

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330 6th Ave. North, Suite 200, Seattle, WA 98109 rezant OFFICE: (206) 281-8858 FAX: (206) 281-8922 BULK ASBESTOS FIBER ANALYSIS 1886 PAI Job Number: 96 - 0502.00 Client: Seattle Housing Authority Number of samples: 4 Address: 4500 MLK Way South REGULAR Seattle, WA 98108 Attn: Mr. Jerry Chase Project: 1420 Western Ave. 046, Ross Manor Project #: xxxx Sample Location: Hallway, 1st floor Sample #: 022396JCAB13 Lab #:96020440 Sample Description: Gray fibrous matrix with white paint NON-ASBESTOS NON-FIBROUS COMPONENTS TOTAL: 20 % 3 % Paint 15% Perlite 2 % Glass beads NON-ASBESTOS FIBROUS COMPONENTS % TOTAL: 80 % 40% Cellulose fibers 40% **Ceramic** fibers % ASBESTOS FIBROUS COMPONENTS No detectable asbestos TOTAL: ND % TOTAL ASBESTOS: ND % Λ

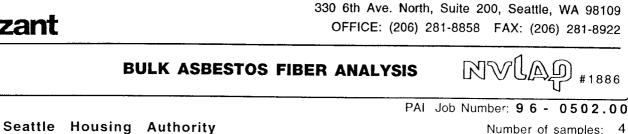
Sampled by:	Client			
Analyzed by:	Greg Willett	Date:	02/29/96	mil white
Reviewed By:	James Catalano	Date:	02/29/96	* James Catalano CIH, Laboratory Director

\* 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. s report relates only to the items tested.

amples 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.



Number of samples: 4 BEGULAR

#1886

Sample #: 022396JCAB14 Lab #:96020441

NON-ASBESTOS NON-FIBROUS COMPONENTS

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

Project #: XXXX

% NON-ASBESTOS FIBROUS COMPONENTS 10% Cellulose fibers L-1

% ASBESTOS FIBROUS COMPONENTS

10% Chrysotile L-2

> TOTAL ASBESTOS: <1 %

> > 1

Sampled by: Client		
Analyzed by: Greg Willett	Date: 02/29/96	MIL WALL
Reviewed By: James Catalano	Date: 02/29/96	* mes 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. s report relates only to the items tested.

is 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.

# rezant

Address: 4500 MLK Way South

Project: 1420 Western Ave.

Seattle, WA 98108 Attn: Mr. Jerry Chase

046, Ross Manor

Sample Location: Garbage room, 2nd floor

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

Client:

TOTAL: <1 %

TOTAL: 10 %

TOTAL: >89 %

<b>ઈ</b> ,5	Prezant
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Project #: XXXX

Sample Description:

Client:

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 - 0502.00

Number of samples: 4

REGULAR

Sample #:022396JCAB15 Lab #:96020442

NON-ASBESTOS NON-FIBROUS COMPONENTS 100% Mastic/binder

Seattle Housing Authority

Brown mastic

Address: 4500 MLK Way South

Project: 1420 Western Ave.

Seattle, WA 98108 Attn: Mr. Jerry Chase

046, Ross Manor

Sample Location: Garbage room, 2nd floor

% NON-ASBESTOS FIBROUS COMPONENTS No detectable fibers

% ASBESTOS FIBROUS COMPONENTS No detectable asbestos TOTAL: ND %

TOTAL: 100 %

TOTAL:<u>ND</u>%

TOTAL ASBESTOS: ND %

Sampled by:	Client			
Analyzed by:	Greg Willett	Date:	02/29/96	pull white
Reviewed By:	James Catalano	Date:	02/29/96	* temes Catalano CIH, Laboratory Director

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

bulk samples are analyzed using test method 40 CFR ch. I (1-1-87 edition) Pt 763, Subpt. F App. A, pages 293-299. 's report relates only to the items tested.

is 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 **Prezant** OFFICE: (206) 281-8858 FAX: (206) 281-8922 **BULK ASBESTOS FIBER ANALYSIS** 1886 PAI Job Number: 96 -0502.00 Seattle Housing Authority Client: Number of samples: 4 Address: 4500 MLK Way South REGULAR Seattle, WA 98108 Attn: Mr. Jerry Chase Project: 1420 Western Ave. 046, Ross Manor Project #: xxxx Sample Location: Hallway, 2nd floor Sample #: 022396JCAB16 Lab #:96020443 Sample Description: White spongy matrix NON-ASBESTOS NON-FIBROUS COMPONENTS TOTAL: 100 % 65% Synthetic foam 35% Calcareous matrix % NON-ASBESTOS FIBROUS COMPONENTS TOTAL:\_\_ND % No detectable fibers % ASBESTOS FIBROUS COMPONENTS TOTAL: ND % No detectable asbestos

TOTAL ASBESTOS: ND 火

12

Client Sampled by: Analyzed by: Greg Willett Date: 02/29/96 Reviewed By: James Catalano 02/29/96 Date: mes 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. s report relates only to the items tested.

in 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.

## EMSL Analytical, Inc.

Attn.: JerryChase/Lorrie Harris Seattle Housing Authority 1205 N. 45th Street Seattle, WA 98103

1001 SW Klickitat Way, Ste 107 Seattle, WA 98134 Fax: (206) 233-9011 Phone: (206) 233-9007

Tuesday, December 29, 1998

Ref Number: SE983542

### POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method\*

Project: 046 #306

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	<u>ASBE</u> %	<u>ESTOS</u> TYPE	%	<u>NONASB</u> FIBROUS	<u>ESTOS</u> %	NONFIBROUS
122998JCAB01		White Non-Fibrous Heterogeneous	Teased/Crushed	No	ne Detected	1%	Cellulose		<sup>⊗</sup> Other <sup>⊗</sup> Paint/Coating
122998JCAB02		Off-white Non-Fibrous Heterogeneous	Teased/Crushed	No	ne Detected	2%	Cellulose	38%	6 Synthetic foam 6 Other 6 Paint/Coating
122998JCAB03		Off-white Non-Fibrous Heterogeneous	Teased/Crushed	No	ne Detected	2%	Cellulose	38%	% Synthetic foam % Other % Paint/Coating

SPRAYED ON CEILING

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

\* NY samples also analyzed by ELAP 198-1 Method

Judith Cummings Analyst

Approved

1

Signatory

Disclaimers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteel. Samples reported as <1% or none detected should be tested with either SEM or TEM. The above test report relates only to the reims tested. This report may only be reproduced in part with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.

#### EMSL ANALYTICAL, INC.

**CHAIN OF CUSTODY** 

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359	825217
L FAR	Y NOTATION
LEAD	/ ASBESTOS

1001 SW Klickitat Way, #107, Seattle, WA 98134 (206) 233-9007 (Fax) (206) 233-9011

EMSL Representative: Sean Olson	CONTVACT #2421
Your Company Name: Seattle Housing Aud Address: 120 6Th Ave North City/State: Seattle, WA Zip	thority Jerry Chase / Lorrie Harris
Phone Results to: <u>5745 /6 2 3</u>	Fax Results to: JERRY 6141422 Fax #: 5451000
Project Name/Number: <u>CHLa # 306</u>	Address : 20 (1121-1120)
*Turn Around Time: (TAT)11(CIRCLE ONE)3 Hour6 Hour12	Hour 24 Hour 48 Hour 72 Hour 5 Days 6-10 Days

#### LEAD SAMPLES

ANALYTICAL METHOD**		
		# Samples
NIOSH 7082		
EPA SW846-7420-3050A		
SW846-1311/7420		
EPA SW846-7420-3050A		
	EPA SW846-7420-3050A SW846-1311/7420	EPA SW846-7420-3050A         0.01%           NIOSH 7082         10 ug/filter           EPA SW846-7420-3050A         12 ug/wipe           SW846-1311/7420         0.4mg/1(ppm)

Total # of Lead Samples Submitted:

#### ASBESTOS SAMPLES

SAMPLE TYPE	ANALYTICAL METHOD**	DETECTION LIMIT	4 0
TEM - Air	AHERA	0.005 str/cc	# Samples
TEM - Air	Yamate LV II		
TEM - Air	NIOSH 7402	Variable; <0.005 str/cc	
TEM - Dust/Bulk		Variable; only str>5um counted	
TEM - Dust	Qualitative (Presence/Absence)		1
	Quantitative		f
TEM - Bulk	Quantitative - Chatfield		
PCM Air	NIOSH 7400	·····	
PLM Bulk	EPA 600		
PLM Point Count			3
	1		l

Total # of Asbestos Samples Submitted: 3

Sample #	Location	Volume/Area
1229985C-ABCI	KITCHEN CENING	
1229985CABAZ 1229985CAB03	1-11 inde Rain CEILING	
122996JCABO3	KITCHEN CELLING 6-111 into Rach CELLING BED ROOM CELLING	
· · · · · · · · · · · · · · · · · · ·		

Continued on Page 2? () Yes (/ YNo	Page 1 of
Relinquished By: June Churce	Date/Time: 1.2.2.2.2.4.4.
Sent via (Circle Type): Fed Ex, UPS, US Mail, Courier, Hand Delivered;	Other:
Received @ EMSL By: Jule Lamp 12-25 98 3FM	Date/Time: 12.29.98 500 (20)
maryles of: Jude Change 12:27 18 STM	

\* TAT is Based on Working Hours M-F, 8AM - 5PM. After hours, weekend and holiday TAT please CALL for arrangements (A \$150 Lab Opening Fee is Standard).

\*\* Other Analytical Methods and Tests available through our nationwide network of laboratories; please call with any questions!

ז F	el: 206	<sup>98</sup> Aurora 547.0100	Ave N, Emer	<b>ratories,</b> Seattle - WA 98 g.Cell: 206.914 .NVL.LABS (68	3103	CHAII Sa	N of CUST	TODY )G	280	ватсн )183		00
				Housing Aut		• .						•••
				etroit Ave. Sv			NVL Bate	ch Number				
				WA 98126			Client Jo	ов Китбег	746	076		
P	roject M	anager <u>I</u>	Vis. Lor	rie Harris	•		Tota	al Samples	1	5		
Pr	roject Lo	cation _	¥	Ross Man	05		Turn Arc	ound Time 🛛	1-Hr 🗍 8-F	-lrs □2[	Days []	] 5 De
		_		Celli					4-Hrs 24	Has [] 4 [	Days [] Days	J 6-10
	·,	Phone: (	206) 7	16- <b>1</b> 310 г	1		Ema	il address <u>lha</u>	Please call; Please call;	for TAT less	than 24	Hrs
	🗋 Asb	estos Air	ПР	M (NIOSU 74	AAL (77	767-4350	Cell:	(206) 255-8	364			
	X Asb	estos Bul		CM (NIOSH 74		<u>M (NIOSH 74</u>	02) TEM (/ Point Count) [	AHERA)	EM (EPA Lo			<u> </u>
j		VEUDQUE		WILL AND DU	<u>-93/116) (</u>	PLM (EPA	Point Count) (		Gravimete A		Other	
Ì	METAL	e angus				] Rotometer	Calibration		οιανιτιστιγ		ULK	
	Total	Metals	Det L		rix			RCRA Metals				
	C TOLF	)			ir Filter	🗌 Soi	2 1		🗌 All 8		Other N	vietais
				P (ppm)	Ininking wat	er 🗌 Pair	UUDIOS in % IE	7	_			
Į r	<u> </u>						In Chips in cn	Cadmium /C	-	(Pb)	☐ Copp ] Nicke	ver (C
	Other	Types	🛛 Fib	erglass 🗌 Sil		ieanos Durri	Respirable [		d) 🗌 Merci	ury (Hg)	$\frac{1}{2}$ Zinc (	21 (191) (7n)
L	of An	alvsis	<u> </u>	<u> </u>		isance Düst	LI Respirable [	Dust 🗌 Othe	r (Specify)			20)
	Conditi	ი <u>ი</u> ინ ს									·	— <b>—</b> –
[		onorpat	skage:		Damaged (n	io spillage) [	Severe dama	100 (apillar 1				
13		Lab ID		Client Samp	le Number	Command		ge (spillage)				
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NVL Laboratories, Inc.		rvlag
4708 Aurora Ave. N., Seattle, WA 98103	For the scope of accreditatic	n under NVLAP Lab Code 102063
www.nvllabs.com BUIK ASDEStOS	Fibers Analysis	
By Polarized Lig	ht Microscopy	
Client: Seattle Housing Authority		Batch #: 2801834.0
Address: 7500 Detroit Ave, SW		Client Project #: 74676
Seattle, WA 98126		Date Received: 02/11/2008
Attention: Ms. Lorrie Harris		Samples Received: 1:
Project Location: Ross Manor Ceilings		Samples Analyzed: 16 Method: EPA/600R-93/116
Lab ID: 28010769 Client Sample #: 046TFASB01 Location: Ross Manor		
Layer 1 of 1 Description: Off-white lumpy foamy material with pa	int	
	other Fibrous Materials:%	Asbestos Type: %
Calcareous particles, Binder/Filler, Synthetic foam	None Detected ND	
Paint		None Detected NI
Lab ID: 28010770         Client Sample #: 046TFASB02           Location: Ross Manor         Client Sample #: 046TFASB02		
Layer 1 of 1 Description: Off-white lumpy foamy material with pa	int	
	ther Fibrous Materials:%	Achaetee Truss of
Calcareous particles, Binder/Filler, Synthetic foam	None Detected ND	Asbestos Type: %
Paint	None Deteoled ND	None Detected ND
Lab ID: 28010771 Client Sample #: 046TFASB03 Location: Ross Manor		
Layer 1 of 1 Description: Off-white lumpy foamy material with pai	4	
Non-Fibrous Materials: O		
Calcareous particles, Binder/Filler, Synthetic foam		Asbestos Type: %
Paint	None Detected ND	None Detected ND
Lab ID: 28010772 Client Sample #: 046TFASB04		
ayer 1 of 1 Description: Off-white lumpy foamy material with pair	of .	
	her Fibrous Materials:%	
Calcareous particles, Binder/Filler, Synthetic foam	Cellulose <1%	Asbestos Type: %
Paint	Cellulose < 1%	None Detected ND
ab ID: 28010773         Client Sample #: 046TFASB05           ocation: Ross Manor         Client Sample #: 046TFASB05		
Sampled by: Client		
Analyzed by: Nadezhda Prysyazhnyuk Date: 02/12/	2008	RAFT
ote: If samples are not homogeneous, then subsamples of the components were ana 3/116 Method with the following measurement uncertainties for the reported % Asbe 0%). This report relates only to the items tested. If sample was not collected by i ethodology and acuity of the sample collector. This report shall not be reproduced exce t be used to claim product endorsement by NVLAP or any other anergy of the LIS Court	lyzed separately. All bulk samp stos (1%=0-3%, 5%=1-9%, 109	les are analyzed using EPA 600/R %=5-15%, 20%=10-30%, 50%=40

NVL Laboratories, Inc.			RVLAD
4708 Aurora Ave. N., Seattle, WA 98103	For the scope of acc	reditation	under NVLAP Lab Code 102063-
Tel: 206.547.0100, Fax: 206.634.1936 www.nvllabs.com Bulk Asb	estos Fibers Anal	ysis	
By Pol	arized Light Microscopy	•	
Client: Seattle Housing Authority			Batch #: 2801834.00
Address: 7500 Detroit Ave. SW			Client Project #: 74678
Seattle, WA 98126			Date Received: 02/11/2008
Attention: Ms. Lorrie Harris			Samples Received: 15 Samples Analyzed: 15
roject Location: Ross Manor Ceilíngs			Method: EPA/600R-93/116
ayer 1 of 1 Description: Off-white lumpy foamy mater			
Non-Fibrous Materials:		rials <sup>.</sup> %	Asbestos Type: %
Calcareous particles, Binder/Filler, Synthetic foam			None Detected N
ab ID: 28010774 Client Sample #: 046TFAS		. 170	None Detected IN
ocation: Ross Manor ayer 1 of 1 Description: Off-white lumpy foamy mater	ìal		
Non-Fibrous Materials:		rials:%	Asbestos Type: %
Calcareous particles, Binder/Filler, Synthetic foam	None Detected	ND	None Detected NI
.ab ID: 28010775         Client Sample #: 046TFASI           ocation: Ross Manor	307		
ayer 1 of 1 Description: Off-white lumpy foamy mater	ial with paint		
Non-Fibrous Materials:		rials:%	Asbestos Type: %
Calcareous particles, Binder/Filler, Synthetic foam			None Detected NI
Paint			
ab ID: 28010776 Client Sample #: 046TFASI ocation: Ross Manor	308		······································
ayer 1 of 1 Description: Off-white lumpy foamy mater	ial with paint		
Non-Fibrous Materials:	•	ials:%	Asbestos Type: %
Calcareous particles, Binder/Filler, Synthetic foam	None Detected	ND	None Detected NI
Paint			
ab ID: 28010777 Client Sample #: 046TFASI	309	<u> </u>	
ayer 1 of 1 Description: Off-white lumpy foamy mater	ial with paint		
Non-Fibrous Materials:	•	ials:%	Asbestos Type: %
Calcareous particles, Binder/Filler, Synthetic foam	None Detected	ND	None Detected Ni
Paint			
Sampled by: Client			······
Analyzed by: Nadezhda Prysyazhnyuk	ate: 02/12/2008	D	RAFT
ote: If samples are not homogeneous, then subsamples of the compon 3/116 Method with the following measurement uncertainties for the re 0%). This report relates only to the items tested. If sample was not ethodology and acuity of the sample collector. This report shall not be re	ported % Asbestos (1%=0-3%, 5% collected by NVL personnel, then	=1-9%, 10 the accu	0%=5-15%, 20%=10-30%, 50%=40 racy of the results is limited by the

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NVL Laboratories, Inc.		galvk
4708 Aurora Ave. N., Seattle, WA 98103		under NVLAP Lab Code 102063
www.nvilabs.com BUIK ASDEST	os Fibers Analysis	
	Light Microscopy	
Client: Seattle Housing Authority		Batch #: 2801834.00
Address: 7500 Detroit Ave. SW Seattle, WA 98126		Client Project #: 7467
Seallie, WA 90120		Date Received: 02/11/200
Attention: Ms. Lorrie Harris		Samples Received: 1
Project Location: Ross Manor		Samples Analyzed: 14 Method: EPA/600R-93/116
Ceilings		
Lab ID: 28010778Client Sample #: 046TFASB10Location: Ross Manor		
Layer 1 of 1 Description: Off-white lumpy foamy material with	h paint	
Non-Fibrous Materials:	Other Fibrous Materials:%	Asbestos Type: %
Calcareous particles, Binder/Filler, Synthetic foam	None Detected ND	None Detected N
Paint		
Lab ID: 28010779         Client Sample #: 046TFASB11           Location: Ross Manor		· · · · · · · · · · · · · · · · · · ·
Layer 1 of 1 Description: Off-white lumpy foamy material		
Non-Fibrous Materials:	Other Fibrous Materials:%	Asbestos Type: %
Calcareous particles, Binder/Filler, Synthetic foam	None Detected ND	None Detected NI
Lab ID: 28010780Client Sample #: 046TFASB12Location: Ross Manor		ŝ.
ayer 1 of 1 Description: Off-white lumpy foamy material		
Non-Fibrous Materials:	Other Fibrous Materials:%	Asbestos Type: %
Calcareous particles, Binder/Filler, Synthetic foam	None Detected ND	None Detected NE
Lab ID: 28010781       Client Sample #: 046TFASB13         Location: Ross Manor		
ayer 1 of 1 Description: Off-white lumpy foamy material		
Non-Fibrous Materials:	Other Fibrous Materials:%	Asbestos Type: %
Calcareous particles, Binder/Filler, Synthetic foam	None Detected ND	None Detected ND
Lab ID: 28010782Client Sample #: 046TFASB14Location: Ross Manor		· · ·
ayer 1 of 1 Description: Off-white lumpy foamy material		
Non-Fibrous Materials;	Other Fibrous Materials:%	Asbestos Type: %
Calcareous particles, Binder/Filler, Synthetic foam	None Detected ND	None Detected ND
Sampled by: Client		
Analyzed by: Nadezhda Prysyazhnyuk Date: 02	2/12/2008 <b>D</b>	RAFT
ote: If samples are not homogeneous, then subsamples of the components wer 3/116 Method with the following measurement uncertainties for the reported % 0%). This report relates only to the items tested. If sample was not collecte ethodology and aculty of the sample collector. This report shall not be reproduced to the used to doline medium and one were the NH 400	Asbestos (1%=0-3%, 5%=1-9%, 10 d by NV(1 personnol, then the person	%=5-15%, 20%=10-30%, 50%=40

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### 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

### Batch #: 2801834.00

NV(AD

Client Project #: 74676 Date Received: 02/11/2008 Samples Received: 15 Samples Analyzed: 15 Method: EPA/600R-93/116

Asbestos Type: %

ND

None Detected

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

### Attention: Ms. Lorrie Harris

Project Location: Ross Manor Ceilings

### Lab ID: 28010783 Client Sample #: 046TFASB15

Location: Ross Manor

Layer 1 of 1 Description: Off-white lumpy foamy material with paint

Non-Fibrous Materials:

Calcareous particles, Binder/Filler, Synthetic foam

Paint

None Detected ND

Other Fibrous Materials:%

Sampled by: Client

Analyzed by: Nadezhda Prysyazhnyuk

Date: 02/12/2008



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.

NUL Laboratories.inc.       CHAIN of CUSTODY       BATCH ID         Té: 200547 0100       Emerg 02::00146488       SAMPLE LOS       2801883.00         Street 200547 0100       Emerg 02::00146488       NML Batch Namber       774.676         Street 2002 Dation Ass. SW       Client Monager       Tel: 305.477.000       Tel: 400.000       Tel: 400.0000       Tel: 400.000       Tel: 400	'eb-15	-2008	10:24	AM NVL	Labs 2	20663419	936			3/9
Tet: 200.041/0100       BATCH ID       SAMPLE LoG       2801883.00         Fox: 200.041/0100       Mitching       2401883.00         Chent Settle Housing Addition       Mitching       74674         Street 7200.041/0100       Mitching       74674         Project Manager M6. Lottle Harris       Ten Around Time 1+44:       Bate, Dir Day:       Box         Project Manager M6. Lottle Harris       Ten Around Time 1+44:       Bate, Dir Day:       Box         Project Manager M6. Lottle Harris       Ten Around Time 1+44:       Bate, Dir Day:       Box         Project Manager M6. Lottle Harris       Ten Around Time 1+44:       Bate, Dir Day:       Box         Project Manager M6. Lottle Harris       Ten Around Time 2+44:       Bate, Dir Day:       Box         Asbectos Ar.       Circu MuQat 7400;       Ten Around Time 2+44:       Bate, Dir Day:       Box         Asbectos Ar.       Circu MuQat 7400;       Ten Around Time 2+4:       Bate, Dir Day:       Box         Moteriunos       Mate Ar.       Mode Ar.       Mode Around Time 2+4:       Bate, Dir Day:       Box         Moteriunos       Mate Aria       Mode Aria			NV	<u>L Labo</u>	<u>oratories</u>	s. Inc	ent a car			
Fee: 200.804.1393       Long Oct 20011883.000         Steer 7200 Detroid Jour. GW       Client Joan MULLAS (SSS27)         Steer 7200 Detroid Jour. GW       Client Joan MULLAS (SSS27)         Steer 7200 Detroid Jour. GW       Client Joan MULLAS (SSS27)         Project Manage MS. Lorde Haris       Ton Acumal Time 1 + 4         Project Location       Rest Manage.         Client Joan MULLAS (SSS27)       Ton Acumal Time 1 + 4         Project Location       Rest Manage.         Client Joan MULLAS (SSS27)       Ton Acumal Time 1 + 4         Project Location       Rest Manage.         Client Joan MULLAS (SSS27)       Ton Acumal Time 1 + 4         Project Location       Rest Manage.         Call Joan Acumal Time 1 + 4       Ton Acumal Time 1 + 4         Project Location       Rest Manage.         Call Joan Acumal Time 1 + 4       Ton Acumal Time 1 + 4         Madar (Dougle)       Part (Step Manage Client Step Manage Client		Tel-		$(0 \square 2 \square 0 \square 0 \square 0$	Sandy And		CHAIN o	f CUSTORY	BATO	
Client Seattle Housing advices       NVL Batch Number		Fax					SAM		20040	
Street 2500 Definit/was Bitze       NVL Bach Number       746 74         Street 2500 Definit/was Bitze       Torn Around Time       144       1445       12054       5500         Project Nanager Ma       Torn Around Time       1446       12054       5500         Project Location       Ross Mernan       Torn Around Time       1446       12054       5500         Project Location       Ross Mernan       Callund 9.5       Torn Around Time       1446       13056       5500         Project Location       Ross Mernan       Callund 9.5       Torn Around Time       1446       13056       5500         Project Location       Ross Mernan       Callund 9.5       Torn Around Time       1446       10056       10056       10066				- 1.88	8.NVL.LABS	(685.5227)	· ·		200188	33 กก
Street       2002 Delation Away, SW       Cifeti Lob Mundber       746 7/6         Project Manager       Ms. Lotrie Harris       Total Samples       5         Project Manager Ms. Lotrie Harris       Turn Anound Time Bitting 120ws Bits 200 Bit 200 Bits 2			Clie	nt <u>Seattl</u>	e Housing A	<u>uthority</u>				-0.00
Control Job Kundber       7.6         Project Manager M. Lorig Harris       Turn Around Time [] Harris [] 20 yes [] 50 ye			Stre	et <u>7500 I</u>	<u>Detroit Ave.</u>	SW		NVL Batch Number		
Import Location       Res 2.0 Markad.       Turn Actual Title       14th       2.0 Markad.       5.0 Markad.         Project Location       Res 2.0 Markad.       Turn Actual Title       14th       2.0 Markad.       5.0 Markad.         Project Location       Res 2.0 Markad.       Turn Actual Title       14th       2.0 Markad.       5.0 Markad.         Project Location       Res 2.0 Markad.       For X (200) 767-4330       Feasi address Markad.       For X (200) 765-4334         Phone:       (200) 756-1330       Fax: (200) 767-4336       Feasi address Markad.       Feasi address Markad. <td></td> <td><b>.</b></td> <td></td> <td>Seattle</td> <td>e, WA 98120</td> <td>6</td> <td></td> <td>Client Job Number</td> <td></td> <td>7/.</td>		<b>.</b>		Seattle	e, WA 98120	6		Client Job Number		7/.
Higher Location		Proj	ect Manag	er <u>Ms. Lo</u>	rrie Harris	·		10tal Samples	E	
Ceclust q.s.       Description of the set that a set that a set that the set that a s		Proje	ect Locatio	n	ROSS M	amor	······································	Turn Around Time		 П 2 рана СТ -
Phone:       (206) 716-1310       Fax:       (206) 767-4350       Email address filming@scalleblooking.org         Asbestos Arr       PCM (MOSH 7400)       TEM (APERA)       <					Ce	linde			2-Hrs 12-Hrs	3 Days 5 Days
Asbestos AI.       DPCM (MOGH 7400)       TEM (MOGH 7402)       TEM (AHERA)       TEM (AH			Phone	. /0001 5						-J 4 Days
Basetes Euril D. PLM (EPA 48000; 430116)       PLM (EPA 20int Count)       PLM (EPA 48000; 430116)       PLM (EPA 16000; 430		, LU	Ashoste	206)7	16-1310	Fax: (206)	767-4350	. Email address [	harris@seattlehous	Fless than 24 Hrs
Modifyranus       Mod Air       Mod Bak       Rotometr Calibration       The Buk         METALS       Det Limit       Mathematication       Mathematication       The Buk         Included       Det Limit       Mathematication       Mathematication       Mathematication         Included       Det Limit       Mathematication       Mathematication       Mathematication         Included       Det King water       Paint Chips in %       Barbanic (A)       Det Compare (A)         Included       Offer Types       Offer A (ppin)       DataWater       Paint Chips in %       Barbanic (A)       Det Compare (A)         Included       Offer Types       Offer Types       Good       Danaged (no spillage)       Severe damage (spillage)       Zevere damage (spillage)       Zevere damage (spillage)       Analysis         Condition of Package:       Good       Danaged (no spillage)       Severe damage (spillage)       Mathematication       Analysis         Seq.#       Lab ID       Client Sample Mumber       Comments (e.g Sample sere sample Vulne, etc.)       Analysis         Seq.#       Lab ID       Client Sample Mumber       Comments (e.g Sample sere sample Vulne, etc.)       Analysis         Sec.#       Lab ID       Client Sample Mumber       Comments (e.g Sample sere sample Vulne, etc.) <td< td=""><td></td><td></td><td>Aspestos</td><td></td><td>CM (NIOSH :</td><td>7400) 🗍 TE</td><td>M (NIOSH 7400)</td><td>Cell: (206) 255-</td><td>8364</td><td><u>1010-010</u></td></td<>			Aspestos		CM (NIOSH :	7400) 🗍 TE	M (NIOSH 7400)	Cell: (206) 255-	8364	<u>1010-010</u>
I odd Metals       FAA (ppm)       AF Pitter       Soil       Park A Metals       A I B       Other Metals         I OCLP       (ppm)       Other Metals       Park (ppm)       Park (p	•		Aspestos	Bulk D P	LM (EPA/600	/R-93/116)		TEM (AHERA)	TEM (EPA Level II)	[] 0"
I odd Metals       FAA (ppm)       AF Pitter       Soil       Park A Metals       A I B       Other Metals         I OCLP       (ppm)       Other Metals       Park (ppm)       Park (p			Mold/Fund		old Air			Count) PLM (EPA	Gravimetry)	
Incluing       Incluing <td< td=""><td></td><td></td><td>TALS</td><td></td><td></td><td>afriv</td><td>J Rotometer Cali</td><td>bration</td><td></td><td></td></td<>			TALS			afriv	J Rotometer Cali	bration		
CPC [ppm]       Dirking water       Paint Chips in %       Chronium (Collection)       Chronium (Collection)       Constant (Collection)       Const		- G	rotal Metal: TCLP		4A (ppm 🛛	Air Filter		RCRA Metal		
Image: Contract types       Image: Contract t				[_] IC	P (mmill	Drinking wat	~~ ^ -	IL Arsenic (A	N [7]	Other Metals
Ormanysis       Condition of Package: Good       Damaged (no spillage)       Severe damage (spillage)         Sec.#       Lab (D       Client Sample Number       Comments (e.g. Sample Volume, etc.)       AR         1       0/14 fr.f. As (b. 3.3)       Mean season       Murr.# (1055)       AR         3       3.7       Maximum       Murr.# (1055)       AR         4       3.6       Mean season       Murr.# (1205)       AR         5       4       Bankage       Murr.# (1205)       AR         6       7       Bankage       Murr.# (1205)       AR         10       Bankage       Murr.# (1205)       AR         11       12       Bankage       Murr.# (1205)       AR         11       12       Bankage       Murr.# (1205)       AR         11       12       Bankage       Bankage       Bankage       Bankage         12       10       Bankage       Bankage       Bankage       Bankage       Bankage         12       10       Bankage       Stath       2/12/16       Bankage				<u> [_]</u> GI	FAA (ppl	Dust/wipe (A	rea) [] Paint Chi	Parium (Ba	) Dlead (Ph)	U Copper (Cu)
Condition of Package:       Good       Damaged (no spillage)       Severa damage (spillage)         Seq. #       Lab (D)       Citent Sample Number       Commerts (e.g. Sample Volume, etc)       AR         1       0.4 & T.F. & S.G. 3.L       Interneuron			ther Types	Fib	erglass [] s	Silica 🗍 N		Cadmium (	Cd) Cd Mercury (Ho	n [U Nickel (Ni) ]
Condition of Package:       Good       Damaged (no spillage)       Severa damage (spillage)         Seq. #       Lab (D)       Citent Sample Number       Commerts (e.g. Sample Volume, etc)       AR         1       0.4 & T.F. & S.G. 3.L       Interneuron		<u> </u>	Analysis		<u>`</u>		isance Dust 🗌 Ri	espirable Dust	Ar (Spanif )	Zinc (Zn)
1       0467 E AS (3.3)       Biometrics (e.g. Sample are, Sample volume, etc.)       AR         2       3       37       Biometrics       Biometrics       AR         4       36       Biometrics       Biometrics       Biometrics       AR         5       36       Biometrics       Biome		Co	ndition of s	Packaga						
1       0467 E AS (3.3)       Biometrics (e.g. Sample are, Sample volume, etc.)       AR         2       3       37       Biometrics       Biometrics       AR         4       36       Biometrics       Biometrics       Biometrics       AR         5       36       Biometrics       Biome		Sea	# 1-64	denage: [		Damaged (n	o spillage)	Pro dama (		
2       0467FASR, 31       Account of all particular all parts       AR         3       37       1105       AR         4       36       Bancom       1117       1201         5       40       Bancom       1117       1205       *         6       40       Bancom       1117       1205       *         10       10       10.017       1205       *       *         11       12       13       *       *       *       *         11       12       13       *       *       *       *       *         12       13       *       14       *		1		J			Commonte (	cre daniage (spillage)		
3       37       1111111       1105         4       36       Banacom       1117       1201         5       40       Banacom       1117       1205       *         6       40       Banacom       1117       1205       *         6       40       Banacom       1117       1205       *         6       40       Banacom       1117       1205       *         7       8       9       100       1117       1205       *         11       12       130       100       111       *       1205         11       12       130       1117       *       1205       *       *         11       12       130       111       *					046TF	ASB 31	<u> </u>	Sample are, Sample	Volume, etc)	
36       Bartisch Mann Unit # 1201         4       34       Bartisch Unit # 1201         5       40       Bartisch Unit # 1205         6       40       Bartisch Unit # 1205         7       100       Bartisch Unit # 1205         10       Bartisch Unit # 1205       1005         11       12       100       Bartisch Unit # 1205         13       14       15       100       Bartisch Unit # 1205         14       15       Print Below       Sin Below       Company       Date       Tare         National Below       Sin Below       Company       Date       Tare       2013       2014         14       15       Print Below       Sin Below       Company       Date       Tare         National Below       Sin Below       Company       Date       Tare       2014       2014         14       15       Print Below       Sin Below       Company       Date       Tare         National Below       Sin Below       Company       Date       Tare         Received by       Instructions: Unless requested in writing, all samples will be disposed of two (2) weeks after analysis.       Special Instructions: Unless requested in writing, all samples will be disposed of two (2) weeks								$22^{n}$ $1/d$		A/R
31       1000000000000000000000000000000000000							Mia	16 Renner U.	4	
3       40       Banacan       Unit # 1205       1         7       10       10       10       10       10         10       11       12       10       11       12         13       14       12       13       14       15       16         Print Below       Stan Below       Company       Date       Tate         14       15       14       15       11       16       11       16       11       16       11       16       11       16       11       16       11       16       16       11       16       16       16       16       16       17       16 <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>em 11</td><td>IT # 1201</td><td></td></td<>								em 11	IT # 1201	
6       7       10       100       100         10       10       10       10       10       10         11       12       13       14       15       10       10         11       12       13       14       15       10       10       10         11       12       13       14       15       10       10       10       10       10       10       10       10       10       10       10       10       11       12       13       11       12       13       11       12       13       11       12       13       11       12       13       11       12       13       14       15       11       10		·					61615	2 Room Ilu	±	
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9       10         11       12         13       14         15       14         16       15         Print Below       Sign Below         Company       Date         Ture       10         14       15         Print Below       Sign Below         Company       Date         Ture       State         Received by       Made         Made       Made         Analyzed by       Results Faxed by         Special Instructions: Unless requested in writing, all samples will be disposed of two (2) weeks after analysis.		7						010	1205	
10       11         12       13         13       14         15       15         Main Below       Conpany         Date       Time         Received by       Main Missie         Analyzed by       Main Missie         Results Faxed by       Main Missie         Special Instructions: Unless requested in writing, all samples will be disposed of two (2) weeks after analysis.		8								<u>:</u>
11       12         13       14         15       14         15       16         16       17         17       16         18       16         19       17         19       16         11       16         11       17		9							· · · · · · · · · · · · · · · · · · ·	
12       13         14       15         Drint Below         Company         Date       Time         Received by       Time         Analyzed by       Time         Analyzed by       Time         Results Faxed by       Times         Special Instructions: Unless requested in writing, all samples will be disposed of two (2) weeks after analysis.		10					·			
13       14         14       15         Print Below         Sign Below         Company         Date         Time         Relinquished by         Market Mills         Analyzed by         Market Mills         Analyzed by         Market Mills         Analyzed by         Analyzed by         Market Mills         Results Called by         Results Faxed by         Special Instructions: Unless requested in writing, all samples will be disposed of two (2) weeks after analysis.	Ň	11	[				······		<u></u>	
14       15         Print Below       Sign Below         Company       Date         Tune       2/12/08         Received by       Killer         Analyzed by       Killer         Results Called by       Killer         Special Instructions: Unless requested in writing, all samples will be disposed of two (2) weeks after analysis.		12								
15         Print Below       Sign Below         Company       Date         Time         Relinquished by       Tomany         Received by       Martin Missine         Analyzed by       Results Called by         Results Called by       Results Faxed by         Special Instructions: Unless requested in writing, all samples will be disposed of two (2) weeks after analysis.		13								
15         Print Below       Sign Below         Company       Date         Time         Relinquished by       Tomany         Received by       Martin Missine         Analyzed by       Results Called by         Results Called by       Results Faxed by         Special Instructions: Unless requested in writing, all samples will be disposed of two (2) weeks after analysis.		14								
Print Below       Sign Below       Company       Date       Time         Sampled by       Terry Eyr e       Time       SHA       21/12/08       10:30       A.A         Received by       Time       SHA       21/12/08       10:30       A.A         Received by       Time       SHA       21/12/08       10:30       A.A         Received by       Time       SHA       21/12/08       10:30       A.A         Analyzed by       Terry Eyr e       Time       M/L       21/12/08       11:10       A.A         Results Called by       Terry Eyr e       Time       M/L       21/12/08       11:10       A.A         Results Faxed by       Terry Eyr e       Time       M/L       21/12/08       11:10       A.A         Special Instructions: Unless requested in writing, all samples will be disposed of two (2) weeks after analysis.       M/L       4.4       4.4		15		<u> </u>						
Sampled by       Torry Fur       Company       Date       Time         Relinquished by       Torry Fur       SHA       2/12/08       10.30       8.4         Received by       Maduri Mishie       SHA       2/12/08       10.30       8.4         Analyzed by       Maduri Mishie       SHA       2/12/08       11.10       10.4         Results Called by       Maduri Mishie       Maduri Mishie       Maduri Mishie       11.10       11.10         Results Faxed by       Maduri Mishie       Maduri Mishie       Maduri Mishie       11.10       11.10       11.10         Special Instructions: Unless requested in writing, all samples will be disposed of two (2) weeks after analysis.       11.10       11.10       11.10       11.10         Mishie       Maduri Mishie       Maduri Mishie       11.10       11.10       11.10       11.10         Results Faxed by       Maduri Mishie       Maduri Mishie       11.10 <td< td=""><td></td><td>L</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>		L								
Company       Date       Time         Relinquished by       Tany Fund       SALA       2/12/08       10.30       A.A         Received by       Klandrid furshie       SALA       2/12/08       10.30       A.A         Analyzed by       Results Called by       Results Faxed by       M/L       2/12/08       11.10       A.A         Results Faxed by       Special Instructions: Unless requested in writing, all samples will be disposed of two (2) weeks after analysis.       Special functions: Unless requested in writing, all samples will be disposed of two (2) weeks after analysis.       Special functions: Unless requested in writing, all samples will be disposed of two (2) weeks after analysis.       Special functions: Unless functions: Unless functions: Unless functions for the output of two (2) weeks after analysis.       Special functions for the output of two (2) weeks after analysis.				Print Bel	<u></u>	Sign Below				
Received by     Klandri Allshie     SHA     21/2/08     III:30     A.A.       Analyzed by     Inangeneric     Inangener					Eure	- Court	<u>.</u>	Company	Det-	
Received by     Results Called by     Results Called by     Results Called by     Results Faxed by       Special Instructions: Unless requested in writing, all samples will be disposed of two (2) weeks after analysis.     Summer State	· ·	1		TERRY	FULE					
Results Called by     Interference     Interference     Interference       Results Faxed by     Mild 108     9:38     9:38       Special Instructions: Unless requested in writing, all samples will be disposed of two (2) weeks after analysis.     Interference		Re	ceived by	Klandy	Austrie	1				08 10.30 A.L
Results Faxed by     MIRIOR     9:38       Special Instructions: Unless requested in writing, all samples will be disposed of two (2) weeks after analysis.     Image: Comparison of the comparison of two (2) weeks after analysis.				A. Pap	adares	W.		MIT	2/2/	8/1:10 A.M
Results Faxed by     With 108     9:38       Special Instructions: Unless requested in writing, all samples will be disposed of two (2) weeks after analysis.     Image: Comparison of two (2) weeks after analysis.		Results	Called by	11			duelf_	Ma	110/00	11:10
	l	Results	Faxed by							9:38p.m
	. [									
	<u>;</u> 1	-rovial I	nouruction	ns: Unless	requested in	writing, all s	amples will the			
	-			56. JA	( AGU	TS. TB.	Han nem	osed of two (2) weeks	after analysis	
	W. Star	C. C							a kit	
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					<b>学习</b> 不同的				All and a second se	
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NVL Laboratories, Inc.		qajvix
4708 Aurora Ave. N., Seattle, WA 98103	For the scope of accreditatio	n under NVLAP Lab Code 10206
Tel: 206.547.0100, Fax: 206.634.1936 Bulk A	Asbestos Fibers Analysis	
By	y Polarized Light Microscopy	
Client: Seattle Housing Authority		Datab #, 2004002 A
Address: 7500 Detroit Ave. SW	м.	Batch #: 2801883.0 Client Project #: 7467
Seattle, WA 98126		Date Received: 02/12/200
		Samples Received:
Attention: Ms. Lorrie Harris Project Location: Ross Manor Ceilings		Samples Analyzed:
Sector Localion, Needo Marior Ocininga		Method: EPA/600R-93/11
Lab ID: 28011032 Client Sample #: 046TF	FASB 36	
Location: Ross Manor Ceilings		
Layer 1 of 1 Description: Off-white lumpy foamy m		· ·
Non-Fibrous Mater	rials: Other Fibrous Materials:%	Asbestos Type: <sup>4</sup>
Calcareous particles, Synthetic foam, P	Paint None Detected ND	None Detected N
Lab ID: 28011033 Client Sample #: 046TF Location: Ross Manor Ceilings	ASB 37	
Layer 1 of 1 Description: Off-white lumpy foamy m	naterial with paint	
Non-Fibrous Mater		Ashactas Turner
Calcareous particles, Synthetic foam, P		Asbestos Type: <sup>o</sup> None Detected N
Lab ID: 28011034 Client Sample #: 046TF		None Detected N
Location: Ross Manor Ceilings		<b>F</b> -
-ayer 1 of 1 Description: Off-white lumpy foamy m		
Non-Fibrous Mater		Asbestos Type: 9
Calcareous particles, Synthetic for	oam None Detected ND	None Detected N
Lab ID: 28011035 Client Sample #: 046TF Location: Ross Manor Ceilings	ASB 39	
ayer 1 of 1 Description: Off-white lumpy foamy m	naterial with paint	
Non-Fibrous Materi	•	Asbestos Type: %
Calcareous particles, Synthetic foam, P		None Detected N
Lab ID: 28011036 Client Sample #: 046TF Location: Ross Manor Ceilings	·····	
ayer 1 of 1 Description: Off-white lumpy foamy ma	paterial with paint	
Non-Fibrous Materi		<b>.</b>
Calcareous particles, Synthetic foam, Pa		Asbestos Type: %
	aint None Detected ND	None Detected NI
Sampled by: Client		
Analyzed by: Alla Prysyazhnyuk	Data: 02/12/2009	RAFT
ote: If samples are not homogeneous, then subsamples of the con 03/116 Method with the following measurement uncertainties for the 50%). This report relates only to the items tested. If sample was bethodology and acuity of the sample collector. This report shall not b of be used to claim product endorsement by NVLAP or any other age	s not collected by NVL personnel, then the accur be reproduced except in full without writes accur	1%=5-15%, 20%=10-30%, 50%=40

Page 1 of 1

2/9

Fax Pro Pro	x: 206 oject M oject L <u>J Ast</u> <u>MeTAI</u> J Tota J Tota J TCL Othe of Ar	634.1936 Client S Street 7 S Manager M ocation — Phone: (2 pestos Air pestos Bull d/Fungus S M Metals P er Types nalysis	1.888.1 <u>Seattle I</u> <u>500 De</u> eattle, <u>15. Lorri Ra 206) 710 0 PC <u>206) 710</u> <u>10 PC</u> <u>206) 710</u> <u>10 PC</u> <u>10 P</u></u>	6-1310 Fa M (NIOSH 740 M (EPA/600/R- M (EPA/60)	5.5227) ority / / / 	CI TL TL 67-4350 (NIOSH 7402) [] PLM (EPA Point Co Rotometer Calibra [] Soil r [] Paint Chips   ea) [] Paint Chips   sance Dust [] Resp spillage) [] Severa Comments (e.g Sa	L Batch Number . ient Job Number . Total Samples . irn Around Time . Email address . Cell: (206) 255. TEM (AHERA)		rs 2 D; thrs 2x3 D; thrs 2x3 D; thrs 4 D; or TAT less t; thousing o el II) C TEM BL Ium (Cr Pb)	76 ays 56 ays 6-1 ays han 24 Hrs
Pro	Ast Ast METAI Totz TCL Of An Condit eq. # 1 2	Street 7 S Manager M ocation Phone: (2 pestos Air pestos Bulk d/Fungus S M Metals P er Types nalysis	500 De eattle, Is. Lorr 206) 710 206) 710 206 206 206 206 206 206 206 206 206 20	etroit Ave. SW WA 98126 ie Harris <i>s.s. Mamure</i> 6-1310 Fa M (NIOSH 740 M (EPA/600/R- M (EPA/600/R- M (EPA/600/R- M (EPA/600/R- M (EPA/600/R- M (EPA/600/R- M (PA/600/R- M (PA/	Ax: (206) 7 Ax: (206) 7 D) TEM 93/116) 1 Bulk D Bulk 1 Bulk 1 Striker rinking wate ust/wipe (An Ca Nuis Ca Nuis Ca Nuis	CI TL TL 67-4350 (NIOSH 7402) [] PLM (EPA Point Co Rotometer Calibra [] Soil r [] Paint Chips   ea) [] Paint Chips   sance Dust [] Resp spillage) [] Severa Comments (e.g Sa	Total Samples - Total Samples - Im Around Time   Email address   Cell: (206) 255- TEM (AHERA)   Unt)   PLM (EP/ Ion RCRA Metal Arsenic (A Barium (Barium (Barium ) irable Dust   Ott	J5         1-Hr       8-Hr         2-Hrs       12-+         4-Hrs       24-Hr         Please call fo         harris@seattle         -8364         TEM (EPA Lev)         A Gravimetry)         s       Ali 8         .s)       Chroma         a)       Lead (         (Cd)       Mercun         her (Specify)	rs 2 D; thrs 2x3 D; thrs 2x3 D; thrs 4 D; or TAT less t; thousing o el II) C TEM BL Ium (Cr Pb)	ays ] 5 ( ays ] 6-1 ays han 24 Hrs Diher JLK Diher Meta JLK Copper ( Nickel (N Zinc (Zn)
Pro	Ast Ast METAI Totz TCL Of An Condit eq. # 1 2	S Manager M ocation Phone: (2 Destos Air Destos Bull d/Fungus LS N Metals P er Types nalysis	eattle, Is. Lorri Reference 206) 710 206) 710 PC PC PC PC PC PC PC PC PC PC	WA 98126         ie Harris         is s Mange         is s Mange         ie Air         6-1310         Fa         M (NIOSH 740         M (EPA/600/R-         Id Air         Matrix         A (ppm)         Data         Yellow         A (ppl)         Data         Good       Data         Client Samp	Ax: (206) 7 20) TEM 93/116) 1 Bulk 1 Bulk ir Filter rinking wate ust/wipe (An ca Nuis amaged (no	CI TL TL 67-4350 (NIOSH 7402) [] PLM (EPA Point Co Rotometer Calibra [] Soil r [] Paint Chips   ea) [] Paint Chips   sance Dust [] Resp spillage) [] Severa Comments (e.g Sa	Total Samples - Total Samples - Im Around Time   Email address   Cell: (206) 255- TEM (AHERA)   Unt)   PLM (EP/ Ion RCRA Metal Arsenic (A Barium (Barium (Barium ) irable Dust   Ott	J5         1-Hr       8-Hr         2-Hrs       12-+         4-Hrs       24-Hr         Please call fo         harris@seattle         -8364         TEM (EPA Lev)         A Gravimetry)         s       Ali 8         .s)       Chroma         a)       Lead (         (Cd)       Mercun         her (Specify)	rs 2 D; thrs 2x3 D; thrs 2x3 D; thrs 4 D; or TAT less t; thousing o el II) C TEM BL Ium (Cr Pb)	ays ] 5 ( ays ] 6-1 ays han 24 Hrs Diher JLK Diher Meta JLK Copper ( Nickel (N Zinc (Zn)
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	1 2	Lab ID		Client Samp	le Number	Comments (e.g Sa	imple are, Sample	Volume, etc)		
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Res	sults F	axed by							,	
					l	samples will be dispo				

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4708 Auror Tel: 206.54 Client Address	aboratories, Inc. a Ave. N., Seattle, WA 98103 47.0100, Fax: 206.634.1936 www.nvilabs.com Seattle Housing Authority 57500 Detroit Ave. SW Seattle, WA 98126 Ms. Lorrie Harris		For the scope of accreditation stos Fibers Analysis zed Light Microscopy	n under NVLAP Lab Code 102063- Batch #: 2801882.00
Address Attention	: 7500 Detroit Ave. SW Seattle, WA 98126			Batch #• 2804882 00
Address Attention	: 7500 Detroit Ave. SW Seattle, WA 98126			Batch # 2801882 00
Attention	Seattle, WA 98126			$\mu \alpha \omega n \pi_{s} F \phi V   0 0 L_{s} V V$
				Client Project #: # 74676
	: Ms. Lorrie Harris			Date Received: 02/12/2008
				Samples Received: 15
	: Ross Manor			Samples Analyzed: 15 Method: EPA/600R-93/116
	ceilings			
_ab ID: 28011 _ocation: Ross		#: 046TFASB2	1	
ayer 1 of 1	Description: Off-white lum	py foamy material	with paint	
		prous Materials:	Other Fibrous Materials;%	Asbestos Type: %
	Fine particles, Binder/Filler,	Synthetic foam	None Detected ND	None Detected NE
		Paint		
.ab ID: 28011 .ocation: Ross		#: 046TFASB2	2	
ayer 1 of <b>1</b>	Description: Off-white lum	py foamy material	with paint	
	Non-Fib	prous Materials:	Other Fibrous Materials:%	Asbestos Type: %
	Fine particles, Binder/Filler,	Synthetic foam	None Detected ND	None Detected ND
		Paint		
ab ID: 28011 ocation: Ross	+ · · · · · · · · · · · · · · · · · · ·	#: 046TFASB2:	3	
ayer 1 of 1	Description: Off-white lum	oy foamy material	with paint	
	Non-Fib	rous Materials:	Other Fibrous Materials:%	Asbestos Type: %
	Fine particles, Binder/Filler,	Synthetic foam	None Detected ND	None Detected ND
	······································	Paint	· · · · · · · · · · · · · · · · · · ·	
ab ID: 28011		#: 046TFASB24	4	
ocation: Ross				
ayer 1 of 1	Description: Off-white lump	-	•	
		rous Materials:	Other Fibrous Materials:%	Asbestos Type: %
	Fine particles, Binder/Filler,	•	None Detected ND	None Detected ND
ab ID: 280110	24 Client Comple	Paint		
ocation: Ross I		#: 046TFASB25	>	· ·
Sampled b	y: Client			
Analyzed by	y: Nadezhda Prysyazhnyuk	Date	e: 02/13/2008D	RAFT
te: If samples are	not homogeneous, then subsamp	les of the components	were analyzed separately. All bulk san	
3/116 Method with	the following measurement uncer	tainties for the reporte	ed % Asbestos (1%=0-3%, 5%=1-9%, 1 lected by NVL personnel, then the accu	0%=5-15%, 20%=10-30%, 50%=40

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NVLI	aboratories, Inc.			nvlaq
4708 Aur	ora Ave. N., Seattle, WA 98103		For the scope of accreditation	under NVLAP Lab Code 102063-
Tel: 206.	547.0100, Fax: 206.634.1936 www.nvilabs.com	Bulk Asbes	tos Fibers Analysis	
<u> </u>			ed Light Microscopy	
Clie	nt: Seattle Housing Authority			Batch #: 2801882.00
Addres	s: 7500 Detroit Ave. SW			Client Project #: # 74676
	Seattle, WA 98126			Date Received: 02/12/2008
Attontio	n: Ms. Lorrie Harris			Samples Received: 18
	n: Ross Manor			Samples Analyzed: 15
-	ceilings			Method: EPA/600R-93/116
Layer 1 of 1	Description: Off-white lump	y foamy material v	vith paint	
	Non-Fibr	ous Materials:	Other Fibrous Materials:%	Asbestos Type: %
	Fine particles, Binder/Filler, S	ynthetic foam	Cellulose <1%	None Detected NI
		Paint		
Lab ID: 2801 Location: Ros		#: 046TFASB26		
Layer 1 of 1	Description: Off-white lumpy	/ foamv material v	vith paint	
		ous Materials:	Other Fibrous Materials:%	Asbestos Type: %
	Fine particles, Binder/Filler, S	ynthetic foam	Cellulose <1%	None Detected NE
		Paint		
Lab ID: 2801 Location: Ros		: 046TFASB27		
Layer 1 of 1	Description: Off-white lumpy	foamv material w	vith paint	
· · ·		ous Materials:	Other Fibrous Materials:%	Asbestos Type: %
	Fine particles, Binder/Filler, S	ynthetic foam	None Detected ND	None Detected NE
		Paint		
Lab ID: 2801 Location: Ros		: 046TFASB28		
Layer 1 of 1	Description: Off-white lumpy	foamv material w	ith paint	
		us Materials:	Other Fibrous Materials:%	Asbestos Type: %
	Fine particles, Binder/Filler, Sy	/nthetic foam	None Detected ND	None Detected ND
				· · · · · ·
		Paint		

Sampled by: Client

Analyzed by: Nadezhda Prysyazhnyuk

Date: 02/13/2008

DRAFT

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.

4708 Aurora Ave Tel: 206.547.010 www Client: Sea Address: 750 Sea Attention: Ms. Project Location: Ros ceili Layer 1 of 1 Des Fine Lab ID: 28011026 Location: Ross Mand Layer 1 of 1 Des Fine Lab ID: 28011027 Location: Ross Mand	ttle Housing Authority 0 Detroit Ave. SW ttle, WA 98126 Lorrie Harris s Manor ngs scription: Off-white lumpy foa Non-Fibrous particles, Binder/Filler, Synth Client Sample #: 04 Non-Fibrous I particles, Binder/Filler, Synth Client Sample #: 04	By Polarize amy material Materials: tetic foam <b>46TFASB30</b> amy material Materials: etic foam	tos Fibers Ana ed Light Microscopy Other Fibrous Mat None Detecte	erials:% erials:%	Batch #: 2801882 Client Project #: # 74 Date Received: 02/12/2 Samples Received: Samples Analyzed Method: EPA/600R-93/ Asbestos Type None Detected	2.00 676 2008 1: 15 1: 15 1: 15
Client: Sea Address: 750 Sea Attention: Ms. Project Location: Ros ceili Layer 1 of 1 Des Lab ID: 28011026 Location: Ross Mand Layer 1 of 1 Des Fine Lab ID: 28011027 Location: Ross Mand	w.nvllabs.com DU ttle Housing Authority 0 Detroit Ave. SW 0 Detroi	By Polarize amy material Materials: tetic foam <b>46TFASB30</b> amy material Materials: etic foam	ed Light Microscopy Other Fibrous Mat None Detecte Other Fibrous Mat	erials:% d ND erials:%	Client Project #: # 74 Date Received: 02/12/2 Samples Received Samples Analyzed Method: EPA/600R-93/ Asbestos Type None Detected Asbestos Type	1676 2008 1: 18 1: 18 71.16
Address: 750 Sea Attention: Ms. Project Location: Ros ceili Layer 1 of 1 Des Lab ID: 28011026 Location: Ross Mand Layer 1 of 1 Des Fine Lab ID: 28011027 Location: Ross Mand	ttle Housing Authority 0 Detroit Ave. SW ttle, WA 98126 Lorrie Harris s Manor ngs scription: Off-white lumpy foa Non-Fibrous particles, Binder/Filler, Synth Client Sample #: 04 Non-Fibrous I particles, Binder/Filler, Synth Client Sample #: 04	By Polarize amy material Materials: tetic foam <b>46TFASB30</b> amy material Materials: etic foam	ed Light Microscopy Other Fibrous Mat None Detecte Other Fibrous Mat	erials:% d ND erials:%	Client Project #: # 74 Date Received: 02/12/2 Samples Received Samples Analyzed Method: EPA/600R-93/ Asbestos Type None Detected Asbestos Type	1676 2008 1: 11 1: 15 71.16
Address: 750 Sea Attention: Ms. Project Location: Ros ceili Layer 1 of 1 Des Lab ID: 28011026 Location: Ross Mand Layer 1 of 1 Des Fine Lab ID: 28011027 Location: Ross Mand	0 Detroit Ave. SW tttle, WA 98126 Lorrie Harris s Manor ngs scription: Off-white lumpy for Non-Fibrous particles, Binder/Filler, Synth Client Sample #: 04 particles, Binder/Filler, Synth Client Sample #: 04	Materials: letic foam 46TFASB30 Imy material Materials: etic foam	None Detecte Other Fibrous Mat	erials:%	Client Project #: # 74 Date Received: 02/12/2 Samples Received Samples Analyzed Method: EPA/600R-93/ Asbestos Type None Detected Asbestos Type	1676 2008 1: 18 1: 18 71.16
Sea Attention: Ms. Project Location: Ros ceili Layer 1 of 1 Des Fine Lab ID: 28011026 Location: Ross Mand Layer 1 of 1 Des Fine Lab ID: 28011027 Location: Ross Mand	ttle, WA 98126 Lorrie Harris s Manor ngs scription: Off-white lumpy foa Non-Fibrous particles, Binder/Filler, Synth Client Sample #: 04 Non-Fibrous l particles, Binder/Filler, Synth Client Sample #: 04	Materials: letic foam 46TFASB30 Imy material Materials: etic foam	None Detecte Other Fibrous Mat	erials:%	Date Received: 02/12/2 Samples Received Samples Analyzed Method: EPA/600R-93/ Asbestos Type None Detected	2008 1: 18 1: 18 71:16
Attention: Ms. Project Location: Ros ceili Layer 1 of 1 Des Fine Lab ID: 28011026 Location: Ross Mand Layer 1 of 1 Des Fine Lab ID: 28011027 Location: Ross Mand	Lorrie Harris s Manor ngs scription: Off-white lumpy foa Non-Fibrous particles, Binder/Filler, Synth Client Sample #: 04 or scription: Off-white lumpy foa Non-Fibrous I particles, Binder/Filler, Synth Client Sample #: 04	Materials: letic foam 46TFASB30 Imy material Materials: etic foam	None Detecte Other Fibrous Mat	erials:%	Samples Received Samples Analyzed Method: EPA/600R-93/ Asbestos Type None Detected	1: 18 1: 18
Project Location: Ros ceili Layer 1 of 1 Des Fine Lab ID: 28011026 Location: Ross Mand Layer 1 of 1 Des Fine Lab ID: 28011027 Location: Ross Mand	s Manor ngs scription: Off-white lumpy foa Non-Fibrous particles, Binder/Filler, Synth Client Sample #: 04 or scription: Off-white lumpy foa Non-Fibrous I particles, Binder/Filler, Synth Client Sample #: 04	Materials: letic foam 46TFASB30 Imy material Materials: etic foam	None Detecte Other Fibrous Mat	erials:%	Samples Analyzed Method: EPA/600R-93/ Asbestos Type None Detected	1: 15 11:16
ceili Layer 1 of 1 Des Fine Lab ID: 28011026 Location: Ross Mand Layer 1 of 1 Des Fine Lab ID: 28011027 Location: Ross Mand	ngs scription: Off-white lumpy foa Non-Fibrous particles, Binder/Filler, Synth Client Sample #: 04 or scription: Off-white lumpy foa Non-Fibrous I particles, Binder/Filler, Synth Client Sample #: 04	Materials: letic foam 46TFASB30 Imy material Materials: etic foam	None Detecte Other Fibrous Mat	erials:%	Method: EPA/600R-93/ Asbestos Type None Detected Asbestos Type	/1.16  ə: %
Layer 1 of 1 Des Fine Lab ID: 28011026 Location: Ross Mand Layer 1 of 1 Des Fine Lab ID: 28011027 Location: Ross Mand	scription: Off-white lumpy foa Non-Fibrous particles, Binder/Filler, Synth Client Sample #: 04 or scription: Off-white lumpy foa Non-Fibrous I particles, Binder/Filler, Synth Client Sample #: 04	Materials: letic foam 46TFASB30 Imy material Materials: etic foam	None Detecte Other Fibrous Mat	erials:%	None Detected	
Fine Lab ID: 28011026 Location: Ross Mand Layer 1 of 1 Des Fine Lab ID: 28011027 Location: Ross Mand	Non-Fibrous particles, Binder/Filler, Synth Client Sample #: 04 or cription: Off-white lumpy foa Non-Fibrous I particles, Binder/Filler, Synth Client Sample #: 04	Materials: letic foam 46TFASB30 Imy material Materials: etic foam	None Detecte Other Fibrous Mat	erials:%	None Detected	
Fine Lab ID: 28011026 Location: Ross Mand Layer 1 of 1 Des Fine Lab ID: 28011027 Location: Ross Mand	Non-Fibrous particles, Binder/Filler, Synth Client Sample #: 04 or cription: Off-white lumpy foa Non-Fibrous I particles, Binder/Filler, Synth Client Sample #: 04	Materials: letic foam 46TFASB30 Imy material Materials: etic foam	None Detecte Other Fibrous Mat	erials:%	None Detected	
Lab ID: 28011026 Location: Ross Mand Layer 1 of 1 Des Fine Lab ID: 28011027 Location: Ross Mand	Client Sample #: 0 or scription: Off-white lumpy foa Non-Fibrous I particles, Binder/Filler, Synth Client Sample #: 04	46TFASB30 my material Materials: etic foam	Other Fibrous Mat	erials:%	None Detected	
Location: Ross Mand Layer 1 of 1 Des Fine Lab ID: 28011027 Location: Ross Mand	or cription: Off-white lumpy foa Non-Fibrous l particles, Binder/Filler, Synth Client Sample #: 04	my material Materials: etic foam	Other Fibrous Mat			<u> </u>
Fine Lab ID: 28011027 Location: Ross Mano	Non-Fibrous I particles, Binder/Filler, Synth Client Sample #: 04	Materials: etic foam				
Lab ID: 28011027 Location: Ross Mand	particles, Binder/Filler, Synth Client Sample #: 04	etic foam				
Lab ID: 28011027 Location: Ross Mand	Client Sample #: 04		None Detecte			: %
Location: Ross Mand		46TEASB31		d ND	None Detected	NE
Layer 1 of 1 Des	)r				· · · · · · · · · · · · · · · · · · ·	
	cription: Off-white lumpy foa	my material w	with paint			
	Non-Fibrous		Other Fibrous Mat	erials:%	Asbestos Type	: %
Fine	particles, Binder/Filler, Synth	etic foam	None Detecte	d ND	None Detected	NE
		Paint				
Lab ID: 28011028 Location: Ross Mano	Client Sample #: 04	6TFASB32			·	
_ayer 1 of 1 Des	cription: Off-white lumpy foal	my material w	vith paint			
	Non-Fibrous N	Aaterials:	Other Fibrous Mate	erials:%	Asbestos Type	: %
Fine	particles, Binder/Filler, Synthe	etic foam	None Detected	d ND	None Detected	ND
<u></u>		Paint	· · · · · · · · · · · · · · · · · · ·			
Lab ID: 28011029 _ocation: Ross Mano	Client Sample #: 04	6TFASB33				
ayer 1 of 1 Desi	cription: Off-white lumpy foar	-	vith paint			
	Non-Fibrous M		Other Fibrous Mate	rials:%	Asbestos Type:	: %
Fine	particles, Binder/Filler, Synthe	etic foam	None Detected	I ND	None Detected	ND
		Paint				
Sampled by: Cli	ent					
Analyzed by: Na	dezhda Prysyazhnyuk	Date: (	02/13/2008	D	RAFT	
ote: If samples are not ho	mogeneous, then subsamples of the llowing measurement uncertainties	e components w	vere analyzed senarately Al	hulkeama		

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NVL Laboratories, Inc.				qalvn
4708 Aurora Ave. N., Seattle, WA 98103 Tel: 206.547.0100, Fax: 206.634.193 www.nvilabs.com	6	For the scope of accree		under NVLAP Lab Code 102063-0
	By Polarize	ed Light Microscopy		······································
Client: Seattle Housing Authority Address: 7500 Detroit Ave. SW Seattle, WA 98126 Attention: Ms. Lorrie Harris	/			Batch #: 2801882.00 Client Project #: # 74676 Date Received: 02/12/2008 Samples Received: 15
Project Location: Ross Manor ceilings				Samples Analyzed: 15 Method: EPA/600R-93/116
Lab ID: 28011030 Client Samp Location: Ross Manor	le #: 046TFASB34			
Layer 1 of 1 Description: Off-white lu	mpy foamy material v	vith paint		
Non-	Fibrous Materials:	Other Fibrous Materia	ls:%	Asbestos Type: %
Fine particles, Binder/Fille	er, Synthetic foam Paint	None Detected	ND	None Detected ND
Lab ID: 28011031 Client Samp Location: Ross Manor	le #: 046TFASB35			
Layer 1 of 1 Description: Off-white lu	mpy foamy material v	vith paint		
Non-I	Fibrous Materials:	Other Fibrous Materia	ls:%	Asbestos Type: %
Fine particles, Binder/Fille	r, Synthetic foam Paint	None Detected	ND	None Detected ND

. 0

Sampled by: Client

Analyzed by: Nadezhda Prysyazhnyuk

Date: 02/13/2008



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.

Feb-1	4-2008			VVL Labs		41936						3/8
	161. 200	08 Auron 6.547.010	a Ave N, S 0 Emer	ratories, Seattle, WA 9 g.Cell: 206.91 .NVL.LABS (6	8103	CHAII SA	N of CUS MPLE L	STODY OG			ID	•••
		Client	<u>Seattle</u>	Housing Aut etroit Ave. St	thority	·	NVL Ba	atch Number			30.00	
		oneet	Seattle	WA 98126	<u>w</u>		Client	Job Number	746 5	71		_
	Project	Manager				<u> </u>	To	tal Samples	5	10		-
	Project (	ocation		Ross M	ALOD		^ Turn A	round Time	] 1-Hr Пант			-
					1 WGS		••• •••		4-Hrs 24-Hrs	」と30 日本の	ays 6-10 Day	1
	, '	Phone:	(206) 71	6-1310 p	ax: (206) 7	767 (050	, En	ail address <u>lha</u>	Please call for T arris@seattlehc	AT less	than 24 Hrs	
•		bestos Al		M (NIOSH 74				🖳 (206) 255-8	364		<u></u>	-
-		bestos Bu	<u>ılk X</u> PL	M (EPA/600/F		M (NIOSH 74)	D2) [] TEM	(AHERA)	EM (EPA Level	D D	Other	1
		Id/Fungu	5 1□ Мо	ld Air 🗌 Mo			Point Count)	PLM (EPA	EM (EPA Level   Gravimetry)	TEM B		1
	META	LS	Det. L			Rotometer	Calibration					
		al Metals .P	FA		Air Filter Dünking wate	Soil		RCRA Metals	Chromiu	~ m.1	Other Metals	 
		<u> </u>			Dust/wipe (Ar	rea) 🗌 Pain	t Chips in %	□ Arsenic (As) □ Barium (Ba)	Lead (Pb		Copper (Cu)	
	Othe	er Types	G Fibe		lion []			LI Cadmium (C	d) 🗌 Mercury (	Hg)	Nickel (Ni)	
		nalysis				sance Dust	LI Respirable	e Dust 🗌 Othe	r (Specify)	<u></u>	Zinc (Zn)	
	Condi	tion of Pa	ckage:	Good [][	Damaged (no	Spillage)		nage (spillage)				
		Lab ID		Client Sam	ple Number	Communit	J Severe dan	age (spillage)				
	1	<u> </u>		046TFA	50 1/2		e.g Sample	are, Sample V	olume, etc)		A/R	
	2				17		1 ACLIST	com				
	3				18	605	<u>LIVINO</u>	6 Room				
	4					605	BODR	10 m				
	5				20	705	LIVIA	6 Rach	~7		Q-	
	6					705	Bene	eon			*	
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	8											
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·	San	npled by	Terry F		Sign Below	Vano		Company	Dat			
· -	Relinqui	shed by	Tan	Kark				SHA	10/	105	<u>Тіте</u> 9:30 л. н.	
. J.,	Rece	eived by	Coller	Hall.	10/00			SAA	2/1	1.0	10:25 A.N	_
	Anal	yzed by	a. key	synalisa	HED (Chill	Malle	~	M		100	10.25 1.1	۲.
	Results C	alled by		1	nin	Malle	f-	m	211	2102	4:40 p.m.	
1	Results Fa									1-0	ing.m.	
S	pecial In	struction	IS: Unles	s requested in	Witing, all (	Samples will		f two (2) weeks				
				USA AX	alesa	samples will i	De disposed o	f two (2) weeks	after analysis.			
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NVL Laboratories, Inc.				nvlap
4708 Aurora Ave. N., Seattle, WA 98103		For the scope of accr	editation	under NVLAP Lab Code 102063
Tel: 206.547.0100, Fax: 206.634.1936 www.nvllabs.com BU	lk Asbes	stos Fibers Analy	sis	
· ·		ed Light Microscopy		·····
Client: Seattle Housing Authority				Batch #: 2801830.0
Address: 7500 Detroit Ave. SW		<i>י</i> .		Client Project #: 7467
Seattle, WA 98126				Date Received: 02/11/200
Attention: Ms. Lorrie Harris				Samples Received:
roject Location: Ross Manor Ceilings				Samples Analyzed: ! Method: EPA/600R-93/116
ab ID: 28010753 Client Sample #: (	46TFASB 1	6		
ocation: Ross Manor Ceilings				
ayer 1 of 1 Description: Off-white lumpy fo	amy material	with paint		
Non-Fibrous	Materials:	Other Fibrous Materi	als:%	Asbestos Type: %
Calcareous particles, Paint, Synt	hetic foam	None Detected	ND	None Detected N
ab ID: 28010754 Client Sample #: 0	46TFASB 1	7		
ocation: Ross Manor Ceilings				
ayer 1 of 1 Description: Off-white lumpy for	•	with paint		
Non-Fibrous		Other Fibrous Materi	als:%	Asbestos Type: %
Calcareous particles, Paint, Synt	hetic foam	Cellulose	1%	None Detected N
ab ID: 28010755 Client Sample #: 0 ocation: Ross Manor Ceilings	46TFASB 1	8		<b>4</b> -
ayer 1 of 1 Description: Off-white lumpy for	amy material	with paint		
Non-Fibrous	Materials:	Other Fibrous Materi	als:%	Asbestos Type: %
Calcareous particles, Paint, Synth	netic foam	Cellulose	<1%	None Detected N
ab ID: 28010756 Client Sample #: 0 ocation: Ross Manor Ceilings	46TFASB 1	9		
ayer 1 of 1 Description: Off-white lumpy for	amy material	with paint		
Non-Fibrous	Materials:	Other Fibrous Materia	als:%	Asbestos Type: %
Calcareous particles, Paint, Synt	netic foam	None Detected	ND	None Detected N
ab ID: 28010757 Client Sample #: 0 ocation: Ross Manor Ceilings	46TFASB 2	0		
ayer 1 of 1 Description: Off-white lumpy for	amy material	with paint		
Non-Fibrous	Materials:	Other Fibrous Materia	als:%	Asbestos Type: %
Calcareous particles, Paint, Synth	netic foam	None Detected	ND	None Detected N
Sampled by: Client				
Analyzed by: Alla Prysyazhnyuk	Date	2: 02/12/2008	D	RAFT
ote: If samples are not homogeneous, then subsamples of	the components	s were analyzed separately. All t	ulk sam	ples are analyzed using EPA 600/R
	e for the renort	ed % Ashestos (1%=0-3% 5%=	1.0% 1/	1%-5.15% 20%-10 20% 50%-40
3/116 Method with the following measurement uncertainti 0%). This report relates only to the items tested. If san ethodology and acuity of the sample collector. This report s	nole was not col	lected by NVL personnel then t	he accu	racy of the results is limited by the

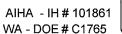
### AA PAINT CHIP SAMPLE INVENTORY

PBS Sample #	Paint Color / Component or Substrate	Sample Location	<u>mg/kg</u>	<u>% Lead</u>	<u>Lab</u>
40654.023 -L01	White/Cement Masonry Unit/Wall	8th Floor Stairwell	<42.0	<0.0042	NVL
40654.023 -L02	Black/Brick/Wall	Elevator Machine Room, Roof	<42.0	<0.0042	NVL

### NVL Laboratories, Inc.

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

### **Analysis Report**





Total Lead (Pb)

Client: I	PBS Environmental (Seattle)	Batch #: 2706048.00
Address:	130 Nickerson St Suite 107	Matrix: Paint Chips
;	Seattle, WA 98109	Method: EPA 7000B
		Client Project #: 40654.023
Attention: I	Mr. Chuck Greeb	Date Received: 04/12/2007
Project Location:	Ross Manor	Samples Received: 2
-		Samples Analyzed: 2

Lab ID	Client Sample #	Sample Weight	RL in mg/Kg	Results in mg/Kg	Results in percent
27041995	40654.023-L01	0.2062	42.0	< 42.0	< 0.0042
27041996	40654.023-L02	0.2066	42.0	< 42.0	< 0.0042

Sampled by: Client Analyzed by: Ahmad Izzat

Date Analyzed: 04/17/2007



mg/ Kg =Milligrams per kilogram Percent = Milligrams per kilogram / 10000 Note : Method QC results are acceptable unless stated otherwise. RL = Reporting Limit '<' = Below the reporting Limit

Unless otherwise indicated, the condition of all samples was acceptable at time of receipt.



### BATCH ID 2706048.00

Project:	Ross Mano	٢		_ Project #	48654.02	3
Analysis	requested: <u>FAF</u>	)		Date:	13107	
Relinq'd	l by/Signature:	nek Arec		Date/Tim	e: 4/12/07	lyys
Received	l by/Signature:	Judge		Date/Tim	1e: 4-12.07	<u>+ 144</u>
Er Er	<b>Ilts to:</b> rian Stanford rnest Edwards regg Middaugh Iark Hiley	Chuc Danet	y Stoudt-McRae k Greeb Murphy m Mager	口 対 口 口	Harry Goren Tim Ogden Mike Smith Other	
□ 1 □ 2	AROUND TIME: Hour Hours Hours	□ 24 H □ 48 H slease email	ours	ĭ □	35 Days Other	. <u></u>
Lab #	Sample #	BULK SAM	MPLE DATA F	ORM	tion	Lab
	LO)	white [CMV]	Wall a	8th Fl. Stairwa	-1]	
	L02	White CMV   Black/ brick we	, )) .	8th Fl. Stairwe elev. mach.	Rm. , Roo f	
					endersom nor of Mr Mr Markol et Markol (Mr Hollen) at Mr Hollen at Sector and a sector	
					·····	
		-		<u></u>	<u></u>	

S:\Masters\Office\Tech Forms & Templates\Lab Chain-of-Custody.doc

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- 				
	NULE: This form is not for air MANORDate: <u>2,</u> 2	samples F -3 96. F	PAI Project # PAI Department # PAI Project Mngr Client Job #	
8	TERN AVE	*****		
Sampled by <u>Chaer</u> Analyzed by (lab name)	17 Jarrio	Method .	PANTCHIP	
Coating Coating Dust TCLP Soil Water Laboratory Results	Sample Location Description	Soil: 100ml		
257	Water: 100ml	Liquid, 1 lite	÷	
Sample ID # Sample Type Coating Dust TCLP	Sample Location Description	n		
Soil Water Laboratory Results	Required Sample Volumes: Coatings: Approx. two teaspoons Dust: One square foot of surface Water: 100ml	Soil: 100ml TCLP: Solid mate Liquid, 1 lit		
Sample ID # Sample Type Coating Dust TCLP	Sample Location Descriptio	n		
Soil Water Laboratory Results	Required Sample Volumes: Coatings: Approx. two teaspoons Dust: One square foot of surface Water: 100ml	Soil: 100ml TCLP: Solid mate Liquid, 1 li		

NOTE: ALL SECTIONS MUST BE FILLED OUT BY TECHNICIAN IN ORDER FOR DATA TO BE ACCEPTED



### PAI Batch # 96 - 0503

Client: Seattle Housing Authority Project: 1420 Western Ave. Project #: 046 Ross Manor Matrix: Paint Chips/Coating Analysis: Total Lead Date: 2/27/96

Analyst: Dianne C. Hurt

### Lead (Pb) Sample Results

PAI Lab ID	Client ID	LoD in mg/kg	mg/kg or ppm	Result in %
9602191	022396JCLB04	57	<57	< 0.0057

### QA/QC Results

9602184 Matrix Spike 109% Recovery

Method Blank <54 mg/kg

mg/kg - Milligrams per kilogram PPM - Part per million LoD - Limit of detection < - Below detection limit

330 6th Ave. N. Suite 200, Seattle, WA 98109 Phone: (206) 281-8858, Fax: (206)281-8922



### SAMPLE LOG/CHAIN OF CUSTODY

Client Com	pany Seattle H	lousing Authority			PAI Batch Number 96	- 05+3	
Client Address4500 MLK Way South		Community I.D. / P.a.	. 76244				
					Number of Sample		
RESULTS	ATTENTION TO:	Jerry - Lorri	<u>c</u>		ТҮРЕ О		
X Phone	615-353	2 - 6153	530			Paint Chips	Soil
🔀 Fax	<u> </u>	615-3537			PLM (bulk)		Air Vater
Duilding	1420 Wa	estern Ave.	$\square$		OTHER (specify)		
Address	046, Ross MAA	NOR Unit 4	P.L			ROUND TIME	
L				]	Regular F	RUSH Hours 72	<u>~</u>
Good	of Package:	pillage) 🔲 Severe dam	age (sp	illage)	PRICE PER SAM	PLE	
			1				
Seq. #	Lab ID	Sample ID	A/R	Seq. #	# Lab ID	Sample ID	A/R
Seq. # 1	Lab ID			Seq. # 11	# Lab ID	Sample ID	A/R
1	Lab ID	Sample ID 022396JCLB04		· · · ·	# Lab ID	Sample ID	A/R
1	Lab ID			11	# Lab ID	Sample ID	A/R
1 2	Lab ID			11 12	¥ Lab ID	Sample ID	A/R
1 2 3	Lab ID			11 12 13	¥ Lab ID	Sample ID	A/R
1 2 3 4	Lab ID			11 12 13 14	# Lab ID	Sample ID	A/R
1 2 3 4 5	Lab ID			11 12 13 14 15	#     Lab ID	Sample ID	A/R
1 2 3 4 5 6	Lab ID			11 12 13 14 15 16	# Lab ID	Sample ID	A/R
1 2 3 4 5 6 7	Lab ID			11 12 13 14 15 16 17	Lab ID	Sample ID	A/R

	SIGNATURE	DATE	TIME
Sampled By:	Cahase 124arris	2.23.96	2 pm
Delivered By:	Chase/Harres.	2.23 196	9:35
Received By:	Zhan Della	2/26/54	9:35 AN
Analyzed By:			
Results called in by:			
Results Faxed by:			

SPECIAL INSTRUCTIONS:		
Besults by 9:30	Am - I hursday 2/20/24	

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

This is to certify that

### **Chuck Greeb**

4 hours of refresher training as an has satisfactorily completed

## **Asbestos Building Inspector**

**亚多也凤 Title II / 40 C**扩环 763 (凤狗 C 张凤) to comply with the training requirements of

Certificate Number: 1024904

astructor

Date(s) of Training SAFETY • TRAINING • INDUSTRIAL HYGIENE

Exam Score: NA

Jan 3, 2007

Expiration Date: Jan 3, 2008

Argus Pacific, Inc. • 1900 W. Nickerson, Suite 315 • Scattle, Washington • 98119 • (206) 285.3373 • fax (206) 285.3927

EPA Provider Cert. Number: 1085

This is to certify that

### **Chuck Greeb**

4 hours of refresher training as an has satisfactorily completed

## **Asbestos Building Inspector**

**<b>USEA** Title II / 40 LFK 763 (ADERA) to comply with the training requirements of

Certificate Number: 10270074

Instructor

EPA Provider Cert, Number: 1085



Date(s) of Training Jan 2, 2008 Exam Score: NA

Expiration Date: Jan 1, 2009

Argus Pacific, Inc. • 1900) W. Nickerson, Suite 315 • Scattle, Washirgton • 98119 • (206) 285.3373 • fax (206) 285.3927

This is to certify that

### Timothy J. Ogden

4 hours of refresher training as an has satisfactorily completed

## **Asbestos Building Inspector**

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

Certificate Number: 1025141

SAFETY • TRAINING • INDUSTRIAL HYGIENE

Dan

EPA Provider Cert. Number: 1085

Date(s) of Training Jan 24, 2007 Exam Score: NA

Argus Pacific, Inc. • 1900 W. Nickerson, Suite 315 • Scattle, Washington • 98119 • (206) 285.3373 • fax (206) 285.3927

Expiration Date: Jan 24, 2008

A SAMA SA

This is to certify that

### Tim Ogden

4 hours of refresher training as an has satisfactorily completed

## **Asbestos Building Inspector**

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

Certificate Number: 1027703

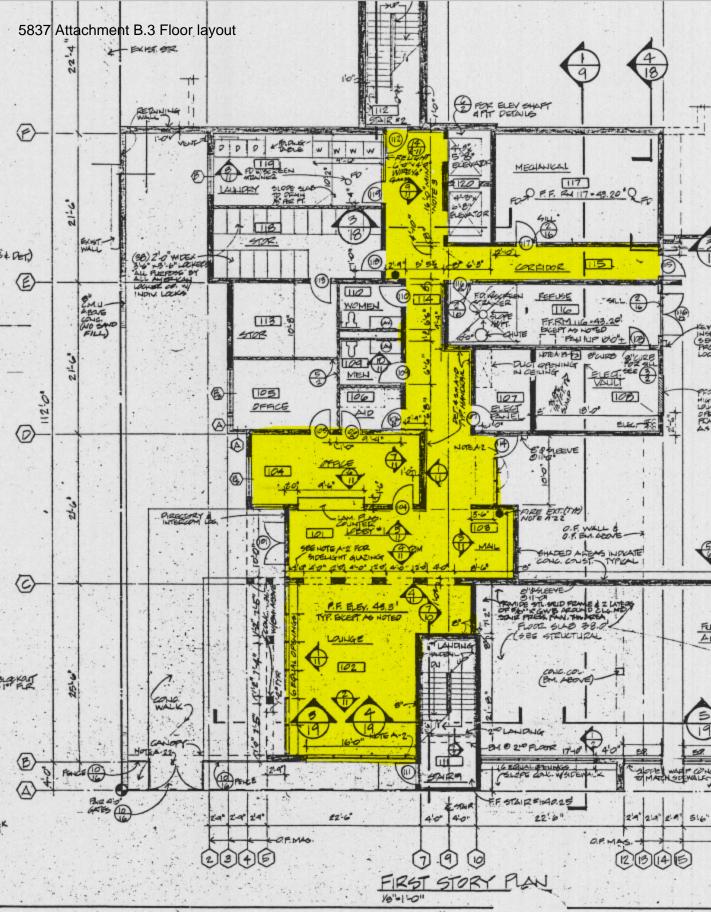
EPA Provider Cert, Number, 1085



Date(s) of Training Jan 30, 2008 Exam Score: NA

Argus Pacific, Inc. • 1900 W.; Nickerson, Suite 315 • Scattle, Washington • 98119 • (206) 285.3373 • fax (206) 285.3927

Expiration Date: Jan 29, 2009



### SEATTLE HOUSING AUTHORITY Solicitation #5837 Attachment B.4

### **REGULATORY REQUIREMENTS MATERIALS** Abatement and Demolition

### **REGULATORY REQUIREMENTS - HAZARDOUS MATERIALS**

### PART 1 - GENERAL

### 3.1 DESCRIPTION

M. Contractor must comply with all local, state, and federal laws and regulations whichever, is more stringent. This section contains some of those laws and regulations but shall not be considered inclusive of all laws and regulations governing over this work.

### 3.2 SAFETY AND HEALTH REGULATIONS

- N. Applicable Standards and Regulations
  - 1. Comply with safety and health standards for construction promulgated by the Director of the Department of Labor and Industries, as set forth in Chapter 49.17 of the Revised Code of Washington.
  - 2. Comply with safety and health regulations for construction promulgated by the Secretary of Labor Standards Act, as set forth in Title 29, CFR. Copies of these regulations may be obtained from Labor Building, 14th and Constitution Avenue NW, Washington, DC 20013.
  - 3. Comply with the provisions of the Federal Occupational Safety and Health Act, as amended.

### 3.3 INCORPORATED PUBLICATIONS

- O. General: The latest editions of the following publications are incorporated by reference and shall form part of the specifications. In case of conflict between the requirements of the publications and the specifications, the more stringent requirements shall prevail.
- P. Publishing Agencies and Publications
  - 1. American Society for Testing and Materials (ASTM)

	ASTM E-1368-00	Standard Practice for Visual Inspection of Asbestos Abatement Projects.
2.	Federal Regulations: 1910 and 1926)	Occupational Exposure to Asbestos (29 CFR Parts
	29 CFR 1910-1001	Occupational Safety and Health Act (OSHA): General Industry Standard
	29 CFR 1910-134	Respiratory Protection Standard

### SEATTLE HOUSING AUTHORITY Solicitation #5837 Attachment B.4

### **REGULATORY REQUIREMENTS MATERIALS** Abatement and Demolition

29 CFR 1926.1101	Occupational Safety and Health Act (OSHA): Construction Standards
42 CFR Part 84	Respirators
40 CFR 61.152	Environmental Protection Agency (EPA): Standard for Asbestos Waste Disposal for Demolition and Renovation Operations
Puget Sound Clean Air A	

3. Puget Sound Clean Air Agency (PSCAA)

Regulation III, Article 4 Asbestos Control Standard

4. Washington State - Washington Administrative Code (WAC)

WAC 173-303	Dangerous Waste Regulations
WAC 296-24	General Safety and Health Standard
WAC 296-62	General Occupational Health Standard
WAC 296-65-003	Definitions
WAC 296-155	Safety Standards for Construction Work

### 3.4 POSTING OF REGULATIONS

- Q. Comply with WISHA and NESHAP posting regulations.
- R. Post-certified person ingress/egress logs and copies of the asbestos workers' certification cards at the entrance of every regulated enclosure.

### 3.5 REGULATORY NOTIFICATION

S. Comply with the Department of Labor and industries and PSCAA notification and permit requirements. Copies of the notification forms and permits shall be submitted to the Construction Manager.

### 3.6 MATERIALS DISPOSAL REGULATIONS

- T. Comply with U.S. Department of Transportation, EPA, PSCAA, and corresponding waste disposal site regulations governing the transportation and disposal of asbestos and/or lead-contaminated materials.
- U. Comply with EPA, WISHA, and DOT standards for labels and signs.
- V. Original disposal receipts shall be submitted to the Construction Manager within 7 calendar Days of disposal.

### SEATTLE HOUSING AUTHORITY Solicitation #5837 Attachment B.4

### **REGULATORY REQUIREMENTS MATERIALS** Abatement and Demolition

PART 4 PRODUCTS Not used.

PART 5 EXECUTION Not used.

-

5837 Attachment C

Maintenance Wage Rate Decision	U.S. Depa	rtment of Housing and	HUD FORM 52158
	Urban Development		(06/2006)
		e of Labor Relations	
Agency Name:		LR 2000 Agency ID No:	Wage Decision Type:
Seattle Housing Authority		WA002A	Routine Maintenance
190 Queen Anne North Seattle, WA 98109			Nonroutine Maintenance
Seattle, WA 30103		Effective Date:	Expiration Date:
		January 17, 2023	December 31, 2024
The following wage rate determination is made pursu agencies), or pursuant to Section 104(b) of the Native housing agencies). The agency and its contractors in the type of work they actually perform. Melanie Hertel, SLRS HUD Labor Relations	American Housir	ng Assistance and Self-determinatio	n Act of 1996, as amended, (Indian
(Name, Title, Signature)			
WORK CLASSIFICATION(S)		HOUR	
		BASIC WAGE	FRINGE BENEFIT(S) (if any)
Elevator Mechanic Sheet Metal Worker Furnace Installer Roofer Truck Driver Laborer Asphalt Raker Carpenter Electrician Floor Coverer Glazier Painter Low Voltage Technician Plumber Tree Arborist Landscaper Fence Installer Power Equipment Operator Brick Mason		\$61.74 \$49.52 \$31.77 \$30.43 \$30.34 \$34.95 \$31.52 \$54.47 \$54.49 \$39.23 \$44.99 \$39.23 \$44.99 \$39.23 \$34.04 \$54.33 \$30.61 \$25.29 \$21.21 \$40.26 \$39.21	\$24.46 \$21.62 \$17.51 \$17.20 \$17.18 \$17.79 \$1745 \$22.07 \$18.73 \$19.99 \$18.73 \$19.99 \$18.73 \$18.04 \$22.04 \$17.24 \$15.68 \$16.01 \$19.48 \$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
			LR2000:
			-
			Log out:

L

Maintenance Wage Rate Decision	U.S. Department of Housing and		HUD FORM 52158
		an Development e of Labor Relations	(06/2006)
Agency Name:		LR 2000 Agency ID No:	Wage Decision Type:
Seattle Housing Authority		WA002A	Routine Maintenance
190 Queen Anne North			Nonroutine Maintenance
Seattle, WA 98109		Effective Date:	Expiration Date:
		January 17, 2023	December 31, 2024
The following wage rate determination is made pursu agencies), or pursuant to Section 104(b) of the Native housing agencies). The agency and its contractors m the type of work they actually perform.	American Housin	g Assistance and Self-determination	n Act of 1996, as amended, (Indian
Melanie Hertel, SLRS		1-17-2023	
HUD Labor Relations		Date	
(Name, Title, Signature)			
WORK CLASSIFICATION(S)		HOURI	LY WAGE RATES
		BASIC WAGE	FRINGE BENEFIT(S) (if any)
continued - Page 2 Pipe Layer Vehicle Mechanic Engineer Pest Control Technician Solid Waste Laborer Solid Waste Vehicle Mechanic Solid Waste Worker, CDL Window cleaner: Scaffold Non-Scaffold		\$38.81 \$42.53 \$57.72 \$39.26 \$35.60 \$44.65 \$46.16 \$19.46 \$19.46	<ul> <li>\$19.14</li> <li>\$19.45</li> <li>\$22.78</li> <li>\$18.74</li> <li>\$17.94</li> <li>\$19.92</li> <li>\$20.25</li> <li>\$14.66</li> <li>\$14.66</li> <li>\$14.66</li> <li>\$14.66</li> <li>\$14.66</li> <li>\$14.66</li> <li>\$14.66</li> <li>\$14.66</li> </ul>
			by HUD to be acceptable for meeting the prevailing fringe benefit requirements. (HUD Labor Relations: If applicable, check box and initial below.)
			FOR HUD USE ONLY LR2000:
			Log in:
			Log out:

PREVIOUS EDITION IS OBSOLETE

### Contract No.XXXX

### CONSTRUCTION AND MAINTENANCE SERVICES

for

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 , hereinafter referred to as the "Contractor." The Contractor and the "Owner," and 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 E-M ail) (attached)
- Attachment A, version 1 (attached)
- Technical scope of work included as part of the Request for Bids (by E-M ail)
- Owner's General Conditions
- Prevailing wage rates as established in Select One dated (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 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:

By:

Date

Mike Tarantino Interim Deputy Director of Procurement and Contracts Date

Seattle HOUSING AUTHORITY BUILD CONTINUE AUTHORITY Seattle Housing Authority, Purchasing Division, ATTN: 190 Queen Anne Ave N, P.O Box 19028, Seattle WA 98109-1028							
Conorol Ducinco						EarS	HA Use Only:
General Busines Name of Business, Or		of Person (if	payment	is to an indiv	vidual):		Purchasing contracts
Mailing Address for Pa	ayments:					·	
City:	State:		Zip Co	de:	E-	Mail Address:	
Telephone No.:		Fax No.:				DUNS No.:	
Washington UBI No.:		City of Se	attle Bus	iness License	e No.:	Washington Contra	ctor's License No.:
President/General Ma	nager: Pr	rincipal prod	lucts and	/or services o	offered	:	
Type of Organiza	tion (check one)	):					
Individual	Sole Proprietor	Partne	rship ]	Corpora	tion	Governmental Ager	ncy Other
Employee Tax ID No.	(TIN) or Social Securi	ty No. (if Ind	lividual):				
withholding, or (b) withholding as a re no longer subject t Internal Revenue S certifications requi	perjury, I hereby of ber, <u>and</u> that I am I have not been n esult of a failure to to backup withhole Service does not re	certify tha not subjec otified by report all ding, <u>and</u> equire you up withho	ct to ba the Inte interes I am a l Ir conse	ckup withh ernal Rever st or divide J.S. person	olding iue Se nds, c i (incl	g because: (a) I am ervice (IRS) that I a or (c) the IRS has n uding a U.S. reside	exempt from backup m subject to backup otified me that I am ent alien). <u>Note:</u> The
Ownership Statu	s (check all that	apply):			F	Racial/Ethnic Sta	tus (check one):
WBE (Wome MWBE(Minorit CBE (Combi Small Busines Certified by OMW Business Enterprises)	ty-Owned Business n-Owned Business ty / Women-Owned nation Business En ss	Enterprise Business Interprise) Section 3 E te Office of	e) Enterpri <b>Busines</b> Minority	and Womer		Caucasian (1) African America Native America Hispanic Ameri Asian/Pacific A Hasidic Jews (6	n (3) can (4) merican (5)
<b>Method of Contract Payments:</b> 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 Authorize	ed Representative of V	/endor:					Date:
<ul> <li>By signing immediately above, the Vendor hereby represents the following: <ul> <li>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;</li> <li>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.</li> </ul> </li> </ul>							

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>

### 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.

**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.

The websites to verify eligibility of the firm and its principals are: <u>https://www.sam.gov/portal/SAM</u> and

http://portal.hud.gov/hudportal/HUD?src=/topics/limited\_denials\_of\_participation. 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: <u>www.bankofamerica.com/epayablesvendors</u>. 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.

**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.

- <u>WMBE:</u> 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.
- <u>Small Business</u>: 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.
- <u>HUD Section 3 Business</u>: A business that is owned 51% or more by a Section 3 qualified person, or where 30% or more of the permanent, full-time employees of the business are Section 3 qualified persons, or where the business can provide evidence of a commitment to subcontract in excess of 25% of the amount of all subcontracts to other Section 3 certified businesses. A Section 3 qualified person must live in the metropolitan statistical areas identified on SHA's Section 3 form and whose income level meets or falls below the stated income limits.

### 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 crated 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:

<u>For Section 3 Workers</u> – 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.

<u>For Targeted Section 3 Workers</u> – 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:**

<u>Section 3 Worker:</u> 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.

<u>Section 3 Business Concern:</u> 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	FY 2023			
Category	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 <u>https://www.huduser.gov/portal/datasets/il.html</u> 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:
  - $\circ\,$  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 Attachment E.2.B).				
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 Attachment E.2.B).				

### **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

FOR ADMINISTRATIVE USE ONLY				
Is the business a Section 3 business concern based upon their certification?				
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

SHA Contract No.	Contract Title:	
------------------	-----------------	--

### This Report is for the following dates:

Start Date:		End Date:	
-------------	--	-----------	--

### The following hours are for the dates and Contract identified above:

Total Hours Worked for all Workers:	
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 CRF 75.5.	
Total Hours Worked for Section 3 Workers:	
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.	
Total Hours Worked for Targeted Section 3 Workers:	
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.	

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

### 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:

	PRINCIPAL(S) Name(s)	Title(s)
1		
2		
3		
4		
5		

Contractor's Signature	Printed Name	Title	Date

<u>NOTE:</u> 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: <u>https://www.sam.gov/portal/public/SAM/</u> and <u>http://portal.hud.gov/hudportal/HUD?src=/topics/limited\_denials\_of\_participation</u>.

### Add this section if Suspension and Debarment Compliance Certificate for the <u>Sub-Contractors</u> or <u>Sub-</u> <u>Consultants</u> is needed. DO NOT forget to fill in your contact information below] 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.

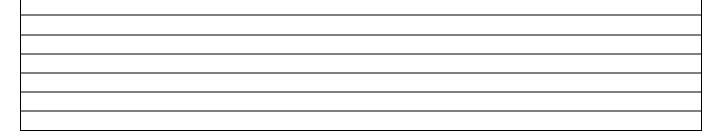
Prime Contractor's Name: \_\_\_\_\_\_\_ certifies that neither any of the sub- contracting firms named below, nor any of its principals are debarred, suspended or ineligible from involvement by Federal, State or Local Government. I understand that the Seattle Housing Authority (SHA) relies on this certification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

### 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 <u>Habtu Demeke</u> at 206-615-<u>3318</u> or by e-mail at <u>habtu.demeke@seattlehousing.org</u> 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:

- <u>Subgrantees:</u> 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.
- <u>Contractors:</u> 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.

.....

<u>Certification and Assurance</u>: 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:

- 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).

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

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

<u>WARNING</u>: 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: <u>Habtu Demeke</u>, 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

### 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 (08/26/2023) 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 Nam	е		
Signature of Authorize	d Official*		
Printed Name			
T:41.			
Title			
Date	City		State
Check One:			
Sole Proprietorship 🗆	Partnership 🗆	Joint Venture □	Corporation 🗆
State of Incorporation,	or if not a corpor	ation, 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. PARTNER (if partnership) BIDDER OFFICER (if individual) (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\_\_\_\_.