



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

REQUEST FOR BIDS (by E-Mail)

Date: 05/22/2023	To: Potential Bidders for SHA Solicitation #5772 Ross Manor Flooring Abatement		
The work described below is subject to the conditions described on Attachment A, version 1 <input checked="" type="checkbox"/> version 2 <input type="checkbox"/>			
SHA Reference No.: 5772	(Federal Prevailing Wages) Federal Wage Decision No.: HUD Non-Routine Maintenance (Effective 1/17/23 through 12/31/24)	OR	(State Prevailing Wages) Date of State Prevailing Wage Schedule: N/A
Number of Working Days to Complete Work: 5 Working Days upon issuance of Notice to Proceed	For Questions Contact: Diana Peterson Lead Sr. Contract Administrator	Phone No.: (206) 615-3470 E-mail: purchasing@seattlehousing.org	
Project Description / Scope of Work: <input checked="" type="checkbox"/> See Scope of Work attached. <input type="checkbox"/> See Scope of Work below. This project is estimated to be between \$28,000.00 and \$33,000.00			
PRE-BID SITE VISIT: <u>May 30, 2023, at 10:00 AM Pacific Time (PT).</u> Meet at Ross Manor main entrance at 1420 Western Ave Seattle, WA 98101			
DEADLINE FOR QUESTIONS: <u>June 6, 2023, no later than 4:00 PM Pacific Time (PT).</u> Email your questions to: purchasing@seattlehousing.org			
BID DUE DATE AND TIME: <u>June 13, 2023, no later than 2:00 PM Pacific Time (PT)</u> 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): _____			
BIDDER MUST COMPLETE THE INFORMATION BELOW. In addition, if bidder has never done business with SHA, it must submit a vendor fact sheet with its bid form. Bidder must also submit the required Section 3 forms with its bid form. <input type="checkbox"/> If checked, Bidder must complete the attached Detailed Bid Price Form and provide the total bid price below.			
Basic Bid Price (without Sales Tax)	Sales Tax on Materials (see Attachment A)	Total Bid Price (with Sales Tax on Materials Only)	
Bidder's Business Name:	Telephone No.:	E-Mail Address:	
Address:		City, State, Zip Code:	

Business Classification: <input type="checkbox"/> WBE <input type="checkbox"/> MBE <input type="checkbox"/> MWBE <input type="checkbox"/> Section 3		Contractor Registration No.:
Signature:	Date:	Printed Name and Title of Person Signing Bid:
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.		

- ATTACHMENT A: Version 1 (Less than \$35,000.00)**
- ATTACHMENT B: 1. Scope of Work**
- 2. Revised Limited Hazardous Materials Survey Report**
- 3. Floor Layout**
- 4. Regulatory Requirements Hazardous Materials**
- ATTACHMENT C: HUD Non-Routine Maintenance Rates (Effective 1/17/23 through 12/31/24)**
- ATTACHMENT D: Sample Contract**
- ATTACHMENT E: Forms**
- 1. SHA Vendor Fact Sheet**
- 2. A. Section 3 Benchmark Low and Very Low-Income Person and Eligible Businesses**
- B. Section 3 Income Limits**
- C. Business Concern Certification for Contracting**
- D. Sample Quarterly Reporting Form**
- 3. Suspension and Debarment Compliance Certificate for Contractor/Subcontractor**
- 4. For-Profit Subgrantee and Contractor Certifications and Assurances**
- 5. Certification of Compliance with Wage Payment Statutes (SSB5301)**
- 6. Non-Collusive Affidavit**

SUBMISSION CHECKLIST - THE FOLLOWING FORMS NEED TO BE COMPLETED, SIGNED AND RETURNED

- _____ **Request for Bids (Page 1 and Page 2)**
- _____ **SHA Vendor Fact Sheet**
- _____ **Section 3 Business Concern Certification for Contracting (if applicable)**
- _____ **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 \$35,000)

Invitation to Bid (by E-Mail)

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

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

1. At the time of bid submittal, have a current certificate of registration in compliance with chapter 18.27 RCW, which must have been in effect at the time of the bid submittal;
2. Have a current Washington Unified Business Identifier (UBI) number;
3. If applicable:
 - Have Industrial Insurance (workers' compensation) coverage for the bidder's employees working in Washington, as required in Title 51 RCW;
 - Have a Washington Employment Security Department number, as required in Title 50 RCW;
 - Have a Washington Department of Revenue state excise tax registration number, as required in Title 82 RCW;
 - Electrical Contractor License, if required by Chapter 19.28 RCW
 - Elevator Contractor License, if required by Chapter 70.87 RCW
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 more than one violation of the off-site, prefabricated, non-standard, project specific items reporting requirements of RCW 39.04.370. (Applicable until December 31, 2013)
6. Has not been debarred, suspended, or otherwise ineligible to contract with SHA and is not included on the Excluded Parties List System (EPLS) on GSA's SAM (System for Award Management) <https://www.sam.gov/portal/public/SAM/> or the Department of Housing and Urban Development's "Limited Denial of Participation" list. This requirement also applies to the Bidder's principals.
7. Have completed training requirements under RCW 39.04.350 and RCW 39.06.020 before bidding on public works projects as determined by the Washington State Department of Industries OR have been in business with an active Unified Business Identifier (UBI) number for 3 or more years AND have performed work on 3 or more public works projects.

Prevailing Wages: The Contractor 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 for Construction:

- 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 Contractor and, if applicable, 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. The Owner will notify the Contractor of any special filing instructions that may apply for these forms depending on the funding source(s) of the project.

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 for more details):

1. Commercial General Liability Insurance. \$1,000,000 each occurrence, and \$2,000,000 aggregate
2. Additional Insured Endorsement Ongoing Operations: The Owner must be included as an Additional Insured on a primary and non-contributory basis on all Commercial General Liability policies of the Contractor. A policy endorsement form CG2010 or equivalent must be provided to Owner as evidence of additional insured coverage.
3. Additional Insured Endorsement Completed Operations: The Contractor's CGL insurance shall include the Owner 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 the Owner shall remain in effect for not less than three (3) years following the Final Acceptance of the Work by the Owner.
4. Employers Liability policy or Washington Stop Gap Liability insurance endorsement: \$1,000,000 each accident
5. Workers Compensation coverage.
6. Commercial Automobile Liability Insurance. \$1,000,000 combined single limit coverage
7. Pollution Liability Insurance: \$1,000,000 combined single limit coverage, if the work involves handling or disposal of asbestos, lead-based paint, contaminated soil, or other hazardous materials.

No Contract Bond: Consistent with the requirements of State law (RCW 39.04.155), SHA is not requiring a Contract Payment and Performance Bond.

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

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. The Contractor must pay sales tax on materials purchased for this job. SHA does not pay sales tax for labor and services rendered.

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

General Conditions: SHA's General Conditions are hereby 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 terms of the General Conditions shall apply, except that the types and amounts of insurance specified above, and the waiver of the Contract Bond and withholding of retainage specified above, shall take precedence over the General Conditions. The General Conditions may be viewed by accessing [SHA website](#), or upon request, a copy of the General Conditions may be obtained by calling SHA at (206) 615-3379.

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

Section 3: Section 3 is a provision of the Housing and Urban Development Act of 1968. The purpose of Section 3 is to ensure that employment and other economic opportunities generated by certain HUD financial assistance shall, to the greatest extent feasible, and consistent with existing Federal, State, and local laws and regulations, be directed to low- and very low-income persons, particularly those who are recipients of government assistance for housing, and to business concerns which provide economic opportunities to low- and very low-income persons. Each bidder is required to submit with its Bid a Section 3 Business Certification form. Failure to complete this form may render a bid non-responsive.

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

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

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

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 1st 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

- 1st 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:

- 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)

Method

- Abatement to equal removal not encapsulation

Condition

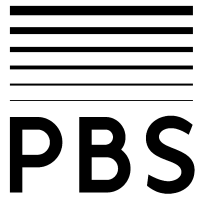
- Building is occupied so work may need to be done in stages.
- Access to building, elevator, and mailboxes at the end of each day.

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



REVISED Limited Hazardous Materials Survey Report

**Seattle Housing Authority
homeWorks 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

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 gas-fired water heaters.

Survey Process

PBS inspected areas of the Ross Manor to be impacted by planned renovation as part of the homeWorks 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.

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

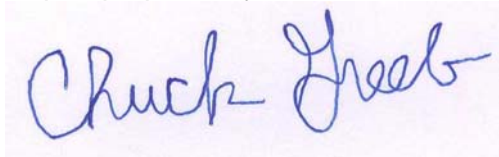
Representative fluorescent light fixture ballasts were observed and found to be labeled “No-PCBs”.

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:



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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PLM ASBESTOS SAMPLE INVENTORY

<u>PBS Sample #</u>	<u>Material Type</u>	<u>Sample Location</u>	<u>Lab Description</u>	<u>Lab Result</u>	<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 Mastic	12th Floor Garbage	Layer 1: White floor tile with streaks Layer 2: Black asphaltic mastic	2% Chrysotile 3% Chrysotile	NLC 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 12" Floor Tile Mastic	1st Floor Mens Room	Layer 1: Beige sandy vinyl w/gray fibrous backing Layer 2: White floor tile Layer 3: Gold mastic	NAD NAD NAD	NLC 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

PLM ASBESTOS SAMPLE INVENTORY

<u>PBS Sample #</u>	<u>Material Type</u>	<u>Sample Location</u>	<u>Lab Description</u>	<u>Lab Result</u>	<u>Lab</u>
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: **01** Lab Sample Number: **07-00303.0001**
On-site Description: **Popcorn Ceiling Texture**
Sample Location: **Unit 610**
Analysis Comments:

White lumpy powdery material

Asbestos Fibrous Components: Non-Asbestos Fibrous Components: Non-Fibrous Components:
No Asbestos Detected

Client Sample Number: **02** Lab Sample Number: **07-00303.0002**
On-site Description: **Beige Pebbled Vinyl**
Sample Location: **Unit 610 (Throughout Unit)**
Analysis Comments:

Tan/white pebbled viny with off-white fibrous backing

Asbestos Fibrous Components: Non-Asbestos Fibrous Components: Non-Fibrous Components:
35% Chrysotile 65% Vinyl Filler and Binder

Client Sample Number: **03** Lab Sample Number: **07-00303.0003**
On-site Description: **Black Sink U.C.**
Sample Location: **Unit 610 Kitchen**
Analysis Comments:

Black asphaltic material

Asbestos Fibrous Components: Non-Asbestos Fibrous Components: Non-Fibrous Components:
3% Chrysotile 97% Filler and Binder

(Sample results continued on next page.)

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

Crystal Wright, Laboratory Supervisor

*This report is for the exclusive use of the client, and shall not be reproduced except in full with the written permission of the laboratory.



138 SW 154th Street Buriem, 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: 04 Lab Sample Number: 07-00303.0004
On-site Description: Pipe Fitting
Sample Location: Unit 610 Bathroom Chase
Analysis Comments:

Woven fibrous material with light gray powder

Asbestos Fibrous Components: No Asbestos Detected
Non-Asbestos Fibrous Components: 35% Cellulose, 25% Glass Fiber
Non-Fibrous Components: 40% Filler and Binder

Client Sample Number: 05 Lab Sample Number: 07-00303.0005
On-site Description: 12" VCT, Off-White w/Streaks
Sample Location: 12th Fl. Garbage Rm.
Analysis Comments:

Layer 1 White floor tile with streaks

Asbestos Fibrous Components: 2% Chrysotile
Non-Asbestos Fibrous Components:
Non-Fibrous Components: 98% Vinyl Filler and Binder

Layer 2 Black asphaltic mastic

Asbestos Fibrous Components: 3% Chrysotile
Non-Asbestos Fibrous Components:
Non-Fibrous Components: 97% Asphalt Filler and Binder

Client Sample Number: 06 Lab Sample Number: 07-00303.0006
On-site Description: Grout on Brick
Sample Location: Roof, Elev. Machine Rm.
Analysis Comments:

(Sample results continued on next page.)

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

Crystal Wright, Laboratory Supervisor

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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

White powdery material

Asbestos Fibrous Components: **No Asbestos Detected**
Non-Asbestos Fibrous Components:
Non-Fibrous Components: 100% Filler and Binder

Client Sample Number: 10 Lab Sample Number: 07-00303.0010
On-site Description: **GWB & JC**
Sample Location: 1st Fl. Lobby
Analysis Comments:

Layer 1 Paint on white powder

Asbestos Fibrous Components: **No Asbestos Detected**
Non-Asbestos Fibrous Components:
Non-Fibrous Components: 100% Filler and Binder

Layer 2 Tan papery material with white powder

Asbestos Fibrous Components: **No Asbestos Detected**
Non-Asbestos Fibrous Components: 35% Cellulose
Non-Fibrous Components: 65% Filler and Binder

Client Sample Number: 11 Lab Sample Number: 07-00303.0011
On-site Description: **Vinyl Floor (Over Floor Tile)**
Sample Location: 1st Fl. Men's Rm
Analysis Comments:

Layer 1 Beige sandy vinyl with gray fibrous backing

Asbestos Fibrous Components: **No Asbestos Detected**
Non-Asbestos Fibrous Components: 35% Cellulose
Non-Fibrous Components: 40% Vinyl Filler and Binder
25% Glass Fiber

Layer 2 White floor tile

Asbestos Fibrous Components: **No Asbestos Detected**
Non-Asbestos Fibrous Components:
Non-Fibrous Components: 100% Vinyl Filler and Binder

(Sample results continued on next page.)

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

NLCS Batch Number: **07-00303**
Client Job Number: **40654.023**
Turn Around Time: **3 Day C**
Samples 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: **12** Lab Sample Number: **07-00303.0012**
On-site Description: **Mastic on Grey 4" Cove**
Sample Location: **1st Fl. Lobby**
Analysis Comments:

White pliable material

Asbestos Fibrous Components: **No Asbestos Detected**
Non-Asbestos Fibrous Components:
Non-Fibrous Components: **100% Vinyl Filler and Binder**

Client Sample Number: **13** Lab Sample Number: **07-00303.0013**
On-site Description: **Carpet Mastic on 12" VCT**
Sample Location: **1st Fl. Lobby**
Analysis Comments:

Layer 1 Gold mastic

Asbestos Fibrous Components: **No Asbestos Detected**
Non-Asbestos Fibrous Components:
Non-Fibrous Components: **100% Filler and Binder**

Layer 2 White floor tile

Asbestos Fibrous Components: **2% Chrysotile**
Non-Asbestos Fibrous Components:
Non-Fibrous Components: **98% Vinyl Filler and Binder**

Layer 3 Black asphaltic mastic

Asbestos Fibrous Components: **3% Chrysotile**
Non-Asbestos Fibrous Components:
Non-Fibrous Components: **97% Asphalt Filler and Binder**

(Sample results continued on next page.)

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

NLCS Batch Number: 07-00303
Client Job Number: 40654.023
Turn Around Time: 3 Day C
Samples Analyzed: 26

Client Sample Number: 14 Lab Sample Number: 07-00303.0014
On-site Description: Sink U.C., Black
Sample Location: 2nd Fl. - Kitchen
Analysis Comments:

Black powdery material

Asbestos Fibrous Components: 2% Chrysotile
Non-Asbestos Fibrous Components: 98% Filler and Binder
Non-Fibrous Components:

Client Sample Number: 15 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

Asbestos Fibrous Components: No Asbestos Detected
Non-Asbestos Fibrous Components: 100% Filler and Binder
Non-Fibrous Components:

Layer 2 White powder

Asbestos Fibrous Components: No Asbestos Detected
Non-Asbestos Fibrous Components: 100% Filler and Binder
Non-Fibrous Components:

Client Sample Number: 16 Lab Sample Number: 07-00303.0016
On-site Description: 2'x4' C.T.
Sample Location: 1st Fl. Hallway, By Jan. Storage
Analysis Comments:

(Sample results continued on next page.)

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

NLCS Batch Number: 07-00303
Client Job Number: 40654.023
Turn Around Time: 3 Day C
Samples Analyzed: 26

Paint on gray fibrous material

Asbestos Fibrous Components:	Non-Asbestos Fibrous Components:	Non-Fibrous Components:
No Asbestos Detected	25% Mineral Wool 45% Cellulose	30% Filler and Binder

Client Sample Number: 17	Lab Sample Number: 07-00303.0017
On-site Description: GWB & JC	
Sample Location: 11th Fl. Storage Rm.	
Analysis Comments:	

Layer 1 Paint on white powder

Asbestos Fibrous Components:	Non-Asbestos Fibrous Components:	Non-Fibrous Components:
No Asbestos Detected		100% Filler and Binder

Layer 2 Tan papery material with white powder

Asbestos Fibrous Components:	Non-Asbestos Fibrous Components:	Non-Fibrous Components:
No Asbestos Detected	35% Cellulose	65% Filler and Binder

Client Sample Number: 18	Lab Sample Number: 07-00303.0018
On-site Description: GWB & JC	
Sample Location: 10th Fl. Storage Rm.	
Analysis Comments:	

Layer 1 Paint on white powder


Asbestos Fibrous Components:	Non-Asbestos Fibrous Components:	Non-Fibrous Components:
No Asbestos Detected		100% Filler and Binder

Layer 2 Tan papery material with white powder

Asbestos Fibrous Components:	Non-Asbestos Fibrous Components:	Non-Fibrous Components:
No Asbestos Detected	35% Cellulose	65% Filler and Binder

(Sample results continued on next page.)

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


Crystal Wright, Laboratory Supervisor

Page 7

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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: 07-00303
Client Job Number: 40654.023
Turn Around Time: 3 Day C
Samples Analyzed: 26

Client Sample Number: 19 Lab Sample Number: 07-00303.0019
On-site Description: Pipe Fitting
Sample Location: 1st Fl. Hallway by Jan. Storage
Analysis Comments:

Woven material with white powder

Asbestos Fibrous Components: No Asbestos Detected
Non-Asbestos Fibrous Components: 15% Cellulose, 25% Mineral Wool
Non-Fibrous Components: 60% Filler and Binder

Client Sample Number: 20 Lab Sample Number: 07-00303.0020
On-site Description: Popcorn Ceiling Texture
Sample Location: 3rd Fl. Hallway
Analysis Comments:

White lumpy foamy material

Asbestos Fibrous Components: 2% Chrysotile
Non-Asbestos Fibrous Components: 98% Filler and Binder
Non-Fibrous Components:

Client Sample Number: 21 Lab Sample Number: 07-00303.0021
On-site Description: Popcorn Ceiling Texture
Sample Location: 6th Fl. Hallway
Analysis Comments:

White foamy powdery material

Asbestos Fibrous Components: 2% Chrysotile
Non-Asbestos Fibrous Components: 98% Filler and Binder
Non-Fibrous Components:

(Sample results continued on next page.)

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

NLCS Batch Number: **07-00303**
Client Job Number: **40654.023**
Turn Around Time: **3 Day C**
Samples Analyzed: **26**

Client Sample Number: **22** Lab Sample Number: **07-00303.0022**
On-site Description: **Popcorn Ceiling Texture**
Sample Location: **8th Fl. Hallway**
Analysis Comments:

White foamy powdery material

Asbestos Fibrous Components: **2% Chrysotile** Non-Asbestos Fibrous Components: Non-Fibrous Components:
98% Filler and Binder

Client Sample Number: **23** Lab Sample Number: **07-00303.0023**
On-site Description: **12" Beige VCT**
Sample Location: **Elevator, W. Car**
Analysis Comments:

Layer 1 Off-white floor tile

Asbestos Fibrous Components: **No Asbestos Detected** Non-Asbestos Fibrous Components: Non-Fibrous Components:
100% Vinyl Filler and Binder

Layer 2 Dark gold mastic

Asbestos Fibrous Components: **No Asbestos Detected** Non-Asbestos Fibrous Components: Non-Fibrous Components:
100% Filler and Binder

Client Sample Number: **24** Lab Sample Number: **07-00303.0024**
On-site Description: **Popcorn Ceiling Texture**
Sample Location: **10th Fl. Hallway**
Analysis Comments:

White foamy lumpy powdery material

Asbestos Fibrous Components: **2% Chrysotile** Non-Asbestos Fibrous Components: Non-Fibrous Components:
98% Filler and Binder

(Sample results continued on next page.)

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

NLCS Batch Number: **07-00303**
Client Job Number: **40654.023**
Turn Around Time: **3 Day C**
Samples Analyzed: **26**

Client Sample Number: **25** Lab Sample Number: **07-00303.0025**
On-site Description: **GWB & JC**
Sample Location: **12th Fl. Storage Rm.**
Analysis Comments:

Layer 1 Paint on off-white powder

Asbestos Fibrous Components: **No Asbestos Detected** Non-Asbestos Fibrous Components: Non-Fibrous Components:
100% Filler and Binder


Layer 2 Tan papery material with white powder

Asbestos Fibrous Components: **No Asbestos Detected** Non-Asbestos Fibrous Components: 35% Cellulose Non-Fibrous Components:
65% Filler and Binder

Client Sample Number: **26** Lab Sample Number: **07-00303.0026**
On-site Description: **Gray Window Frame Caulk**
Sample Location: **N. Entrance, Exterior**
Analysis Comments:

Gray pliable material

Asbestos Fibrous Components: **No Asbestos Detected** Non-Asbestos Fibrous Components: Non-Fibrous Components:
100% Filler and Binder

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

Crystal Wright, Laboratory Supervisor

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NORTHERN

Laboratory & Consulting Services, Inc.

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

PLM Asbestos Analysis Report*

PBS Environmental
130 Nickerson Street STE 107
Seattle, WA 98109
Project Location: DKA Ross Manor

NLCS, Inc Number: **07-00417**
Client Number: **40654.023**
Turn Around Time: **24 Hour**
Samples Analyzed: **2**

Client Sample Number: 40654.023-27	Lab Sample Number: 07-00417.001
Samples Description: Window Frame Sealant	
Sample Location: 2nd Fl., W. Side	
Analysis Comment:	

Black pliable material


Asbestos Fibrous Component: Non Asbestos Fibrous Component: Non Fibrous Component:
NO ASBESTOS DETECTED 100% Filler and binder

Client Sample Number: 40654.023-28	Lab Sample Number: 07-00417.002
Samples Description: Window Frame Sealant	
Sample Location: 9th Fl., E. Side	
Analysis Comment:	

Black hard chunk

Asbestos Fibrous Component: Non Asbestos Fibrous Component: Non Fibrous Component:
NO ASBESTOS DETECTED 100% Filler and binder

Sampled By: Chuck Greeb 5/8/2007
Received By: Crystal Wright 5/8/2007
Reviewed By: Crystal Wright 5/8/2007


Crystal Wright, Laboratory Supervisor



0700303 ✓

Project: SHA Ross Manor

Project #: 40654, 02-3

Analysis requested: PMMA

Date: 5/14/07

Relinq'd by/Signature: Chuck Greeb

Date/Time: 4/27/07 12:40

Received by/Signature: [Signature]

Date/Time: 4/11/07

Fax results to:

- Brian Stanford
- Ernest Edwards
- Gregg Middaugh
- Mark Hiley
- Prudy Stoudt-McRae
- Chuck Greeb
- Janet Murphy
- Willem Mager
- Harry Goren
- Tim Ogden
- Mike Smith
- Other _____

TURN AROUND TIME:

- 1 Hour
- 2 Hours
- 4 Hours
- 24 Hours
- 48 Hours
- 3-5 Days
- Other _____

Lab #	Sample #	Material	Location	Lab
	-01	Popcorn ceiling	Unit 610	
	-02	Beige pebbled wall	Unit 610 (Trophy room)	
	-03	Black sink U.C.	Unit 610 kitchen	
	-04	P.P.C fitting	Unit 610 Bathroom	
	-05	12" VCT, off white w/ streaks	12th fl. Garbage Rm	
	-06	Grout on brick	Roof, Elev. Machine Rm	
	-07	Evaporator HVAC Equip.	Roof	
	-08	Grains on H.W. Tank	Mech. Rm. 1st fl (near elev. shaft)	
	-09	GWBTJS	1st fl. Storage (w. Towels)	
	-10	GWBTJS	2nd fl. Lab	
	-11	Wingtip floor (over Men's Rm)	1st fl. Men's Rm	
	-12	Mastic on Gray 4" core	1st fl. Lobby	
	-13	Carpet mastic on 12" VCT	1st fl. Lobby	
	-14	Sink U.C., black	2nd fl. - kitchen	
	-15	Mastic on brown 4" core	2nd fl. - kitchen (JSC)	

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



0100303

Project: Ross Manor

Project #: 40654.023

Analysis requested: PLM

Date: _____

Relinq'd by/Signature: Chuck Greeb

Date/Time: 4/4/07 12:40

Received by/Signature: _____

Date/Time: 4/4/07

Fax results to:

- Brian Stanford
- Ernest Edwards
- Gregg Middaugh
- Mark Hiley
- Prudy Stoudt-McRae
- Chuck Greeb
- Janet Murphy
- Willem Mager
- Harry Goren
- Tim Ogden
- Mike Smith
- Other _____

TURN AROUND TIME:

- 1 Hour
- 2 Hours
- 4 Hours
- 24 Hours
- 48 Hours
- 3 Days
- Other _____

Lab #	Sample #	Material	Location	Lab
	-16	2x4 C.F.	6th fl. Hallway	64 Jan. Storage
	-17	GW8+JC	11th fl. Storage Rm.	
	-18	GW8+JC	10th fl. Storage Rm.	
	-20	Popcorn Ceiling Texture	3rd fl. Hallway	
	-21	Popcorn Ceiling texture	6th fl. Hallway	
	-22	Popcorn Ceiling texture	8th fl. Hallway	
	-24	Popcorn Ceiling texture	10th fl. Hallway	
	-23	12" Beige VCT	Elevator, w. car	
	-25	GW8+JC	12th fl. Storage Rm.	
	-19	Pipe fitting		
	-26	Gray window frame caulk	N. entrance, exterior	



C7-00417

Project: DKA Ross Manor

Project #: 40654.023

Analysis requested: PLM

Date: 5/8/07

Relinqu'd by/Signature: Chuck Drew

Date/Time: 5/8/07

Received by/Signature: J Strade

Date/Time: 5/8/07

Fax results to:

- | | | |
|---|---|---|
| <input type="checkbox"/> Brian Stanford | <input type="checkbox"/> Prudy Stoudt-McRae | <input type="checkbox"/> Harry Goren |
| <input type="checkbox"/> Ernest Edwards | <input checked="" type="checkbox"/> Chuck Greeb | <input checked="" type="checkbox"/> Tim Ogden |
| <input type="checkbox"/> Gregg Middaugh | <input type="checkbox"/> Janet Murphy | <input type="checkbox"/> Mike Smith |
| <input type="checkbox"/> Mark Hiley | <input type="checkbox"/> Willem Mager | <input type="checkbox"/> Other _____ |

TURN AROUND TIME:

- | | | |
|----------------------------------|--|--------------------------------------|
| <input type="checkbox"/> 1 Hour | <input checked="" type="checkbox"/> 24 Hours | <input type="checkbox"/> 3-5 Days |
| <input type="checkbox"/> 2 Hours | <input type="checkbox"/> 48 Hours | <input type="checkbox"/> Other _____ |
| <input type="checkbox"/> 4 Hours | | |

BUEK SAMPLE DATA FORM

Lab #	Sample #	Material	Location	Lab
	- 27	Window frame sealant	Window frame sealant 2nd fl., W. side	
	- 28	Window frame sealant	9th fl., E. side	



SAMPLE LOG/CHAIN OF CUSTODY

Client Company Seattle Housing Authority PAI Batch Number 96 - 0502
 Client Address 4500 MLK Way South Community I.D. / Building I.D. P.O. 76244
Seattle WA 98108
city state zip
 Number of Samples 4

RESULTS ATTENTION TO: Mr. Jerry Chase
 Phone 615-3532 - 615-3530
 Fax 615-3537

TYPE OF ANALYSIS

ASBESTOS		LEAD	
<input checked="" type="checkbox"/> PLM (bulk)	<input type="checkbox"/> PCM (air)	<input type="checkbox"/> Paint Chips	<input type="checkbox"/> Soil
<input type="checkbox"/> PLM (bulk)	<input type="checkbox"/> PCM (air)	<input type="checkbox"/> Dst/wipe	<input type="checkbox"/> Air
		<input type="checkbox"/> TCLP	<input type="checkbox"/> Water

Building Address 1420 Western Ave.
046, ROSS MANOR

OTHER (specify) _____

TURN AROUND TIME
 Regular RUSH Hours 72 hr

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

PRICE PER SAMPLE \$20

Seq. #	Lab ID	Sample ID	A/R	Seq. #	Lab ID	Sample ID	A/R
1	96020440	022396JCAB13	A	11			
2	↓ 441	↓ AB14	↓	12			
3	↓ 442	↓ AB15	↓	13			
4	↓ 443	↓ AB16	↓	14			
5				15			
6				16			
7				17			
8				18			
9				19			
10				20			

	SIGNATURE	DATE	TIME
Sampled By:	<u>Chase/Harris</u>	<u>2.23.96</u>	<u>1:30</u>
Delivered By:	<u>Chase/Harris</u>	<u>2.26.96</u>	<u>9:34</u>
Received By:	<u>Jerry J. Wilson</u>	<u>2/26/96</u>	<u>7:34 AM</u>
Analyzed By:			
Results called in by:			
Results Faxed by:			

SPECIAL INSTRUCTIONS:
Results by 9:30 AM Thursday 2/29/96

Community: 046 ROSS MANOR

Unit: _____

Address: 1420 WESTERN AVE.

BULK SAMPLING DATA SHEET

Functional Space Room/Number	Floor	Sample No.	Type of Material	% Asbestos
Hallway	1st	022396 JCAB 13	ceiling tile	ND
GARBAGE Rm	2nd	AB 14	Fl. tile	10% MASTIC
GARBAGE Rm	2nd	AB 15	COVE BASE/MASTIC	ND
Hallway	2nd	AB 16	Popcorn ceiling	ND

Sampled By: Chase / Harris

Date: 2.23.96



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

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

BULK ASBESTOS FIBER ANALYSIS



PAI Job Number: 96 - 0502.00

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

Number of samples: 4
REGULAR

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

3 % **Paint**
15 % **Perlite**
2 % **Glass beads**

TOTAL: 20 %

% NON-ASBESTOS FIBROUS COMPONENTS

40 % **Cellulose fibers**
40 % **Ceramic fibers**

TOTAL: 80 %

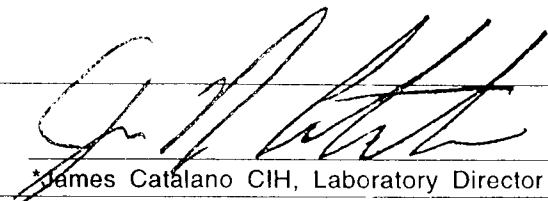
% ASBESTOS FIBROUS COMPONENTS

No detectable asbestos

TOTAL: ND %

TOTAL ASBESTOS: ND %

Sampled by: **Client**
Analyzed by: **Greg Willett** Date: **02/29/96**
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.
All bulk samples are analyzed using test method 40 CFR ch. I (1-1-87 edition) Pt 763, Subpt. F App. A, pages 293-299.
This report relates only to the items tested.
If samples were not collected by Prezant Assoc. personnel, then accuracy of the results is limited by the methodology and acuity of the sample collector.
Analyses are cross-checked with other technicians in-house and other laboratories for quality assurance and verification.



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

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

Number of samples: 4
REGULAR

Project: **1420 Western Ave.**
046, Ross Manor

Project #: **xxxx**

Sample Location: **Garbage room, 2nd floor**

Sample #: **022396JCAB14**
Lab #: **96020441**

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

NON-ASBESTOS NON-FIBROUS COMPONENTS

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

TOTAL: >89 %

% NON-ASBESTOS FIBROUS COMPONENTS

10% Cellulose fibers L-1

TOTAL: 10 %

% ASBESTOS FIBROUS COMPONENTS

10% Chrysotile L-2

TOTAL: <1 %

TOTAL ASBESTOS: <1 %

Sampled by: Client
Analyzed by: Greg Willett Date: 02/29/96
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.
† Bulk samples are analyzed using test method 40 CFR ch. I (1-1-87 edition) Pt 763, Subpt. F App. A, pages 293-299.
‡ This report relates only to the items tested.
§ If samples were not collected by Prezant Assoc. personnel, then accuracy of the results is limited by the methodology and acuity of the sample collector.
¶ Analyses are cross-checked with other technicians in-house and other laboratories for quality assurance and verification.



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

BULK ASBESTOS FIBER ANALYSIS



PAI Job Number: **96 - 0502.00**

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

Number of samples: **4**
REGULAR

Project: **1420 Western Ave.**
046, Ross Manor

Project #: **XXXX**

Sample Location: **Garbage room, 2nd floor**

Sample #: **022396JCAB15**
Lab #: **96020442**

Sample Description: **Brown mastic**

NON-ASBESTOS NON-FIBROUS COMPONENTS

100% Mastic/binder

TOTAL: 100 %

% NON-ASBESTOS FIBROUS COMPONENTS

No detectable fibers

TOTAL: ND %

% ASBESTOS FIBROUS COMPONENTS

No detectable asbestos

TOTAL: ND %

TOTAL ASBESTOS: ND %

Sampled by: **Client**

Analyzed by: **Greg Willett**

Reviewed By: **James Catalano**

Date: **02/29/96**

Date: **02/29/96**

*James Catalano CIH, Laboratory Director

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



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

BULK ASBESTOS FIBER ANALYSIS



PAI Job Number: **96 - 0502.00**

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

Number of samples: **4**
REGULAR

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

65% Synthetic foam
35% Calcareous matrix

TOTAL: 100 %

% NON-ASBESTOS FIBROUS COMPONENTS
No detectable fibers

TOTAL: ND %

% ASBESTOS FIBROUS COMPONENTS
No detectable asbestos

TOTAL: ND %

TOTAL ASBESTOS: ND %

Sampled by: **Client**
Analyzed by: **Greg Willett** Date: **02/29/96**
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.
n 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.

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

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	ASBESTOS		NONASBESTOS	
				%	TYPE	% FIBROUS	% NONFIBROUS
122998JCAB01		White Non-Fibrous Heterogeneous	Teased/Crushed	None Detected		1% Cellulose	84% Other 15% Paint/Coating
122998JCAB02		Off-white Non-Fibrous Heterogeneous	Teased/Crushed	None Detected		2% Cellulose	45% Synthetic foam 38% Other 15% Paint/Coating
122998JCAB03		Off-white Non-Fibrous Heterogeneous	Teased/Crushed	None Detected		2% Cellulose	45% Synthetic foam 38% Other 15% 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
Judith Cummings
Analyst

Carol Evans
Approved
Signatory

Disclaimers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Samples reported as <1% or none detected should be tested with either SEM or TEM. The above test report relates only to the items 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.

Analysis performed by EMSL Seattle (NVLAP Air and Bulk #200010.)

EMSL ANALYTICAL, INC.

CHAIN OF CUSTODY

58983542
LEAD / ASBESTOS

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

EMSL Representative: Sean Olson

~~Contract~~ #242.1
Seattle Housing Authority
Jerry Chase / Lorrie Harris
1205 N. 45th Street
Seattle, WA 98103

Your Company Name: Seattle Housing Authority

Address: 120 6th Ave North
City/State: Seattle, WA Zip: 98109

Phone Results to: 545-1623
Telephone #: 545-1623

Fax Results to: JERRY CHASE
Fax #: 545-1068

Project Name/Number: 046 #306

Address: 1420 Westwood Ave

*Turn Around Time: (TAT) 12 Hours
(CIRCLE ONE) 3 Hour 6 Hour (12 Hour) 24 Hour 48 Hour 72 Hour 5 Days 6-10 Days

LEAD SAMPLES

SAMPLE TYPE	ANALYTICAL METHOD**	DETECTION LIMIT	# Samples
Lead Chips	EPA SW846-7420-3050A	0.01%	
Lead in Air	NIOSH 7082	10 ug/filter	
Lead In Wipe	EPA SW846-7420-3050A	12 ug/wipe	
TCLP Lead	SW846-1311/7420	0.4mg/l(ppm)	
Lead In Soil	EPA SW846-7420-3050A	1mg/kg-Soil	

Total # of Lead Samples Submitted:

ASBESTOS SAMPLES

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

Total # of Asbestos Samples Submitted:

Sample #	Location	Volume/Area
122998JC ABC1	KITCHEN CEILING	
122998JC ABC2	BED ROOM CEILING	
122998JC ABC3	BED ROOM CEILING	

Continued on Page 2? () Yes (X) No

Page 1 of 1

Relinquished By: Jerry Chase

Date/Time: 12-29-98 12:30 PM

Sent via (Circle Type): Fed Ex, UPS, US Mail, Courier, (Hand Delivered), Other: _____

Received @ EMSL By: Jude Camp

Date/Time: 12-29-98 5:02 PM

Analysis by: Jude Camp 12-29-98 3PM

* 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!

NVL Laboratories, Inc.

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 Tel: 206.547.0100 Emerg. Cell: 206.914.4646
 Fax: 206.634.1936 1.888.NVL.LABS (685.5227)

**CHAIN of CUSTODY
 SAMPLE LOG**

BATCH ID
2801834.00

Client Seattle Housing Authority
 Street 7500 Detroit Ave. SW
Seattle, WA 98126
 Project Manager Ms. Lorrie Harris
 Project Location Ross Manor
ceilings

NVL Batch Number _____
 Client Job Number 74676
 Total Samples 15
 Turn Around Time 1-Hr 8-Hrs 2 Days 5 Days
 2-Hrs 12-Hrs 3 Days 6-10 Day
 4-Hrs 24-Hrs 4 Days

Phone: (206) 716-1310 Fax: (206) 767-4350

Email address lharris@seattlehousing.org
 Cell: (206) 255-8364

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

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

Mold/Fungus Mold Air Mold Bulk Rotometer Calibration

METALS
 Total Metals Def. Limit Matrix
 TCLP FAA (ppm) Air Filter Soil
 ICP (ppm) Drinking water Paint Chips in %
 GFAA (ppt) Dust/wipe (Area) Paint Chips in cn

RCRA Metals All 8 Other Metals
 Arsenic (As) Chromium (Cr) All 3
 Barium (Ba) Lead (Pb) Copper (Cu)
 Cadmium (Cd) Mercury (Hg) Nickel (Ni)
 Zinc (Zn)

Other Types of Analysis Fiberglass Silica Nuisance Dust Respirable Dust Other (Specify) _____

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

Seq. #	Lab ID	Client Sample Number	Comments (e.g Sample are, Sample Volume, etc)	A/R
1		046TFASB 01	205 <u>LIVING ROOM</u>	
2		02	205 <u>Bedroom</u>	
3		03	305 <u>LIVING ROOM</u>	
4		04	305 <u>Bedroom</u>	
5		05	403 <u>LIVING ROOM</u>	
6		06	403 <u>Bedroom</u>	
7		07	405 <u>LIVING ROOM</u>	
8		08	405 <u>Bedroom</u>	
9		09	407 <u>LIVING ROOM</u>	
10		10	407 <u>Bedroom</u>	
11		11	503 <u>LIVING ROOM</u>	
12		12	503 <u>Bedroom</u>	
13		13	505 <u>LIVING ROOM</u>	
14		14	505 <u>Bedroom</u>	
15		15	601 <u>LIVING ROOM</u>	

	Print Below	Sign Below	Company	Date	Time
Sampled by	<u>Terry Fyre</u>	<u>[Signature]</u>	SHA	2/11/08	9:30 AM
Relinquished by	<u>Terry Fyre</u>	<u>[Signature]</u>	SHA	2/11/08	10:25 A.M.
Received by	<u>Corrin Haller</u>	<u>[Signature]</u>	NV	2/11/08	1025
Analyzed by	<u>Nadia</u>	<u>[Signature]</u>	NVL	2/12/08	12:15 PM
Results Called by					
Results Faxed by					

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

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

Bulk Asbestos Fibers Analysis

By Polarized Light Microscopy

Client: Seattle Housing Authority
Address: 7500 Detroit Ave. SW
Seattle, WA 98126Attention: Ms. Lorrie Harris
Project Location: Ross Manor
CeilingsBatch #: 2801834.00
Client Project #: 74676
Date Received: 02/11/2008
Samples Received: 15
Samples Analyzed: 15
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 paint

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

Lab ID: 28010770 **Client Sample #: 046TFASB02**

Location: Ross Manor

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

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

Lab ID: 28010771 **Client Sample #: 046TFASB03**

Location: Ross Manor

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

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

Lab ID: 28010772 **Client Sample #: 046TFASB04**

Location: Ross Manor

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

Non-Fibrous Materials:	Other Fibrous Materials: %	Asbestos Type: %
Calcareous particles, Binder/Filler, Synthetic foam	Cellulose <1%	None Detected ND
Paint		

Lab ID: 28010773 **Client Sample #: 046TFASB05**

Location: Ross Manor

Sampled by: Client

Analyzed by: Nadezhda Prisyazhnyuk

Date: 02/12/2008

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.

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Bulk Asbestos Fibers Analysis

By Polarized Light Microscopy

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

Batch #: 2801834.00

Client Project #: 74676

Date Received: 02/11/2008

Samples Received: 15

Samples Analyzed: 15

Method: EPA/600R-93/116

Attention: Ms. Lorrie Harris
 Project Location: Ross Manor
 Ceilings

Layer 1 of 1	Description: Off-white lumpy foamy material	Non-Fibrous Materials:	Other Fibrous Materials: %	Asbestos Type: %
	Calcereous particles, Binder/Filler, Synthetic foam		Spider silk 1%	None Detected ND

Lab ID: 28010774 **Client Sample #: 046TFASB06**
 Location: Ross Manor

Layer 1 of 1	Description: Off-white lumpy foamy material	Non-Fibrous Materials:	Other Fibrous Materials: %	Asbestos Type: %
	Calcereous particles, Binder/Filler, Synthetic foam		None Detected ND	None Detected ND

Lab ID: 28010775 **Client Sample #: 046TFASB07**
 Location: Ross Manor

Layer 1 of 1	Description: Off-white lumpy foamy material with paint	Non-Fibrous Materials:	Other Fibrous Materials: %	Asbestos Type: %
	Calcereous particles, Binder/Filler, Synthetic foam		None Detected ND	None Detected ND
	Paint			

Lab ID: 28010776 **Client Sample #: 046TFASB08**
 Location: Ross Manor

Layer 1 of 1	Description: Off-white lumpy foamy material with paint	Non-Fibrous Materials:	Other Fibrous Materials: %	Asbestos Type: %
	Calcereous particles, Binder/Filler, Synthetic foam		None Detected ND	None Detected ND
	Paint			

Lab ID: 28010777 **Client Sample #: 046TFASB09**
 Location: Ross Manor

Layer 1 of 1	Description: Off-white lumpy foamy material with paint	Non-Fibrous Materials:	Other Fibrous Materials: %	Asbestos Type: %
	Calcereous particles, Binder/Filler, Synthetic foam		None Detected ND	None Detected ND
	Paint			

Sampled by: Client

Analyzed by: Nadezhda Prisyazhnyuk

Date: 02/12/2008

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.

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Bulk Asbestos Fibers Analysis

By Polarized Light Microscopy

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

Batch #: 2801834.00

Client Project #: 74676

Date Received: 02/11/2008

Samples Received: 15

Samples Analyzed: 15

Method: EPA/600R-93/116

Attention: Ms. Lorrie Harris
 Project Location: Ross Manor
 Ceilings

Lab ID: 28010778 Client Sample #: 046TFASB10

Location: Ross Manor

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

Non-Fibrous Materials:	Other Fibrous Materials: %	Asbestos Type: %
Calcareous particles, Binder/Filler, Synthetic foam	None Detected ND	None Detected ND
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 ND

Lab ID: 28010780 Client Sample #: 046TFASB12

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 ND

Lab ID: 28010781 Client Sample #: 046TFASB13

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 ND

Lab ID: 28010782 Client Sample #: 046TFASB14

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 ND

Sampled by: Client

Analyzed by: Nadezhda Prysyzhnyuk

Date: 02/12/2008

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 in full, without written approval of NVL Laboratories, Inc. It shall not be used to claim product endorsement by NVLAP or any other agency of the US Government.

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

Bulk Asbestos Fibers Analysis

By Polarized Light Microscopy

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

Attention: Ms. Lorrie Harris
 Project Location: Ross Manor
 Ceilings

Batch #: 2801834.00
 Client Project #: 74676
 Date Received: 02/11/2008
 Samples Received: 15
 Samples Analyzed: 15
 Method: EPA/600R-93/116

Lab ID: 28010783 Client Sample #: 046TFASB15

Location: Ross Manor

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

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

Sampled by: Client

Analyzed by: Nadezhda Prysyzhnyuk

Date: 02/12/2008

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.

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Fax: 206.634.1936 1.888.NVL.LABS (685.5227)

CHAIN of CUSTODY SAMPLE LOG

BATCH ID
2801883.00

Client Seattle Housing Authority
Street 7500 Detroit Ave. SW
Seattle, WA 98126
Project Manager Ms. Lorrie Harris
Project Location Ross Manor
Ceilings

NVL Batch Number _____
Client Job Number 74676
Total Samples 5
Turn Around Time 1-Hr 8-Hrs 2 Days 5 Days
 2-Hrs 12-Hrs 3 Days 6-10 Day
 4-Hrs 24-Hrs 4 Days

Phone: (206) 716-1310 Fax: (206) 767-4350

Email address lharris@seattlehousing.org
Cell: (206) 255-8364

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

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

Mold/Fungus Mold Air Mold Bulk Rotometer Calibration

METALS
 Total Metals
 TCLP

Det Limit Matrix
 FAA (ppm) Air Filter Soil
 ICP (ppm) Drinking water Paint Chips in %
 GFAA (ppt) Dust/wipe (Area) Paint Chips in cr

RCRA Metals All 8
 Arsenic (As) Chromium (Cr)
 Barium (Ba) Lead (Pb)
 Cadmium (Cd) Mercury (Hg)

Other Metals All 3
 Copper (Cu)
 Nickel (Ni)
 Zinc (Zn)

Other Types of Analysis Fiberglass Silica Nuisance Dust Respirable Dust Other (Specify) _____

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

Seq. #	Lab ID	Client Sample Number	Comments (e.g Sample are, Sample Volume, etc)	AIR
1		046TE ASB 36	Bedroom UNIT #1105	
2		37	LIVING ROOM UNIT #1201	
3		38	Bedroom UNIT #1201	
4		39	LIVING ROOM UNIT #1205	
5		40	Bedroom UNIT #1205	
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				

	Print Below	Sign Below	Company	Date	Time
Sampled by	Terry Fure	<i>[Signature]</i>	SHA	2/12/08	10:30 A.M.
Relinquished by	Terry Fure	<i>[Signature]</i>	SHA	2/12/08	11:10 A.M.
Received by	Richard Rustie	<i>[Signature]</i>	NVL	2/12/08	11:10
Analyzed by	A. Papadopoulos	<i>[Signature]</i>	NVL	2/12/08	9:38 P.M.
Results Called by		<i>[Signature]</i>			
Results Faxed by					

Special Instructions: Unless requested in writing, all samples will be disposed of two (2) weeks after analysis.
PLEASE FAX RESULTS TO # ABOVE

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 www.nvllabs.com

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

Bulk Asbestos Fibers Analysis

By Polarized Light Microscopy

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

Batch #: 2801883.00
 Client Project #: 74676
 Date Received: 02/12/2008
 Samples Received: 5
 Samples Analyzed: 5
 Method: EPA/600R-93/116

Attention: Ms. Lorrie Harris
 Project Location: Ross Manor Ceilings

Lab ID: 28011032 Client Sample #: 046TF ASB 36
 Location: Ross Manor Ceilings

Layer 1 of 1	Description: Off-white lumpy foamy material with paint			
	Non-Fibrous Materials:	Other Fibrous Materials:%	Asbestos Type: %	
	Calcareous particles, Synthetic foam, Paint	None Detected ND	None Detected ND	

Lab ID: 28011033 Client Sample #: 046TF ASB 37
 Location: Ross Manor Ceilings

Layer 1 of 1	Description: Off-white lumpy foamy material with paint			
	Non-Fibrous Materials:	Other Fibrous Materials:%	Asbestos Type: %	
	Calcareous particles, Synthetic foam, Paint	None Detected ND	None Detected ND	

Lab ID: 28011034 Client Sample #: 046TF ASB 38
 Location: Ross Manor Ceilings

Layer 1 of 1	Description: Off-white lumpy foamy material			
	Non-Fibrous Materials:	Other Fibrous Materials:%	Asbestos Type: %	
	Calcareous particles, Synthetic foam	None Detected ND	None Detected ND	

Lab ID: 28011035 Client Sample #: 046TF ASB 39
 Location: Ross Manor Ceilings

Layer 1 of 1	Description: Off-white lumpy foamy material with paint			
	Non-Fibrous Materials:	Other Fibrous Materials:%	Asbestos Type: %	
	Calcareous particles, Synthetic foam, Paint	None Detected ND	None Detected ND	

Lab ID: 28011036 Client Sample #: 046TF ASB 40
 Location: Ross Manor Ceilings

Layer 1 of 1	Description: Off-white lumpy foamy material with paint			
	Non-Fibrous Materials:	Other Fibrous Materials:%	Asbestos Type: %	
	Calcareous particles, Synthetic foam, Paint	None Detected ND	None Detected ND	

Sampled by: Client

Analyzed by: Alla Prysyzhnyuk

Date: 02/12/2008

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.

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 Fax: 206.634.1936 1.888.NVL.LABS (685.5227)

**CHAIN of CUSTODY
 SAMPLE LOG**

BATCH ID
2801882.00

Client Seattle Housing Authority
 Street 7500 Detroit Ave. SW
Seattle, WA 98126
 Project Manager Ms. Lorrie Harris
 Project Location Ross Manor
ceilings

NVL Batch Number _____
 Client Job Number # 74676
 Total Samples 15
 Turn Around Time 1-Hr 8-Hrs 2 Days 5 Days
 2-Hrs 12-Hrs 3 Days 6-10 Day
 4-Hrs 24-Hrs 4 Days

Phone: (206) 716-1310 Fax: (206) 767-4350

Email address lharris@seattlehousing.org
 Cell: (206) 255-8364

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

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

Mold/Fungus Mold Air Mold Bulk Rotometer Calibration

METALS <input type="checkbox"/> Total Metals <input type="checkbox"/> TCLP	Det. Limit	Matrix	RCRA Metals	Other Metals
	<input type="checkbox"/> FAA (ppm) <input type="checkbox"/> ICP (ppm) <input type="checkbox"/> GFAA (ppl)	<input type="checkbox"/> Air Filter <input type="checkbox"/> Soil <input type="checkbox"/> Drinking water <input type="checkbox"/> Paint Chips in % <input type="checkbox"/> Dust/wipe (Area) <input type="checkbox"/> Paint Chips in cr	<input type="checkbox"/> Arsenic (As) <input type="checkbox"/> Chromium (Cr) <input type="checkbox"/> Barium (Ba) <input type="checkbox"/> Lead (Pb) <input type="checkbox"/> Cadmium (Cd) <input type="checkbox"/> Mercury (Hg)	<input type="checkbox"/> All 8 <input type="checkbox"/> All 3 <input type="checkbox"/> Copper (Cu) <input type="checkbox"/> Nickel (Ni) <input type="checkbox"/> Zinc (Zn)

Other Types of Analysis Fiberglass Silica Nuisance Dust Respirable Dust Other (Specify) _____

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

Seq. #	Lab ID	Client Sample Number	Comments (e.g Sample are, Sample Volume, etc)	AIR
1		046TEASB 21	LIVING ROOM UNIT #709	
2		22	Bedroom UNIT #709	
3		23	LIVING ROOM UNIT #805	
4		24	Bedroom UNIT #805	
5		25	LIVING ROOM UNIT #807	
6		26	Bedroom UNIT #807	
7		27	LIVING ROOM UNIT #903	
8		28	Bedroom UNIT #903	
9		29	LIVING ROOM UNIT #905	
10		30	Bedroom UNIT #905	
11		31	LIVING ROOM UNIT #1005	
12		32	Bedroom UNIT #1005	
13		33	LIVING ROOM UNIT #1009	
14		34	Bedroom UNIT #1009	
15		35	LIVING ROOM UNIT #1105	

	Print Below	Sign Below	Company	Date	Time
Sampled by	Terry Fyre	<i>[Signature]</i>	SHA	2/12/08	9:30 A.M.
Relinquished by	Terry Fyre	<i>[Signature]</i>	SHA	2/12/08	11:10 A.M.
Received by	Karla Blumie	<i>[Signature]</i>	NVL	2/12/08	11:10
Analyzed by	Nadia	<i>[Signature]</i>	NVL	2/13/08	10:50 AM
Results Called by					
Results Faxed by					

Special Instructions: Unless requested in writing, all samples will be disposed of two (2) weeks after analysis.
Please Fax Results to # 2066341936

NVL Laboratories, Inc.

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

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

Bulk Asbestos Fibers Analysis

By Polarized Light Microscopy

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

Batch #: 2801882.00

Client Project #: # 74676
 Date Received: 02/12/2008
 Samples Received: 15
 Samples Analyzed: 15
 Method: EPA/600R-93/116

Attention: Ms. Lorrie Harris
 Project Location: Ross Manor
 ceilings

Lab ID: 28011017 Client Sample #: 046TFASB21

Location: Ross Manor

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

Non-Fibrous Materials:	Other Fibrous Materials: %	Asbestos Type: %
Fine particles, Binder/Filler, Synthetic foam	None Detected ND	None Detected ND
Paint		

Lab ID: 28011018 Client Sample #: 046TFASB22

Location: Ross Manor

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

Non-Fibrous Materials:	Other Fibrous Materials: %	Asbestos Type: %
Fine particles, Binder/Filler, Synthetic foam	None Detected ND	None Detected ND
Paint		

Lab ID: 28011019 Client Sample #: 046TFASB23

Location: Ross Manor

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

Non-Fibrous Materials:	Other Fibrous Materials: %	Asbestos Type: %
Fine particles, Binder/Filler, Synthetic foam	None Detected ND	None Detected ND
Paint		

Lab ID: 28011020 Client Sample #: 046TFASB24

Location: Ross Manor

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

Non-Fibrous Materials:	Other Fibrous Materials: %	Asbestos Type: %
Fine particles, Binder/Filler, Synthetic foam	None Detected ND	None Detected ND
Paint		

Lab ID: 28011021 Client Sample #: 046TFASB25

Location: Ross Manor

Sampled by: Client

Analyzed by: Nadezhda Prysyzhnyuk

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.

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Bulk Asbestos Fibers Analysis

By Polarized Light Microscopy

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

Batch #: 2801882.00

Client Project #: # 74676

Date Received: 02/12/2008

Samples Received: 15

Samples Analyzed: 15

Method: EPA/600R-93/116

Attention: Ms. Lorrie Harris
 Project Location: Ross Manor
 ceilings

Layer 1 of 1	Description: Off-white lumpy foamy material with paint		
	Non-Fibrous Materials:	Other Fibrous Materials:%	Asbestos Type: %
	Fine particles, Binder/Filler, Synthetic foam	Cellulose <1%	None Detected ND
	Paint		

Lab ID: 28011022 Client Sample #: 046TFASB26

Location: Ross Manor

Layer 1 of 1	Description: Off-white lumpy foamy material with paint		
	Non-Fibrous Materials:	Other Fibrous Materials:%	Asbestos Type: %
	Fine particles, Binder/Filler, Synthetic foam	Cellulose <1%	None Detected ND
	Paint		

Lab ID: 28011023 Client Sample #: 046TFASB27

Location: Ross Manor

Layer 1 of 1	Description: Off-white lumpy foamy material with paint		
	Non-Fibrous Materials:	Other Fibrous Materials:%	Asbestos Type: %
	Fine particles, Binder/Filler, Synthetic foam	None Detected ND	None Detected ND
	Paint		

Lab ID: 28011024 Client Sample #: 046TFASB28

Location: Ross Manor

Layer 1 of 1	Description: Off-white lumpy foamy material with paint		
	Non-Fibrous Materials:	Other Fibrous Materials:%	Asbestos Type: %
	Fine particles, Binder/Filler, Synthetic foam	None Detected ND	None Detected ND
	Paint		

Lab ID: 28011025 Client Sample #: 046TFASB29

Location: Ross Manor

Sampled by: Client

Analyzed by: Nadezhda Prisyazhnyuk

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.

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Bulk Asbestos Fibers Analysis

By Polarized Light Microscopy

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

Batch #: 2801882.00

Client Project #: # 74676

Date Received: 02/12/2008

Samples Received: 15

Samples Analyzed: 15

Method: EPA/600R-93/116

Attention: Ms. Lorrie Harris
 Project Location: Ross Manor
 ceilings

Layer 1 of 1	Description: Off-white lumpy foamy material			
	Non-Fibrous Materials:	Other Fibrous Materials:%	Asbestos Type: %	
	Fine particles, Binder/Filler, Synthetic foam	None Detected ND	None Detected ND	

Lab ID: 28011026 **Client Sample #: 046TFASB30**
 Location: Ross Manor

Layer 1 of 1	Description: Off-white lumpy foamy material			
	Non-Fibrous Materials:	Other Fibrous Materials:%	Asbestos Type: %	
	Fine particles, Binder/Filler, Synthetic foam	None Detected ND	None Detected ND	

Lab ID: 28011027 **Client Sample #: 046TFASB31**
 Location: Ross Manor

Layer 1 of 1	Description: Off-white lumpy foamy material with paint			
	Non-Fibrous Materials:	Other Fibrous Materials:%	Asbestos Type: %	
	Fine particles, Binder/Filler, Synthetic foam	None Detected ND	None Detected ND	
	Paint			

Lab ID: 28011028 **Client Sample #: 046TFASB32**
 Location: Ross Manor

Layer 1 of 1	Description: Off-white lumpy foamy material with paint			
	Non-Fibrous Materials:	Other Fibrous Materials:%	Asbestos Type: %	
	Fine particles, Binder/Filler, Synthetic foam	None Detected ND	None Detected ND	
	Paint			

Lab ID: 28011029 **Client Sample #: 046TFASB33**
 Location: Ross Manor

Layer 1 of 1	Description: Off-white lumpy foamy material with paint			
	Non-Fibrous Materials:	Other Fibrous Materials:%	Asbestos Type: %	
	Fine particles, Binder/Filler, Synthetic foam	None Detected ND	None Detected ND	
	Paint			

Sampled by: Client

Analyzed by: Nadezhda Prisyazhnyuk

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.

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Bulk Asbestos Fibers Analysis

By Polarized Light Microscopy

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

Batch #: 2801882.00

Client Project #: # 74676

Date Received: 02/12/2008

Samples Received: 15

Samples Analyzed: 15

Method: EPA/600R-93/116

Attention: Ms. Lorrie Harris

Project Location: Ross Manor
 ceilings

Lab ID: 28011030**Client Sample #: 046TFASB34**

Location: Ross Manor

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

Non-Fibrous Materials:

Other Fibrous Materials: %

Asbestos Type: %

Fine particles, Binder/Filler, Synthetic foam

None Detected ND

None Detected ND

Paint

Lab ID: 28011031**Client Sample #: 046TFASB35**

Location: Ross Manor

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

Non-Fibrous Materials:

Other Fibrous Materials: %

Asbestos Type: %

Fine particles, Binder/Filler, Synthetic foam

None Detected ND

None Detected ND

Paint

Sampled by: Client**Analyzed by: Nadezhda Prysyzhnyuk****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.

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 Fax: 206.634.1936 1.888.NVL.LABS (685.5227)

**CHAIN of CUSTODY
 SAMPLE LOG**

BATCH ID
2801830.00

Client Seattle Housing Authority
 Street 7500 Detroit Ave. SW
Seattle, WA 98126
 Project Manager Ms. Lorrie Harris
 Project Location Ross Manor
ceilings

NVL Batch Number _____
 Client Job Number 74676
 Total Samples 5
 Turn Around Time 1-Hr 8-Hrs 2 Days 5 Days
 2-Hrs 12-Hrs 3 Days 6-10 Day
 4-Hrs 24-Hrs 4 Days

Phone: (206) 716-1310 Fax: (206) 767-4350

Email address lharris@seattlehousing.org
 Cell: (206) 255-8364

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

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

Mold/Fungus Mold Air Mold Bulk Rotometer Calibration

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

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

Seq. #	Lab ID	Client Sample Number	Comments (e.g Sample are, Sample Volume, etc)	AIR
1		0467FASB 16	601 BEDROOM	
2		17	605 LIVING ROOM	
3		18	605 BEDROOM	
4		19	705 LIVING ROOM	
5		20	705 Bedroom	
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				

	Print Below	Sign Below	Company	Date	Time
Sampled by	Terry Eyer	[Signature]	SHA	2/11/08	9:30 AM
Relinquished by	[Signature]	[Signature]	SHA	2/11/08	10:25 A.M.
Received by	Colleen Haller	[Signature]	NVL	2/11/08	10:25
Analyzed by	A. [Signature]	[Signature]	NVL	2/12/08	4:40 PM
Results Called by					
Results Faxed by					

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

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Bulk Asbestos Fibers Analysis

By Polarized Light Microscopy

Client: Seattle Housing Authority
Address: 7500 Detroit Ave. SW
Seattle, WA 98126**Batch #: 2801830.00**

Client Project #: 74676

Date Received: 02/11/2008

Samples Received: 5

Samples Analyzed: 5

Method: EPA/600R-93/116

Attention: Ms. Lorrie Harris
Project Location: Ross Manor Ceilings**Lab ID: 28010753 Client Sample #: 046TFASB 16**

Location: Ross Manor Ceilings

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

Non-Fibrous Materials:

Other Fibrous Materials:%

Asbestos Type: %

Calcareous particles, Paint, Synthetic foam

None Detected ND

None Detected ND

Lab ID: 28010754 Client Sample #: 046TFASB 17

Location: Ross Manor Ceilings

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

Non-Fibrous Materials:

Other Fibrous Materials:%

Asbestos Type: %

Calcareous particles, Paint, Synthetic foam

Cellulose 1%

None Detected ND

Lab ID: 28010755 Client Sample #: 046TFASB 18

Location: Ross Manor Ceilings

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

Non-Fibrous Materials:

Other Fibrous Materials:%

Asbestos Type: %

Calcareous particles, Paint, Synthetic foam

Cellulose <1%

None Detected ND

Lab ID: 28010756 Client Sample #: 046TFASB 19

Location: Ross Manor Ceilings

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

Non-Fibrous Materials:

Other Fibrous Materials:%

Asbestos Type: %

Calcareous particles, Paint, Synthetic foam

None Detected ND

None Detected ND

Lab ID: 28010757 Client Sample #: 046TFASB 20

Location: Ross Manor Ceilings

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

Non-Fibrous Materials:

Other Fibrous Materials:%

Asbestos Type: %

Calcareous particles, Paint, Synthetic foam

None Detected ND

None Detected ND

Sampled by: Client**Analyzed by: Alla Prysyzhnyuk****Date: 02/12/2008****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.

AA PAINT CHIP SAMPLE INVENTORY

<u>PBS Sample #</u>	<u>Paint Color / Component or Substrate</u>	<u>Sample Location</u>	<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.

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Tel: 206.547.0100, Fax: 206.634.1936
www.nvllabs.com



Analysis Report

AIHA - IH # 101861
WA - DOE # C1765

Total Lead (Pb)

Client: PBS Environmental (Seattle)
Address: 130 Nickerson St Suite 107
Seattle, WA 98109

Batch #: 2706048.00

Matrix: Paint Chips

Method: EPA 7000B

Client Project #: 40654.023

Date Received: 04/12/2007

Samples Received: 2

Samples Analyzed: 2

Attention: Mr. Chuck Greeb

Project Location: Ross Manor

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

DRAFT

mg/ Kg =Milligrams per kilogram

Percent = Milligrams per kilogram / 10000

Note : Method QC results are acceptable unless stated otherwise.

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

RL = Reporting Limit

'<' = Below the reporting Limit



BATCH ID
2706048.00

Project: Ross Manor

Project #: 40654.023

Analysis requested: FAA

Date: 4/3/07

Relinq'd by/Signature: Chuck Greb

Date/Time: 4/12/07 1445

Received by/Signature: [Signature]

Date/Time: 4-12-07 1445

Fax results to:

- | | | |
|---|--|---|
| <input type="checkbox"/> Brian Stanford | <input type="checkbox"/> Prudy Stoudt-McRae | <input type="checkbox"/> Harry Goren |
| <input type="checkbox"/> Ernest Edwards | <input checked="" type="checkbox"/> Chuck Greb | <input checked="" type="checkbox"/> Tim Ogden |
| <input type="checkbox"/> Gregg Middaugh | <input type="checkbox"/> Janet Murphy | <input type="checkbox"/> Mike Smith |
| <input type="checkbox"/> Mark Hiley | <input type="checkbox"/> Willem Mager | <input type="checkbox"/> Other _____ |

TURN AROUND TIME:

- | | | |
|----------------------------------|-----------------------------------|--|
| <input type="checkbox"/> 1 Hour | <input type="checkbox"/> 24 Hours | <input checked="" type="checkbox"/> 3-5 Days |
| <input type="checkbox"/> 2 Hours | <input type="checkbox"/> 48 Hours | <input type="checkbox"/> Other _____ |
| <input type="checkbox"/> 4 Hours | | |

please email results

BULK SAMPLE DATA FORM				
Lab #	Sample #	Material	Location	Lab
	L01	white / CMU / wall	8th fl. stairwell	
	L02	black / brick wall	elev. mach. Rm., Roof	



Prezant

Prezant Associates, Inc.
711 6th Ave. N. Seattle, WA
(206)281-8858 fax (206)281-8922

Lead Sample Data Sheet

Page ___ of ___

NOTE: This form is not for air samples

PAI Project # _____
PAI Department # _____
PAI Project Mngr. _____
Client Job # _____

Location 046 ROSS MANOR Date: 2.23.96.
1420 WESTERN AVE

Client SHA Client contact _____

Contractor _____ Contractor contact _____

Sampled by Chase/Harris Method Paint chip

Analyzed by (lab name) _____

Contaminant (list) _____

Sample ID # 022396JC
LBO4

Sample Type

Coating

Dust TCLP

Soil Water

Sample Location Description _____
LBO4 HALLWAY

Laboratory Results
<57

Required Sample Volumes:
Coatings: Approx. two teaspoons Soil: 100ml
Dust: One square foot of surface TCLP: Solid material, 200 grams
Water: 100ml Liquid, 1 liter

Sample ID # _____

Sample Type

Coating

Dust TCLP

Soil Water

Sample Location Description _____

Laboratory Results

Required Sample Volumes:
Coatings: Approx. two teaspoons Soil: 100ml
Dust: One square foot of surface TCLP: Solid material, 200 grams
Water: 100ml Liquid, 1 liter

Sample ID # _____

Sample Type

Coating

Dust TCLP

Soil Water

Sample Location Description _____

Laboratory Results

Required Sample Volumes:
Coatings: Approx. two teaspoons Soil: 100ml
Dust: One square foot of surface TCLP: Solid material, 200 grams
Water: 100ml Liquid, 1 liter

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

SAMPLE LOG/CHAIN OF CUSTODY

Client Company Seattle Housing Authority PAI Batch Number 96 - 0503

Client Address 4500 MLK Way South Community I.D. / Building I.D. Ps. 76244

Seattle WA 98108
city state zip Number of Samples 1

RESULTS ATTENTION TO: Jerry - Lorrie

Phone 615-3532 - 615-3530

Fax 615-3537

Building Address 1420 Western Ave.
046 Ross Manor ~~Unit B~~

TYPE OF ANALYSIS			
ASBESTOS		LEAD	
<input type="checkbox"/> PLM (bulk)	<input type="checkbox"/> PCM (air)	<input checked="" type="checkbox"/> Paint Chips	<input type="checkbox"/> Soil
<input type="checkbox"/> PLM (bulk)	<input type="checkbox"/> PCM (air)	<input type="checkbox"/> Dust/wipe	<input type="checkbox"/> Air
		<input type="checkbox"/> TCLP	<input type="checkbox"/> Water

OTHER (specify) _____

TURN AROUND TIME	
<input checked="" type="checkbox"/> Regular	<input type="checkbox"/> RUSH Hours <u>72 hr.</u>

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

PRICE PER SAMPLE \$25-

Seq. #	Lab ID	Sample ID	A/R	Seq. #	Lab ID	Sample ID	A/R
1		022396JCLB04	A	11			
2				12			
3				13			
4				14			
5				15			
6				16			
7				17			
8				18			
9				19			
10				20			

	SIGNATURE	DATE	TIME
Sampled By:	<i>Chase / Harris</i>	2.23.96	2 PM
Delivered By:	<i>Chase / Harris</i>	2.23.96	9:35
Received By:	<i>[Signature]</i>	2/26/96	9:35 AM
Analyzed By:			
Results called in by:			
Results Faxed by:			

SPECIAL INSTRUCTIONS:
Results by 9:30 AM - Thursday, 2/29/96

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

Certificate of Completion

This is to certify that
Chuck Greeb
has satisfactorily completed
4 hours of refresher training as an
Asbestos Building Inspector
to comply with the training requirements of
TSCA Title III / 40 CFR 763 (AHERA)

Certificate Number: 1024904

J. Plank
Instructor

EPA Provider Cert. Number: 1085



SAFETY • TRAINING • INDUSTRIAL HYGIENE

Jan 3, 2007

Date(s) of Training

Exam Score: NA

Expiration Date: Jan 3, 2008

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Certificate of Completion

This is to certify that
Chuck Greeb
has satisfactorily completed
4 hours of refresher training as an
Asbestos Building Inspector
to comply with the training requirements of
TSCA Title III / 40 CFR 763 (AHCRA)

Certificate Number: 10270074


Instructor

EPA Provider Cert. Number: 1085



Jan 2, 2008

Date(s) of Training

Exam Score: NA

Expiration Date: Jan 1, 2009

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

Certificate of Completion

This is to certify that
Timothy J. Ogden
has satisfactorily completed
4 hours of refresher training as an
Asbestos Building Inspector
to comply with the training requirements of
OSHA Title III / 40 CFR 763 (AHERA)

Certificate Number: 1025141

JR Planke
Instructor

EPA Provider Cert. Number: 1085

ARGUS PACIFIC
SAFETY • TRAINING • INDUSTRIAL HYGIENE

Jan 24, 2007

Date(s) of Training

Exam Score: NA

Expiration Date: Jan 24, 2008

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

Certificate of Completion

This is to certify that
Tim Ogden
has satisfactorily completed
4 hours of refresher training as an
Asbestos Building Inspector
to comply with the training requirements of
OSHA Title III / 40 CFR 763 (ABEBA)

Certificate Number: 1027703


Instructor

EPA Provider Cert. Number: 1085



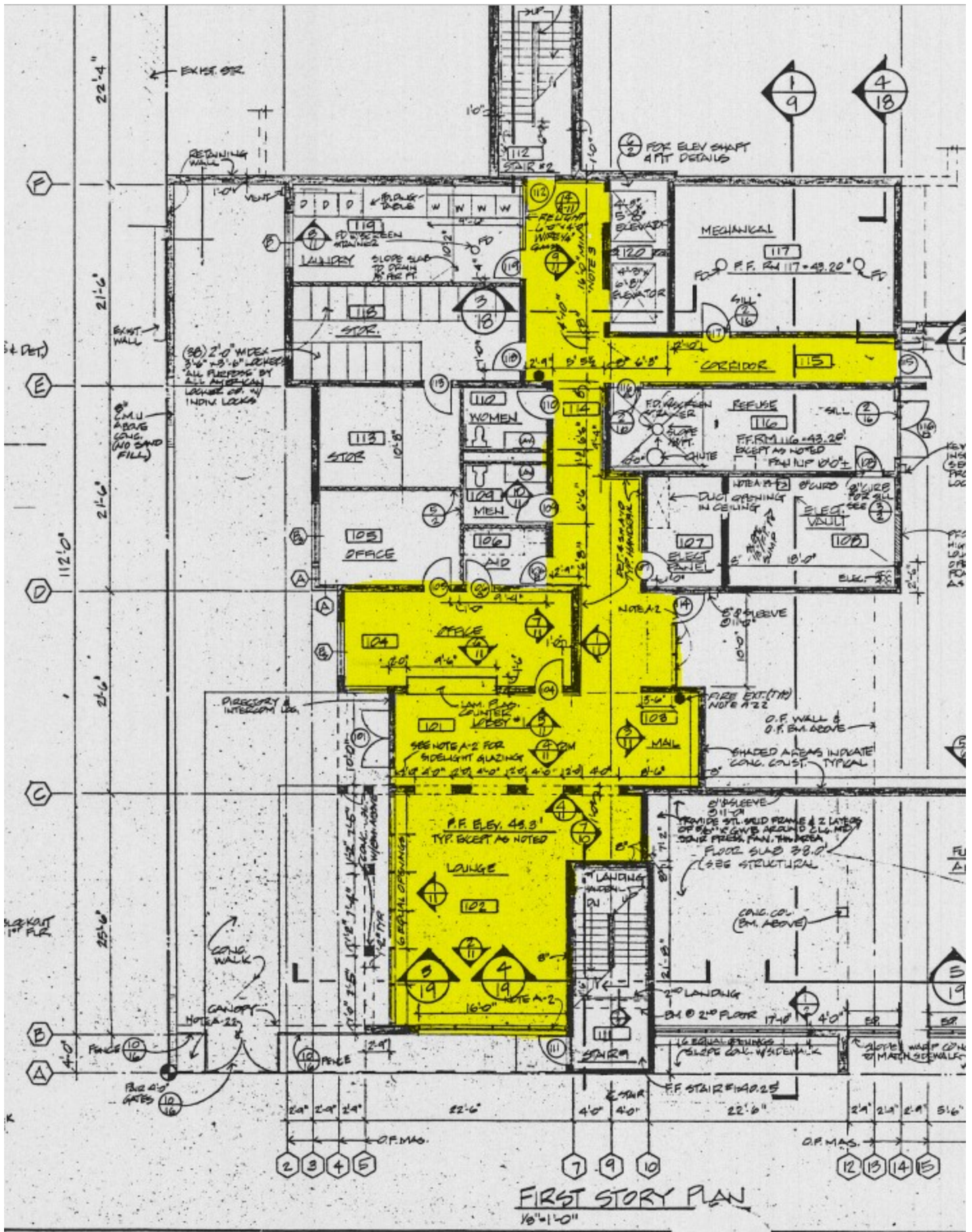
Jan 30, 2008

Date(s) of Training

Exam Score: NA

Expiration Date: Jan 29, 2009

Argus Pacific, Inc • 1900 W. Nickerson, Suite 315 • Seattle, Washington • 98119 • (206) 285 3373 • fax (206) 285 3927



FIRST STORY PLAN
 16'-0" x 10'-0"

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: Occupational Exposure to Asbestos (29 CFR Parts 1910 and 1926)
29 CFR 1910-1001 Occupational Safety and Health Act (OSHA): General Industry Standard
29 CFR 1910-134 Respiratory Protection Standard

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 |
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 #5772 Attachment B.4**

**REGULATORY REQUIREMENTS MATERIALS
Abatement and Demolition**

PART 4 PRODUCTS
Not used.

PART 5 EXECUTION
Not used.

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

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

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

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

The agency employee benefit program has been determined by HUD to be acceptable for meeting the prevailing fringe benefit requirements.

(HUD Labor Relations: If applicable, check box and initial below.)

 LR Staff Initial

	FOR HUD USE ONLY LR2000: Log in: Log out:
--	--

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

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 "Owner," and _____, hereinafter referred to as the "Contractor." The Contractor and the Owner agree as follows:

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

- The Contractor's response to the Request for Bids (by 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: _____

Date

By: _____

Mike Tarantino
Interim Deputy Director of
Procurement and Contracts

Date



VENDOR FACT SHEET

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

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

Substitute IRS Form W-9 Certification:

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

SIGN HERE →	Signature of U.S. Person	Date
--------------------	--------------------------	------

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

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

SIGN BELOW:

Signature of Authorized Representative of Vendor:	Date:
---	-------

By signing immediately above, the Vendor hereby represents the following:

- 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;
- 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.

To obtain a copy of the General Terms and Conditions, call (206) 615-3379 or visit our Web site at https://www.seattlehousing.org/sites/default/files/Purchase_Orders_Terms_Conditions.pdf

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: <https://www.sam.gov/portal/SAM> 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 e-payables program. Payments will be made electronically through a virtual Visa credit card. Benefits for using this method include reduced labor costs associated with the processing of checks and enhancing cash flow by eliminating float time associated with the mailing of checks. To learn more about the program, please click here or copy and paste the following URL into your browser: www.bankofamerica.com/epayablesvendors. 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.

- **WMBE:** Minority and women-owned business enterprises must either be self-identified or certified by, the Washington State Office of Women’s and Minority Business Enterprises (OMWBE) to be at least fifty-one percent owned by women and/or minority group members.
- **Small Business:** A small business means a business concern, including its affiliates, that is independently owned and operated, not an affiliate or subsidiary of a business dominant in its field of operation, and qualified as a small business under the criteria and size standards in 13 CFR 121. Furthermore, a business is considered small according to the Small Business Administration’s established guidelines provided to such businesses.
- **HUD Section 3 Business:** A business that 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 created the Quarterly/Annual Reporting Form for all contractors and consultants to use for this quarterly and/or annual report.

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

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

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

Definitions:

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

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

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

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

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

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

The Housing Authority of the City of Seattle

Section 3 Income Limits

Eligibility Guidelines

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

Individual Income Limits for King, Snohomish, and Pierce Counties FY 2022

Income Limits Category	FY 2022		
	King County	Snohomish County	Pierce County
Extremely Low Income Limits (30%)	\$27,200	\$27,200	\$21,350
Very Low Income Limits (50%)	\$45,300	\$45,300	\$35,550
Low Income Limits (80%)	\$66,750	\$66,750	\$56,850

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

Section 3 Worker Definition:

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

Targeted Section 3 Worker Definition:

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

SEATTLE HOUSING AUTHORITY

Section 3 Business Concern Certification for Contracting

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

Business Information

Name of Business: _____

Address of Business: _____

Name of Business Owner: _____

Phone Number of Business Owner: _____

Email Address of Business Owner: _____

Preferred Contact Information

Same as above

Name of Preferred Contact: _____

Phone Number of Preferred Contact: _____

Type of Business (select from the following options):

Corporation Partnership Sole Proprietorship

Limited Liability Company Other (*please specify*) _____

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

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

YES NO

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

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

This form must be completed and submitted quarterly for 2023

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:

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

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

Submitted By:

Name	Title	Date
------	-------	------

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

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

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

The federal websites to verify eligibility include: <https://www.sam.gov/portal/public/SAM/> and http://portal.hud.gov/hudportal/HUD?src=/topics/limited_denials_of_participation.

[Add this section if Suspension and Debarment Compliance Certificate for the Sub-Contractors or Sub-Consultants 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	Title	Date

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

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

Please contact Diana Peterson at 206-615-3470 or by e-mail at diana.peterson@seattlehousing.org if you have any questions regarding compliance with this requirement.

For-Profit Subgrantee and Contractor Certifications and Assurances

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

The parties who must sign a “Certifications and Assurances” form are defined below:

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

.....

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

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

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

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

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

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

Return this form to:

Seattle Housing Authority
 Attn: , 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 (05/08/2023) 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 Name

Signature of Authorized Official*

Printed Name

Title

Date

City

State

Check One:

Sole Proprietorship Partnership Joint Venture Corporation

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

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

5772 Attachment E.5

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

NON-COLLUSIVE AFFIDAVIT

State of Washington)ss
County of King)

_____ who is a _____
of the firm of _____

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

BIDDER
(if individual)

PARTNER
(if partnership)

OFFICER
(if corporation)

Subscribed and sworn to before me

this _____ day of _____, 20_____.

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

My commission expires _____, 20_____.