INFORMAL BID
2023-044

Kitsap County Parks Department

Demolition of Houses and Removal of Materials located at 4 Properties within Kitsap County Park Facilities located at:

- **5248 Long Lake Road, Port Orchard, Washington (Long Lake),**
- **7601 Tracyton Boulevard NW, Bremerton, Washington (Anna Smith),**
- **1200 Fairgrounds Road Northwest, Bremerton, Washington (Log Cabin at Fairgrounds)**
- **8422 Miami Beach Drive, Seabeck, Washington (Nick's Lagoon).**

Due to the locations of the various deconstruction work a Prebid Site Visit will not be conducted by Kitsap County Staff. Bidders are encouraged to visit each site to access the work to be done. A detailed account of the internal condition and contents has been provided in this document.

SCHEDULE OF EVENTS

The following is County's best estimate of the schedule of events. The schedule is subject to change as deemed necessary by the County.

ITEM	DUE DATE, TIME, AND LOCATION
Issuance of Request for Proposal	Tuesday September 19, 2023
Written Questions Due	Thursday October 3, 2023, Time: 2:00 pm (Pacific Time)
Addendum Issued	Tuesday October 10, 2023, Time: 2:00 pm (Pacific Time)
Proposal Due Date	Tuesday October 24, 2023, Time: 2:00 pm (Pacific Time)

PROJECT DESCRIPTION

Kitsap County Parks (the County) is seeking bids from qualified contractors to demolish and dispose of the building structures, asbestos containing materials and any associated infrastructure at the properties identified above. Regulated materials have already been removed from those structures that contained asbestos and other Washington State regulated materials. Reports for this work have been included within this informal bid package, Attachment A. The contractor is expected to apply for and obtain any relevant permits as it pertains to disconnecting/capping water, power and/or septic system connections/abandonment.

SCOPE OF WORK

The Contractor shall provide all labor, equipment, and materials to demolish and dispose of the existing building structures. The Contractor shall be responsible for hauling away all materials/debris associated with the demolition, restoring the property to grade with dirt, and installing, maintaining and removing erosion and water pollution control measures as required by the permit(s). All utilities will be disconnected prior to commencing work at these sites, but the County needs help with permitting and decommissioning the septic systems associated with both Nick's Lagoon and the Long Lake sites. Asbestos and other regulated materials have been formally removed and disposed of already and it's not included within the RFP.

Work includes obtaining any Department of Health permits, approvals pertaining to the removal of the onsite septic systems that are located at both Nick's Lagoon and Long Lake, associated with the structures identified for demolition. Kitsap County Demolition permits have been applied for, approved and are included within this informal bid for reference.

Asbestos Reports have been obtained for all properties (included herein) in which regulated materials were present, except at Anna Smith, where no asbestos is present. All structures that had regulated materials have been cleaned and are ready for demolition.

The County is requiring a final inspection (with the Operations Superintendent) of the properties to assure all materials have been removed, utilities services capped or removed (if warranted), and the properties are to grade. The Contractor shall be responsible for installing temporary silt and erosion control as needed or required by the County's Building Department, as well as final stabilization of the areas disturbed.

Work must be done with minimal disruption to surrounding properties, Monday through Friday between the hours of 8:00 a.m. to 5:00 p.m.

QUESTIONS

Additional questions regarding this solicitation and/or the scope of work must be submitted *in writing via email to:*

Glen McNeill Kitsap County
Administrative Services Department
Purchasing@kitsap.gov

Responses to all questions received via email will be published as an Addendum to this solicitation on or before Monday September 18, 2023. and posted on the County's website (https://spf.kitsapgov.com/das/Pages/Online-Bids.aspx). Failure to request clarification of any inadequacy, omission, or conflict will not relieve the vendor of any responsibilities under this solicitation or any subsequent contract. It is the responsibility of the interested vendor to assure that they received responses to questions if any are

issued.

NOTICE TO CONTRACTORS

All work shall be in accordance with the plans, specifications, and other contract documents as administered by the Kitsap County Project Manager or their designee. Contractors for this project must comply with all applicable government and local agency requirements, including the Davis Bacon Act or Washington State Prevailing Wage Rate Laws, whichever is higher.

Workers of all contractors, subcontractors, and lower tier subcontractors on all County public work projects, as the term public works is defined by Revised Code of Washington (RCW) 39.040.010, shall be paid the “prevailing rate of wage” including “usual benefits” in kind and not by a cash payment in lieu of such usual benefits, as those terms are defined by Chapter 39.12 RCW.

The successful contractor is responsible for obtaining and completing all required government forms and submitting them to the proper authorities with a copy to the County. Proposers must be a licensed contractor, submit a photocopy of their valid Washington State Contractor’s Registration, and a copy of their current Certificate of Liability Insurance.

Per RCW 39.04.350; RCW 39.06.020, contractors are required to have prevailing wage project experience or completed contractor training through Washington State Department of Labor & Industries (L&I) to bid on public works projects. Contractors are exempt from this training requirement if the company has been in business with an active Unified Business Identifier (UBI) number for 3 or more years **AND** have performed work and submitted all required L&I documents on 3 or more public works projects. For information on contractor training or to verify contractor status, contact L&I (https://secure.lni.wa.gov/home/).

All bid proposals shall be accompanied by a bid bond deposit of 5% of the total bid to be received in the form of a surety bond, certified check, or cashier’s check. Should the successful bidder fail to enter into such contract and furnish a "performance bond" meeting necessary requirements within the time of contract signing the bid bond deposit shall be forfeited.

For contracts of one hundred fifty thousand dollars or less, at the option of the contractor the County may, in lieu of the performance bond, retain fifty percent (50%) of the contract amount for a period of thirty (30) calendar days after date of final acceptance, or until receipt of all necessary releases from the Washington State Department of Revenue and Department of Labor and Industries and settlement of any liens. See RCW 39.08.010.

Contract Bonding Options:

_____ Surety Bond (Performance Bond)
_____ Retain 50% of Contract Amount per RCW 39.08.010

SUBMITTAL REQUIREMENTS

- County Bid Sheet(s)
- Certificate of Compliance with Wage Payment Statutes
- Certificate of Contractor's Registration
- Certificate of Liability Insurance

Each bid proposal shall be completely sealed in a separate envelope, properly addressed as stated above, with the name and address of the bidder and the name of the project plainly written on the outside of the envelope.

Questions regarding the bid process should be directed to Glen McNeill, Purchasing Supervisor, at 360.337.4789 or purchasing@co.kitsap.wa.us

PROPOSAL SUBMITTAL

Prospective bidders are hereby notified that they are solely responsible for ensuring timely delivery of their bid to the Kitsap County Purchasing office on or before the bid opening date and time.

Bids must be submitted separately. The bid number, the date and time of the response deadline, and the name and address of the respondent shall be clearly shown on the outside of the envelope. Bids received after the specified date and time will automatically be rejected and will not receive any further consideration. faxed or e-mailed bids will not be accepted.

Bidders are welcome to bid all houses or individually. Bid sheets have been provided for each location.

Please submit by mail to:
Glen McNeill, Buyer
Kitsap County Purchasing Office
614 Division Street, MS-7
Port Orchard, WA 98366

OR

For hand deliver, express, or courier:
Glen McNeill, Buyer
Kitsap County Administration Building
Purchasing Office – Fourth Floor
619 Division Street
Port Orchard, WA 98366

All costs for bid preparation incurred by the proposer, whether or not they lead to execution of a contract and agreement with Kitsap County, must be borne entirely and exclusively by the proposer.

Kitsap County reserves the right to reject any or all responses for good cause, to waive any informality in any response, and to delete certain items listed in the informal bid as set herein.

Respondents are advised that all bids will likely be rejected if the lowest, responsible bid

received exceeds the user department's budget. In the event all bids are rejected for this reason, this project will be deferred for re-advertising until a more competitive situation exists, or until the department's requirements are reduced.

INFORMAL BID 2023-
044 BID SHEET

Demolition of House and Removal of Materials located at 5248 Long Lake Road, Port Orchard, Washington (Long Lake).

The undersigned Contractor proposes to provide all labor, material, equipment, reports, permits, and filing fees for the project scope of work.

ITEM	PRICE
Labor, Material, and Equipment	
Asbestos Reports	N/A, Completed
Permits and Filing Fees	
Sales Tax (will vary by location)	
Total Cost	

This bid is made in accordance with the published description of work and warrants, receipt of which is hereby acknowledged, and is offered in accordance with Invitation for Bid authority by the Kitsap County Purchasing Office.

Bidder	**Contact Person**
Company Name (Print)	Name (Print)
Company Address	Signature
City, State Zip Code	Title
Phone	Email
Company Tax ID Number	Date

INFORMAL BID 2023-044 BID SHEET

7601 Tracyton Boulevard NW, Bremerton, Washington (Anna Smith).

The undersigned Contractor proposes to provide all labor, material, equipment, reports, permits, and filing fees for the project scope of work.

ITEM	PRICE
Labor, Material, and Equipment	
Asbestos Reports	N/A, Completed
Permits and Filing Fees	
Sales Tax (will vary by location)	
Total Cost	

This bid is made in accordance with the published description of work and warrants, receipt of which is hereby acknowledged, and is offered in accordance with Invitation for Bid authority by the Kitsap County Purchasing Office.

Bidder	**Contact Person**
Company Name (Print)	Name (Print)
Company Address	Signature
City, State Zip Code	Title
Phone	Email
Company Tax ID Number	Date

INFORMAL BID 2023-
044 BID SHEET

1200 Fairgrounds Road Northwest, Bremerton, Washington.

The undersigned Contractor proposes to provide all labor, material, equipment, reports, permits, and filing fees for the project scope of work.

ITEM	PRICE
Labor, Material, and Equipment	
Asbestos Reports	N/A, Completed
Permits and Filing Fees	
Sales Tax (will vary by location)	
Total Cost	

This bid is made in accordance with the published description of work and warrants, receipt of which is hereby acknowledged, and is offered in accordance with Invitation for Bid authority by the Kitsap County Purchasing Office.

Bidder	**Contact Person**
Company Name (Print)	Name (Print)
Company Address	Signature
City, State Zip Code	Title
Phone	Email
Company Tax ID Number	Date

INFORMAL BID 2023-
044 BID SHEET

8422 Miami Beach Drive, Seabeck, Washington (Nick's Lagoon).

The undersigned Contractor proposes to provide all labor, material, equipment, reports, permits, and filing fees for the project scope of work.

ITEM	PRICE
Labor, Material, and Equipment	
Asbestos Reports	N/A, Completed
Permits and Filing Fees	
Sales Tax (will vary by location)	
Total Cost	

This bid is made in accordance with the published description of work and warrants, receipt of which is hereby acknowledged, and is offered in accordance with Invitation for Bid authority by the Kitsap County Purchasing Office.

Bidder	**Contact Person**
Company Name (Print)	Name (Print)
Company Address	Signature
City, State Zip Code	Title
Phone	Email
Company Tax ID Number	Date

ADDENDA RECEIPT

Receipt of the following addenda to the subject solicitation documents is hereby acknowledged:

Addendum Number	Date of Receipt of Addendum	Signed Acknowledgement

CERTIFICATION OF COMPLIANCE WITH WAGE PAYMENT STATUTES

The bidder hereby certifies that within the three-year period immediately preceding the bid solicitation date ( ), the bidder is not a "willful" violator, as defined in RCW 49.48.082, of any provision of chapters 49.46, 49.48, or 49.52 RCW, as determined by a final and binding citation and notice of assessment issued by the Department of Labor and Industries or through a civil judgment entered by a court of limited or general jurisdiction.

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 (Print)

Signature of Authorized Official*

Name (Print)

Title

Date

City, State

Check One:

Sole Proprietorship ☐ Partnership ☐ Joint Venture ☐ Corporation ☐

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

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

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

ATTACHMENT A

Demolition of Houses and Removal of Materials located at

**Properties are located at 5248 Long Lake Road, Port Orchard, Washington (Long Lake), 7601 Tracyton Boulevard NW, Bremerton, Washington (Anna Smith), 1200 Fairgrounds Road Northwest, Bremerton, Washington (Log Cabin at Fairgrounds), and 8422 Miami Beach Drive, Seabeck, Washington (Nick's Lagoon)*

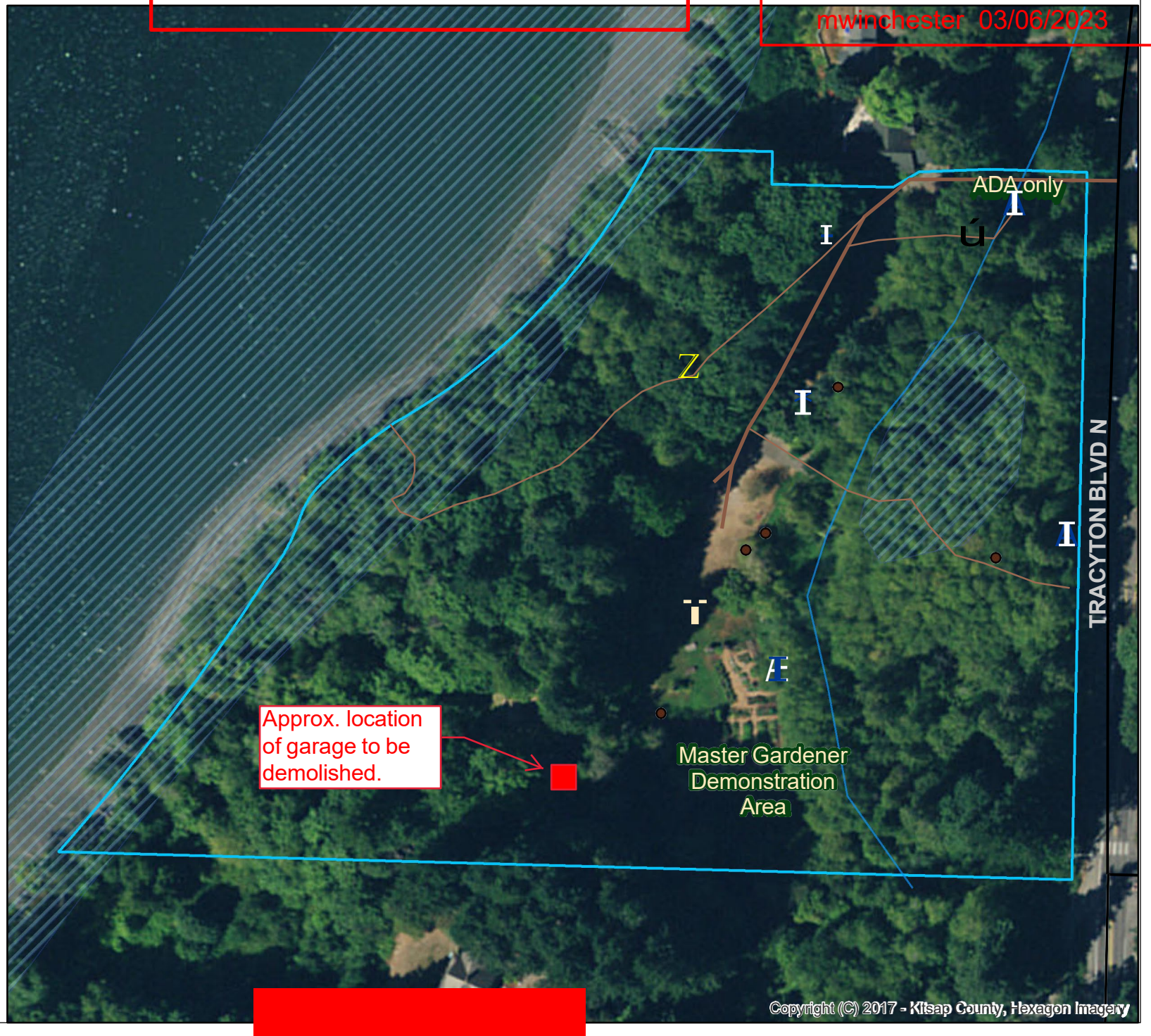
Demolition Permits and Regulated Materials Reports have been included within this attachment for Contractor reference.

J. A. & Anna F. Smith Children's Park

Subject to Field Inspection

Reviewed for Code Compliance by Kitsap County Building Department

mwinchester 03/06/2023



Legend

- Parking Lot
- Bathroom
- Picnic Shelter
- Interpretive Sign
- Viewpoint
- Picnic Area
- Bench
- Bridge
- Road
- Main Trail
- Side Trail
- Streams
- Park Boundary
- Wetlands

Kitsap County Parks Department
Created: 9/26/2019

0 50 100 200 Ft

Rose Environmental
6715 Greenwood Avenue North
Seattle, WA 98103
Phone: 206.679.0699
www.roseenvironmental.com

Matthew Oxford, Assoc. AIA
Capital Projects Planner
Kitsap County Parks
1195 NW Fairgrounds Road
Bremerton, WA 98311
Phone 360.337.5364
Email moxford@kitsap.gov

January 19, 2023

Subject: Pre-Renovation Regulated Building Materials Assessment – Garage, Ann Smith Park, 7601 Tracyton Boulevard NW, Bremerton, Washington

Dear Matt:

On January 4, 2023, Rose Environmental LLC conducted a regulated building materials assessment for (1) suspect asbestos-containing materials, (2) silica-containing building materials, and (3) polychlorinated biphenyls (PCBs), mercury, and/or chlorofluorocarbons (CFCs) within the Ann Smith Park garage building located at 7601 Tracyton Boulevard Northwest in Bremerton, Washington. Additionally, samples of representative building materials were collected from each building for the EPA's Toxic Characteristic Leaching Procedure (TCLP) for lead content. The purpose of the inspection was to verify the presence of absence of regulated building materials which may be impacted as part of an upcoming demolition project.

ASBESTOS SAMPLING – METHODS & RESULTS

Mr. Tyler Stevens, CSP, an EPA AHERA-accredited inspector from Rose Environmental, (Asbestos Inspector Certification #183460/ Certification Expiration Date: January 6, 2023), conducted the survey. Rose Environmental collected samples of suspect asbestos-containing materials; the samples were collected full depth to the surface of the underlying substrate.

The bulk samples collected were submitted under strict chain of custody procedures to NVL Laboratories, a qualified independent laboratory for analysis. NVL is a member of the National Voluntary Laboratory Accreditation Program (NVLAP 102063-0).

The asbestos samples were analyzed using polarized light microscopy (PLM) with dispersion staining in accordance with US EPA method 600/R-93/116 as specified in 40 CFR Chapter I (7-1-93 edition) Part 763, Subpart F, Appendix A, pages 499-504. Polarizing light microscopy quantifies asbestos concentrations at between 100% and 1% detection levels. Levels below 1% can only be stated as "trace."

Table 1: Asbestos Sampling Results				
Sample ID	**Material Description**	**Location**	**Asbestos Content**	**Estimated Quantity**
Non-Asbestos Containing Materials				
AS-A1	Black asphaltic roof shingles with Green granules	Roof	NAD	NA
AS-A2	Black asphaltic vapor barrier	Siding	NAD	NA
AS-A3	Concrete foundation	Interior	NAD	NA
AS-A4	Black interior-side asphaltic vapor barrier	Interior Walls	NAD	NA

Notes: GWB = gypsum wallboard SV = sheet vinyl flooring NAD = No asbestos detected

In summary, the survey and laboratory results revealed that none of the materials sampled were found to contain asbestos.

SILICA-CONTAINING BUILDING MATERIALS

Rose Environmental observed the following materials designated to be impacted during upcoming construction work which are presumed to contain respirable crystalline silica:

1. Concrete foundation.

Worker (and bystander) exposure to dusts created by construction activities impacting silica-containing materials should be mitigated in accordance with L&I DOSH regulations (WAC 296-840) and good indoor air quality techniques.

MERCURY-CONTAINING FLUORESCENT LAMPS AND POLYCHLORINATED BIPHENYL LIGHT BALLASTS AND BUILDING MATERIALS

Rose Environmental conducted an inventory of installed regulated materials which may be classified as universal hazardous waste, which may be impacted as part of upcoming demolition work. These materials included mercury-containing items such as fluorescent light tubes, high-intensity discharge lighting, thermostats, and CFC-containing items such as air-conditioning units.

In summary, no mercury-containing (Hg), CFC-containing, or PCB-containing building fixtures were noted within areas designated as part of upcoming demolition work at the Ann Smith Garage Building.

TCLP SAMPLING FOR LEAD

On January 4, 2023, Rose Environmental collected a sample for Toxicity Characteristic Leaching Procedure (TCLP) analysis. TCLP is a sample extraction method for chemical analysis employed as an analytical method to simulate leaching through a landfill. The sample was submitted to NVL Laboratories located in Seattle, Washington where it was prepared and analyzed for lead.

TCLP Lead Sampling Results
January 4, 2023
NVL Report 2300398

Sample ID	Sample Description	Surface Lead (mg/l & PPM)
AS-TCLP1	Representative Building Materials Debris Samples	<0.5
	EPA Regulatory Limit:	**5**

The Environmental Protection Agency (EPA) Regulatory Limit for Lead is 5.0 parts per million (ppm) or milligrams per liter (mg/l). The laboratory results from the sample collected were below the EPA Regulatory Limit. Therefore, following the completion of abatement of asbestos-containing materials outlined above, the remaining building material waste debris from the upcoming demolition project at the Ann Smith Garage at 7601 Tracyton Boulevard Northwest may be disposed of as normal construction waste as opposed to regulated lead waste.

CONCLUSION AND RECOMMENDATIONS

In summary, the results of Rose Environmental's January 4, 2023 regulated materials survey within the Ann Smith Garage building did not identify any asbestos-containing materials.

LIMITS OF SURVEY

Regulated building materials surveys are non-comprehensive by nature and subject to many limitations including those presented below. This survey is limited to only those locations sampled. Evaluation of other risks, such as toxic and hazardous substances in (or in contact with) soil and ground water, structural, electrical, mechanical, radon gas, slope stability, building settlement, moisture, or site drainage/flooding have not been included. No warranty, expressed or implied, is made.

The site visit consisted of a thorough visual walk-through of the area(s) of renovation for the purpose of viewing and/or sampling potential asbestos-containing material, lead-containing materials, silica-containing materials, RCRA-8 regulated metals, and/or polychlorinated biphenyls (PCBs). Rose Environmental is not responsible for materials which require destructive means to access, or materials which are hidden from sight, those materials hidden behind walls, or materials which cannot be found with reasonable diligence.

Rose Environmental performed this survey in accordance with the generally accepted standards of care that exist in the industrial hygiene profession in Washington State at the time of this study.

It has been a pleasure assisting you with this assessment. Should you have any questions regarding this summary, feel free to contact us via phone or email.

Respectfully,

Tyler Stevens, CSP
Industrial Hygienist
Rose Environmental LLC

Reviewed by,

Martin Rose, CIH, CSP
Principal/Senior Consultant
Rose Environmental LLC

Attachments: NVL Lab Report 2300404 (asbestos)
NVL Report 2300398 (lead TCLP)
Photographic Contact Sheet

January 15, 2023

Martin Rose
Rose Environmental
6715 Greenwood Ave. N
Seattle, WA 98107

RE: Bulk Asbestos Fiber Analysis; NVL Batch # 2300404.00

Client Project: 12321-AS-ASB
Location: N-A

Dear Mr. Rose,

Enclosed please find test results for the 4 sample(s) submitted to our laboratory for analysis on 1/9/2023.

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

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

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

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

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

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

Sincerely,

Munaf Khan, Laboratory Director

NVLAP
Testing
Lab Code: 102063-0

Enc.: Sample Results

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

Bulk Asbestos Fibers Analysis

By Polarized Light Microscopy

Client: Rose Environmental
Address: 6715 Greenwood Ave. N
Seattle, WA 98107

Attention: Mr. Martin Rose
Project Location: N-A

Batch #: 2300404.00
Client Project #: 12321-AS-ASB
Date Received: 1/9/2023
Samples Received: 4
Samples Analyzed: 4
Method: EPA/600/R-93/116

Lab ID: 23002819 **Client Sample #: AS-A1**

Layer 1 of 1 **Description:** Black asphaltic fibrous material with granules

Non-Fibrous Materials:	Other Fibrous Materials:%	**Asbestos Type: %**
Asphalt/Binder, Asphaltic Particles, Granules	Cellulose 55%	**None Detected ND**
Mica		

Lab ID: 23002820 **Client Sample #: AS-A2**

Location: N-A

Layer 1 of 1 **Description:** Black asphaltic fibrous felt

Non-Fibrous Materials:	Other Fibrous Materials:%	**Asbestos Type: %**
Asphalt/Binder, Asphaltic Particles	Cellulose 61%	**None Detected ND**

Lab ID: 23002821 **Client Sample #: AS-A3**

Location: N-A

Layer 1 of 1 **Description:** Gray cementitious material

Non-Fibrous Materials:	Other Fibrous Materials:%	**Asbestos Type: %**
Cement/Binder, Cementitious particles, Mineral grains	Cellulose 6%	**None Detected ND**
Granules, Quartz		

Lab ID: 23002822 **Client Sample #: AS-A4**

Location: N-A

Layer 1 of 1 **Description:** Black asphaltic fibrous felt with paint

Non-Fibrous Materials:	Other Fibrous Materials:%	**Asbestos Type: %**
Binder/Filler, Asphaltic Particles, Paint	Cellulose 65%	**None Detected ND**

Sampled by: Client
Analyzed by: Alex Shea **Date:** 01/11/2023
Reviewed by: Munaf Khan **Date:** 01/15/2023

Munaf Khan, Laboratory Director

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

ASBESTOS LABORATORY SERVICES

Company Rose Environmental
Address 6715 Greenwood Ave. N
Seattle, WA 98107
Project Manager Mr. Martin Rose
Phone (206) 679-0699

NVL Batch Number 2300404.00
TAT 5 Days AH NC
Rush TAT
Due Date 1/16/2023 **Time** 4:30 PM
Email roseenv@gmail.com
Fax (206) 279-1756

Project Name/Number: 12321-AS-ASB **Project Location:** N-A

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

Total Number of Samples 4 Rush Samples

	Lab ID	Sample ID	Description	A/R
1	23002819	AS-A1		A
2	23002820	AS-A2		A
3	23002821	AS-A3		A
4	23002822	AS-A4		A

	Print Name	Signature	Company	Date	Time
Sampled by	Client				
Relinquished by	Client				

Office Use Only	Print Name	Signature	Company	Date	Time
Received by	Fatima Khan		NVL	1/9/23	1630
Analyzed by	Alex Shea		NVL	1/11/23	
Results Called by					
☐ **Faxed** ☐ **Emailed**					

Special Instructions:

Date: 1/9/2023
Time: 4:57 PM
Entered By: Kelly AuVu

CHAIN of CUSTODY

SAMPLE LOG

Client Rose Environmental

Street 67:L5 GreeO.\OC.QOc:l.AVe N
Seattle WIL98to7

Project Manager ,e;Mc;_:r;: ,:,;,:,M=a"-'rt=in'-R'-=-os=e=----------
Project Location

Phone: (206) 679-0699 Fax: (206) 279-1756

NVL Batch Number

Client Job Number

Total Samples 9

Turn Around Time D 1 Hr D 6 Hrs D 3 Days D 10 Days
D 2 Hrs D 1 Day D 4 Days
D 4 Hrs D 2 Days 5 Days
Please call for TAT less than 24 Hrs

Email address roseenv .mail.com

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

Asbestos Bulk/li7J PLM (EPA/600/R-93/116) ☐PLM (EPA Point Count) ☐PLM (EPA Gravimetry) ☐TEM BULK

D Mold/Funous ID Mold Air Mold Bulk I D Rotometer Calibration

METALS	loet. Limit	Matrix		RCRA Metals	0All8	Other Metals
D Total Metals	D FAA (ppm)	D Air Filter	D Paint Chips in %	D Arsenic (As)	☐Lead (Pb)	OAII3
☐TCLP	☐ ICP (ppm)	D Drinking water	D Paint Chips in cm2	D Barium (Ba)	D Mercury (Hg)	D Copper (Cu)
0Cr6	D GF A A (ppb)	D Dust/wipe (Area)	D Waste Water	D Cadmium (Cd)	D Selenium (Se)	☐Nickel (Ni)
☐	☐VAA (ppb)	☐Soil	D Other	D Chromium (Cr)	D Silver (Ag)	D Zinc (Zn)

Other Types of Analysis: Fiberglass Silica D Nuisance Dust n Resnirable Dust D Other (Specify) _____

Condition of Packaae: D Good D Damaoed (no soillaoe) D Severe damaoe (soillaoe)

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15				

	Print Below	Sign Below	Company	Date	Time
Sampled by	T. S		Rose Env	1/4/23	
Relinquished by				1/9/23	1620
Received by				1/9/23	4:32
Analyzed by					
Results Called by					
Results Faxed by					

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

January 12, 2023

Martin Rose
Rose Environmental
6715 Greenwood Ave. N
Seattle, WA 98107

NVL Batch # 2300398.00

RE: Total Metal Analysis
Method: EPA 1311/7000B Lead by FAA <TCLP>
Item Code: TCLP-1

Client Project: 12321-AS-TCLP
Location: N-A

Dear Mr. Rose,

NVL Labs received 1 sample(s) for the said project on 1/9/2023. Preparation of these samples was conducted following protocol outlined in EPA 1311/7000B, unless stated otherwise. Analysis of these samples was performed using analytical instruments in accordance with EPA 1311/7000B Lead by FAA <TCLP>. The results are usually expressed in mg/L and ppm. Test results are not blank corrected.

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

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

Sincerely,

Shalini Patel, Manager Metals Lab

Enc.: Sample results

AIHA LAP, LLC
ACCREDITED LABORATORY
INDUSTRIAL HYGIENE & ENVIRONMENTAL LEAD
ISO/IEC 17025:2005
WWW.AIHAACCREDITEDLABS.ORG
LAB # 101861

Analysis Report

Toxicity Characteristic Leaching Procedure - Lead (Pb)

Client: Rose Environmental

Address: 6715 Greenwood Ave. N
Seattle, WA 98107

Attention: **Mr. Martin Rose**
Project Location: N-A

Batch #: 2300398.00
Matrix: Bulk
Method: EPA 1311/7000B
Client Project #: 12321-AS-TCLP
Date Received: 1/9/2023
Samples Received: 1
Samples Analyzed: 1

Lab ID	Client Sample #	RL mg/ L	Results in mg/L	Results in ppm
23002781	AS-TCLP1	0.5	< 0.5	< 0.5

Sampled by: Client
Analyzed by: Yasuyuki Hida
Reviewed by: Shalini Patel

Date Analyzed: 01/12/2023
Date Issued: 01/12/2023

Shalini Patel, Manager Metals Lab

mg/ L =Milligrams per liter
ppm = parts per million

RL = Reporting Limit
'<' = Below the reporting Limit

Note : Method QC results are acceptable unless stated otherwise.
Unless otherwise indicated, the condition of all samples was acceptable at time of receipt.

Bench Run No: 2023-0111-07

LEAD LABORATORY SERVICES

Company	Rose Environmental	**NVL Batch Number**	2300398.00
Address	6715 Greenwood Ave. N Seattle, WA 98107	**TAT**	5 Days AH NC
		Rush TAT	
Project Manager	Mr. Martin Rose	**Due Date**	1/16/2023 **Time** 4:30 PM
Phone	(206) 679-0699	**Email**	roseenv@gmail.com
		Fax	(206) 279-1756

Project Name/Number: 12321-AS-TCLP **Project Location:** N-A

Subcategory Flame AA (FAA)

Item Code TCLP-1 EPA 1311/7000B Lead by FAA <TCLP>

Total Number of Samples 1 Rush Samples

	Lab ID	Sample ID	Description	A/R
1	23002781	AS-TCLP1		A

	Print Name	Signature	Company	Date	Time
Sampled by	Client				
Relinquished by	Client				

Office Use Only	Print Name	Signature	Company	Date	Time
Received by	Fatima Khan		NVL	1/9/23	1630
Analyzed by	Yasuyuki Hida		NVL	1/12/23	
Results Called by					
☐ **Faxed** ☐ **Emailed**					

Special Instructions:

Date: 1/9/2023
Time: 4:52 PM
Entered By: Kelly AuVu

CHAIN of CUSTODY SAMPLE LOG

2300398 L

Client Rose Environmental
Street 67[[Gre§nlftLO Qg Ave..b/
$. att!e,.W6 913,l0L

NVL Batch Number
Client Job Number

Total Samples ( )

Turn Around Time D 1 Hr D 6 Hrs D 3 Days D 10 Days
D 2 Hrs D 1 Day D 4 Days
D 4 Hrs D 2 Days 10 5 Days
Please call for TAT less than 24 Hrs

Project Manager Mr. Martin Rose
Project Location

Email address roseenv@Qmail.com

Phone: (206) 679-0699 Fax: (206) 279-1756

☐Asbestos Air	ID PCM (NIOSH 7400)	D TEM (NIOSH 7402)	D TEM (AHERA)	D TEM (EPA Level II)	D Other
D Asbestos Bu	☐PLM (EPI 600/R-93/116)	☐PLM (EPA Point Count) 0	PLM (EPA Gravimetrv)	☐TEM BULK	
D Mold/Funqus	☐Mold Air	☐Mold Bulk	ID Rotometer Calibration		

METALS	Det. Limit	Matrix		RCRA Metals	0All8	Other Metals
D Total Metals	0 FAA (ppm)	D Air Filter	D Paint Chips in %	D Arsenic (As)	ead (Pb)	OAII3 D Copper (Cu)
/g.TCLP	0 ICP (ppm)	D Drinking water	D Paint Chips in cm2	D Barium (Ba)	Mercury (Hg)	☐Nickel (Ni)
oCr6	DGFAA (ppb) 0 CVAA (ppb)	D DusVwipe (Area) D Soil	D Waste Water 0 Other	D Cadmium (Cd) D Chromium (Cr)	D Selenium (Se) D Silver (Ag)	D Zinc (Zn)

Other Types of Analysis			
D Fiberglass	D Nuisance Dust	D Other (Specify)	
In Silica	n Resnir hle Dust		

Condition of Package: 0 Good ☐DamaQed (no soillage) D Severe damage (spillage)

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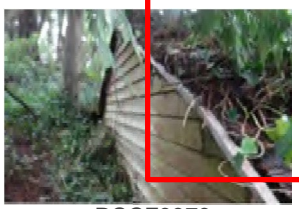
	Print Below	Sign Below	Company	Date	Time
Sampled by	T. S		Rose Env	1/4/23	
Relinquished by	Hammadan			1/7/23	16:20
Received by			Nwl labs	1/9/23	4:30
Analyzed by					
Results Called by					
Results Faxed by					

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

DSCF9977

DSCF9978



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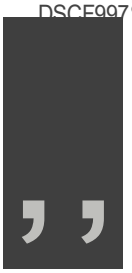


DSCF9984

DSCF9985

Subject to Field Inspection

Reviewed for Code Compliance by Kitsap County Building Department

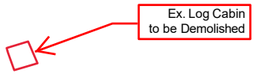
mwinchester 03/22/2023

Log Cabin Demo

Scope of Work

-Demolition of existing derelict 2-story Log Cabin with an approximate floor area of 1,000 SF.

-Asbestos Abatement is required for:
  a) Approx. 10 SF of sink undercoating.
  Refer to Regulated Materials Report prepared by Rose Environmental.
-No Clearing/Grubbing needed.
-All other existing buildings to remain and be protected in place.



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Pr1'1100 ._bdi 7. 2023

Rose Environmental

6715 Greenwood Avenue North
Seattle, WA 98103

Phone: 206.679.0699
www.roseenvironmental.com

Matthew Oxford, Assoc. AIA
Capital Projects Planner
Kitsap County Parks
1195 NW Fairgrounds Road
Bremerton, WA 98311
Phone 360.337.5364
Email moxford@kitsap.gov

January 19, 2023

Subject: Pre-Renovation Regulated Building Materials Assessment – Log Cabin, Fairgrounds, 1200 Fairgrounds Road Northwest, Bremerton, Washington

Dear Matt:

On January 6, 2023, Rose Environmental LLC conducted a regulated building materials assessment for (1) suspect asbestos-containing materials, (2) silica-containing building materials, and (3) polychlorinated biphenyls (PCBs), mercury, and/or chlorofluorocarbons (CFCs) within the Fairgrounds Log Cabin Building located at 1200 Fairgrounds Road Northwest in Bremerton, Washington. Additionally, samples of representative building materials were collected from each building for the EPA's Toxic Characteristic Leaching Procedure (TCLP) for lead content. The purpose of the inspection was to verify the presence of absence of regulated building materials which may be impacted as part of an upcoming demolition project.

ASBESTOS SAMPLING – METHODS & RESULTS

Mr. Tyler Stevens, CSP, an EPA AHERA-accredited inspector from Rose Environmental, (Asbestos Inspector Certification #183460/ Certification Expiration Date: January 6, 2023), conducted the survey. Rose Environmental collected samples of suspect asbestos-containing materials; the samples were collected full depth to the surface of the underlying substrate.

The bulk samples collected were submitted under strict chain of custody procedures to NVL Laboratories, a qualified independent laboratory for analysis. NVL is a member of the National Voluntary Laboratory Accreditation Program (NVLAP 102063-0).

The asbestos samples were analyzed using polarized light microscopy (PLM) with dispersion staining in accordance with US EPA method 600/R-93/116 as specified in 40 CFR Chapter I (7-1-93 edition) Part 763, Subpart F, Appendix A, pages 499-504. Polarizing light microscopy quantifies asbestos concentrations at between 100% and 1% detection levels. Levels below 1% can only be stated as "trace."

Table 1: Asbestos Sampling Results				
Sample ID	**Material Description**	**Location**	**Asbestos Content**	**Estimated Quantity**
Asbestos Containing Materials				
FG-A4	**Black sink undercoating on metal sink**	**Kitchen**	**3% Chrysotile Asbestos**	**~10 SF**
Non-Asbestos Containing Materials				
FG-A1	White window glazing	Exterior windows	NAD	NA
FG-A2	Dark Grey / Light Grey mortar with rocks	Exterior – Between Logs	NAD	NA
FG-A3	Black asphaltic “no-slip” walkway shingles	Exterior Porch	NAD	NA
FG-A5	White-speckled laminate countertop / Mastic	Kitchen	NAD	NA
FG-A6	Grey fibrous backing flooring remnant (under wood)		NAD	NA
FG-A7	White-painted GWB system	Storage Room	NAD	NA
FG-A8	White-painted chimney brick / Grey mortar		NAD	NA
FG-A9	White-painted log wall grout		NAD	NA
FG-A10	Black coating on walls	Bathroom	NAD	NA
FG-A11	Grey remnant fibrous backing on floor		NAD	NA
FG-A12	Yellow glazed log wall grout		NAD	NA
FG-A13	Cloth sheathing on wires	Bedroom Closet	NAD	NA
FG-A14	White ceramic glaze on metal	Bathtub	NAD	NA
FG-A15	Grey cementitious floor pad	Kitchen Stove	NAD	NA

Notes: GWB = gypsum wallboard SV = sheet vinyl flooring NAD = No asbestos detected

In summary, the survey and laboratory results revealed approximately 10 square feet of **black sink undercoating,** found on underside of the metal sink in the Kitchen, **contained 3% chrysotile asbestos.**

Photo: Black Sink Undercoating in Kitchen:

SILICA-CONTAINING BUILDING MATERIALS

Rose Environmental observed the following materials designated to be impacted during upcoming construction work which are presumed to contain respirable crystalline silica:

1. Concrete foundation.

2. Brick and stone masonry and associated grout and mortar, comprising the fireplace and chimneys.

3. Grout/Mortar found between logs at exterior and interior locations.

Worker (and bystander) exposure to dusts created by construction activities impacting silica-containing materials should be mitigated in accordance with L&I DOSH regulations (WAC 296-840) and good indoor air quality techniques.

MERCURY-CONTAINING FLUORESCENT LAMPS AND POLYCHLORINATED BIPHENYL LIGHT BALLASTS AND BUILDING MATERIALS

Rose Environmental conducted an inventory of installed regulated materials which may be classified as universal hazardous waste, which may be impacted as part of upcoming demolition work. These materials included mercury-containing items such as fluorescent light tubes, high-intensity discharge lighting, thermostats, and CFC-containing items such as air-conditioning units.

In summary, no mercury-containing (Hg), CFC-containing, or PCB-containing building fixtures were noted within areas designated as part of upcoming demolition work at the Fairgrounds Log Cabin Building.

TCLP SAMPLING FOR LEAD

On January 6, 2023, Rose Environmental collected a sample for Toxicity Characteristic Leaching Procedure (TCLP) analysis. TCLP is a sample extraction method for chemical analysis employed as an analytical method to simulate leaching through a landfill. The sample was submitted to NVL Laboratories located in Seattle, Washington where it was prepared and analyzed for lead.

TCLP Lead Sampling Results
January 6, 2023
NVL Report 2300399

Sample ID	Sample Description	Surface Lead (mg/l & PPM)
FG-TCLP1	Representative Building Materials Debris Samples	<0.5
	EPA Regulatory Limit:	**5**

The Environmental Protection Agency (EPA) Regulatory Limit for Lead is 5.0 parts per million (ppm) or milligrams per liter (mg/l). The laboratory results from the sample collected were below the EPA Regulatory Limit. Therefore, following the completion of abatement of asbestos-containing materials outlined above, the remaining building material waste debris from the upcoming demolition project at the Fairgrounds Log Cabin at 1200 Fairgrounds Road Northwest may be disposed of as normal construction waste as opposed to regulated lead waste.

CONCLUSION AND RECOMMENDATIONS

In summary, the results of Rose Environmental's January 6, 2023 regulated materials survey within the Fairgrounds Log Cabin, confirmed asbestos content greater than one percent in black sink undercoating in the Kitchen.

Asbestos-containing materials are required to be removed and disposed of in accordance with Washington State Regulations prior to any demolition, renovation, or remodeling that would disturb these materials. Washington State Department of Labor and Industries and PSCAA require that the abatement be performed using Certified Asbestos Workers under the direct on-site supervision of a Certified Asbestos Supervisor.

LIMITS OF SURVEY

Regulated building materials surveys are non-comprehensive by nature and subject to many limitations including those presented below. This survey is limited to only those locations sampled. Evaluation of other risks, such as toxic and hazardous substances in (or in contact with) soil and ground water, structural, electrical, mechanical, radon gas, slope stability, building settlement, moisture, or site drainage/flooding have not been included. No warranty, expressed or implied, is made.

The site visit consisted of a thorough visual walk-through of the area(s) of renovation for the purpose of viewing and/or sampling potential asbestos-containing material, lead-containing materials, silica-containing materials, RCRA-8 regulated metals, and/or polychlorinated biphenyls (PCBs). Rose Environmental is not responsible for materials which require destructive means to access, or materials which are hidden from sight, those materials hidden behind walls, or materials which cannot be found with reasonable diligence.

Rose Environmental performed this survey in accordance with the generally accepted standards of care that exist in the industrial hygiene profession in Washington State at the time of this study.

It has been a pleasure assisting you with this assessment. Should you have any questions regarding this summary, feel free to contact us via phone or email.

Respectfully,

Tyler Stevens, CSP
Industrial Hygienist
Rose Environmental LLC

Reviewed by,

Martin Rose, CIH, CSP
Principal/Senior Consultant
Rose Environmental LLC

Attachments: NVL Lab Report #2300397 (asbestos)
NVL Report #2300399 (lead TCLP)
Photographic Contact Sheet

January 15, 2023

Martin Rose
Rose Environmental
6715 Greenwood Ave. N
Seattle, WA 98107

RE: Bulk Asbestos Fiber Analysis; NVL Batch # 2300397.00

Client Project: 12321-FG-ASB
Location: N-A

Dear Mr. Rose,

Enclosed please find test results for the 15 sample(s) submitted to our laboratory for analysis on 1/9/2023.

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

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

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

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

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

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

Sincerely,

Munaf Khan, Laboratory Director

Testing
Lab Code: 102063-0

Enc.: Sample Results

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

Bulk Asbestos Fibers Analysis

By Polarized Light Microscopy

Client: Rose Environmental
Address: 6715 Greenwood Ave. N
Seattle, WA 98107

Attention: Mr. Martin Rose
Project Location: N-A

Batch #: 2300397.00
Client Project #: 12321-FG-ASB
Date Received: 1/9/2023
Samples Received: 15
Samples Analyzed: 15
Method: EPA/600/R-93/116

Lab ID: 23002766 **Client Sample #: FG-A1**

Location: N-A

Layer 1 of 1 **Description:** White putty material

Non-Fibrous Materials:	Other Fibrous Materials:%		**Asbestos Type: %**
Binder/Filler, Fine particles, Fine grains	Cellulose	2%	**None Detected ND**
	Wollastonite	1%	

Lab ID: 23002767 **Client Sample #: FG-A2**

Location: N-A

Layer 1 of 2 **Description:** Dark gray hard cementitious material

Non-Fibrous Materials:	Other Fibrous Materials:%		**Asbestos Type: %**
Cement/Binder, Cementitious particles, Mineral grains	Cellulose	3%	**None Detected ND**

Layer 2 of 2 **Description:** Gray cementitious material

Non-Fibrous Materials:	Other Fibrous Materials:%		**Asbestos Type: %**
Talc/Binder, Fine particles, Mineral grains	Cellulose	7%	**None Detected ND**
Granules, Gravel	Wollastonite	1%	

Lab ID: 23002768 **Client Sample #: FG-A3**

Location: N-A

Comments: Wet sample was dried prior to analysis.

Layer 1 of 1 **Description:** Black asphaltic material with mineral grains and granules

Non-Fibrous Materials:	Other Fibrous Materials:%		**Asbestos Type: %**
Asphalt/Binder, Asphaltic Particles, Mineral grains	Glass fibers	52%	**None Detected ND**
Granules			

Lab ID: 23002769 **Client Sample #: FG-A4**

Location: N-A

Sampled by: Client
Analyzed by: Muhammad Yousuf **Date:** 01/11/2023
Reviewed by: Munaf Khan **Date:** 01/15/2023

Munaf Khan, Laboratory Director

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

Bulk Asbestos Fibers Analysis

By Polarized Light Microscopy

Client: Rose Environmental
Address: 6715 Greenwood Ave. N
Seattle, WA 98107

Attention: Mr. Martin Rose
Project Location: N-A

Batch #: 2300397.00
Client Project #: 12321-FG-ASB
Date Received: 1/9/2023
Samples Received: 15
Samples Analyzed: 15
Method: EPA/600/R-93/116

Layer 1 of 1	**Description:** Black asphaltic crumbly material		
	Non-Fibrous Materials:	Other Fibrous Materials:%	**Asbestos Type: %**
	Asphalt/Binder, Asphaltic Particles, Fine grains	Cellulose 4%	**Chrysotile 3%**

Lab ID: 23002770 **Client Sample #: FG-A5**
Location: N-A

Layer 1 of 2	**Description:** White sandy material with paint		
	Non-Fibrous Materials:	Other Fibrous Materials:%	**Asbestos Type: %**
	Paint, Binder/Filler, Fine particles	Cellulose <1%	**None Detected ND**
Layer 2 of 2	**Description:** Laminate white color with beige adhesive		
	Non-Fibrous Materials:	Other Fibrous Materials:%	**Asbestos Type: %**
	Fine particles, Adhesive/Binder, Wood chips	Cellulose 76%	**None Detected ND**

Lab ID: 23002771 **Client Sample #: FG-A6**
Location: N-A

Layer 1 of 1	**Description:** Brown fibrous material with asphalt and sandy material		
	Non-Fibrous Materials:	Other Fibrous Materials:%	**Asbestos Type: %**
	Binder/Filler, Asphaltic Particles, Wood flakes	Cellulose 62%	**None Detected ND**
		Synthetic fibers 3%	

Lab ID: 23002772 **Client Sample #: FG-A7**
Location: N-A
Comments: Wet sample was dried prior to analysis.

Layer 1 of 1	**Description:** White chalky material with paper, paint and dust		
	Non-Fibrous Materials:	Other Fibrous Materials:%	**Asbestos Type: %**
	Paint, Fine particles, Gypsum/Binder Fine grains	Cellulose 18%	**None Detected ND**

Sampled by: Client
Analyzed by: Muhammad Yousuf **Date:** 01/11/2023
Reviewed by: Munaf Khan **Date:** 01/15/2023

Munaf Khan, Laboratory Director

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

Bulk Asbestos Fibers Analysis

By Polarized Light Microscopy

Client: Rose Environmental
Address: 6715 Greenwood Ave. N
Seattle, WA 98107

Attention: Mr. Martin Rose
Project Location: N-A

Batch #: 2300397.00
Client Project #: 12321-FG-ASB
Date Received: 1/9/2023
Samples Received: 15
Samples Analyzed: 15
Method: EPA/600/R-93/116

Lab ID: 23002773 **Client Sample #: FG-A8**
Location: N-A

Layer 1 of 2 **Description:** Red brick with paint

Non-Fibrous Materials:	Other Fibrous Materials:%	**Asbestos Type: %**
Paint, Binder/Filler, Fine particles	Cellulose <1%	**None Detected ND**
Mineral grains		

Layer 2 of 2 **Description:** Gray cementitious material

Non-Fibrous Materials:	Other Fibrous Materials:%	**Asbestos Type: %**
Talc/Binder, Fine particles, Mineral grains	Cellulose 4%	**None Detected ND**
Granules, Gravel	Wollastonite <1%	

Lab ID: 23002774 **Client Sample #: FG-A9**
Location: N-A

Layer 1 of 1 **Description:** Gray cementitious material with paint and dust

Non-Fibrous Materials:	Other Fibrous Materials:%	**Asbestos Type: %**
Paint, Talc/Binder, Fine particles	Cellulose 9%	**None Detected ND**
Mineral grains, Granules, Gravel	Wollastonite 2%	
Wood flakes/fibers		

Lab ID: 23002775 **Client Sample #: FG-A10**
Location: N-A

Layer 1 of 1 **Description:** Black brittle crumbly material

Non-Fibrous Materials:	Other Fibrous Materials:%	**Asbestos Type: %**
Binder/Filler, Fine particles, Wood flakes	Cellulose 4%	**None Detected ND**

Lab ID: 23002776 **Client Sample #: FG-A11**
Location: N-A

Sampled by: Client
Analyzed by: Muhammad Yousuf **Date:** 01/11/2023
Reviewed by: Munaf Khan **Date:** 01/15/2023

Munaf Khan, Laboratory Director

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

Bulk Asbestos Fibers Analysis

By Polarized Light Microscopy

Client: Rose Environmental
Address: 6715 Greenwood Ave. N
Seattle, WA 98107

Attention: Mr. Martin Rose
Project Location: N-A

Batch #: 2300397.00
Client Project #: 12321-FG-ASB
Date Received: 1/9/2023
Samples Received: 15
Samples Analyzed: 15
Method: EPA/600/R-93/116

Layer 1 of 1 **Description:** Brown fibrous material with asphalt ,sandy material and mastic

Non-Fibrous Materials:	Other Fibrous Materials:%	**Asbestos Type: %**
Asphaltic Particles, Mastic/Binder, Fine grains	Cellulose 52%	**None Detected ND**
Wood flakes		

Lab ID: 23002777 **Client Sample #: FG-A12**

Location: N-A

Layer 1 of 1 **Description:** White hard cementitious material with tan adhesive

Non-Fibrous Materials:	Other Fibrous Materials:%	**Asbestos Type: %**
Cement/Binder, Cementitious particles, Mineral grains	Cellulose 7%	**None Detected ND**
Granules, Gravel, Talc		
Wood fibers, Adhesive/Binder		

Lab ID: 23002778 **Client Sample #: FG-A13**

Location: N-A

Layer 1 of 2 **Description:** Tan woven fibrous material with dust

Non-Fibrous Materials:	Other Fibrous Materials:%	**Asbestos Type: %**
Binder/Filler, Fine particles	Cellulose 85%	**None Detected ND**

Layer 2 of 2 **Description:** Gray brittle rubbery material with metal wire

Non-Fibrous Materials:	Other Fibrous Materials:%	**Asbestos Type: %**
Fine particles, Rubber/Binder, Metal wire	Cellulose 3%	**None Detected ND**

Lab ID: 23002779 **Client Sample #: FG-A14**

Location: N-A

Layer 1 of 1 **Description:** White brittle material with rust

Non-Fibrous Materials:	Other Fibrous Materials:%	**Asbestos Type: %**
Binder/Filler, Fine particles, Rust	Cellulose 2%	**None Detected ND**

Sampled by: Client
Analyzed by: Muhammad Yousuf **Date:** 01/11/2023
Reviewed by: Munaf Khan **Date:** 01/15/2023

Munaf Khan, Laboratory Director

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

Bulk Asbestos Fibers Analysis

By Polarized Light Microscopy

Client: Rose Environmental
Address: 6715 Greenwood Ave. N
Seattle, WA 98107

Attention: Mr. Martin Rose
Project Location: N-A

Batch #: 2300397.00
Client Project #: 12321-FG-ASB
Date Received: 1/9/2023
Samples Received: 15
Samples Analyzed: 15
Method: EPA/600/R-93/116

Plastic

Lab ID: 23002780 **Client Sample #: FG-A15**

Location: N-A

Layer 1 of 1 **Description:** Beige compressed fibrous sandy material

Non-Fibrous Materials:	Other Fibrous Materials:%	**Asbestos Type: %**
Binder/Filler, Fine particles, Mineral grains	Cellulose 58%	**None Detected ND**

Sampled by: Client
Analyzed by: Muhammad Yousuf **Date:** 01/11/2023
Reviewed by: Munaf Khan **Date:** 01/15/2023

Munaf Khan, Laboratory Director

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

ASBESTOS LABORATORY SERVICES

Company Rose Environmental
Address 6715 Greenwood Ave. N
Seattle, WA 98107
Project Manager Mr. Martin Rose
Phone (206) 679-0699

NVL Batch Number **2300397.00**
TAT 5 Days **AH** No
Rush TAT
Due Date 1/16/2023 **Time** 4:30 PM
Email roseenv@gmail.com
Fax (206) 279-1756

Project Name/Number: 12321-FG-ASB **Project Location:** N-A

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

Total Number of Samples 15 Rush Samples

	Lab ID	Sample ID	Description	A/R
1	23002766	FG-A1		A
2	23002767	FG-A2		A
3	23002768	FG-A3		A
4	23002769	FG-A4		A
5	23002770	FG-A5		A
6	23002771	FG-A6		A
7	23002772	FG-A7		A
8	23002773	FG-A8		A
9	23002774	FG-A9		A
10	23002775	FG-A10		A
11	23002776	FG-A11		A
12	23002777	FG-A12		A
13	23002778	FG-A13		A
14	23002779	FG-A14		A
15	23002780	FG-A15		A

	Print Name	Signature	Company	Date	Time
Sampled by	Client				
Relinquished by	Client				

Office Use Only	Print Name	Signature	Company	Date	Time
Received by	Fatima Khan		NVL	1/9/23	1630
Analyzed by	Muhammad Yousuf		NVL	1/11/23	
Results Called by					
☐ **Faxed** ☐ **Emailed**					

Special Instructions:

Date: 1/9/2023
Time: 4:51 PM
Entered By: Fatima Khan

CHAIN of CUSTODY

SAMPLE LOG

2 00397

Client Rose Environmental

Street 6715 G[e eJ1wood Ave N

S.eaJt!st W.A 981.0

NVL Batch Number

Client Job Number t Z"1"/-1

Total Samples

Turn Around Time D 1 Hr D 6 Hrs D 3 Days D 10 Days
D 2 Hrs D 1 Day D 4 Days
D 4 Hrs D 2 Days rps Days
Please call for TAT less than 24 Hrs

Project Manager Mr. Martin Rose

Project Location

Email address roseenv@r:imail.com

Phone: (206) 679-0699 Fax: (206) 279-1756

D Asbestos Air	0 PCM (NIOSH 7400)	0 TEM (NIOSH 7402)	0 TEM (AHERA)	0 TEM (EPA Level II)	0 Other
[J(f Asbestos Bul	PLM (EPN600/R-93/116)	☐ PLM (EPA Point Count)	0 PLM (EPA Gravimetry)	0 TEM BULK	
Mold/Fun us	OMoldAir	Mold Bulk	D Rotometer Calibration		

METALS	Det. Limit	Matrix		RCRA Metals	0All8	Other Metals OAll3
D Total Metals	0 FM(ppm)	D Air Filter	D Paint Chips in %	D Arsenic (As)	0 Lead (Pb)	D Copper (Cu)
0TCLP	0 ICP (ppm)	D Drinking water	D Paint Chips in cm2	D Barium (Ba)	D Mercury (Hg)	0 Nickel (Ni)
0Cr6	DGFM(ppb) 0 CVM (ppb)	D DusUwipe (Area) ☐ Soil	0 Waste Water 0 Other	D Cadmium (Cd) D Chromium (Cr)	0 Selenium (Se) D Silver (Ag)	D Zinc (Zn)

Other Types of Analysis			
In Sllica	Fiberglass	D Nuisance Dust	D Other (Specify)
n Re nirable 011st			

Condition of Packaae: D Good ☐ Damaged (no spillaae) ☐ Severe damaae (soillaae)

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	Print Below	Sign Below	Company	Date	Time
Sampled by	T. S		Rose Env	1/6/23	
Relinquished by	Natividad			1/9/23	
Received by			NVL Labs	1/9/23	4:30pm
Analyzed by					
Results Called b					
Results Faxed by					

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

January 12, 2023

Martin Rose
Rose Environmental
6715 Greenwood Ave. N
Seattle, WA 98107

NVL Batch # 2300399.00

RE: Total Metal Analysis
Method: EPA 1311/7000B Lead by FAA <TCLP>
Item Code: TCLP-1

Client Project: 12321-FG-TCLP
Location: N-A

Dear Mr. Rose,

NVL Labs received 1 sample(s) for the said project on 1/9/2023. Preparation of these samples was conducted following protocol outlined in EPA 1311/7000B, unless stated otherwise. Analysis of these samples was performed using analytical instruments in accordance with EPA 1311/7000B Lead by FAA <TCLP>. The results are usually expressed in mg/L and ppm. Test results are not blank corrected.

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

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

Sincerely,

Shalini Patel, Manager Metals Lab

Enc.: Sample results

AIHA LAP, LLC
ACCREDITED LABORATORY
INDUSTRIAL HYGIENE & ENVIRONMENTAL LEAD
ISO/IEC 17025:2005
WWW.AIHAACCREDITEDLABS.ORG
LAB # 101861

Analysis Report

Toxicity Characteristic Leaching Procedure - Lead (Pb)

Client: Rose Environmental

Address: 6715 Greenwood Ave. N
Seattle, WA 98107

Attention: **Mr. Martin Rose**

Project Location: N-A

Batch #: 2300399.00

Matrix: Bulk

Method: EPA 1311/7000B

Client Project #: 12321-FG-TCLP

Date Received: 1/9/2023

Samples Received: 1

Samples Analyzed: 1

Lab ID	Client Sample #	RL mg/ L	Results in mg/L	Results in ppm
23002782	FG-TCLP1	0.5	< 0.5	< 0.5

Sampled by: Client

Analyzed by: Yasuyuki Hida

Reviewed by: Shalini Patel

Date Analyzed: 01/12/2023

Date Issued: 01/12/2023

Shalini Patel, Manager Metals Lab

mg/ L =Milligrams per liter

ppm = parts per million

RL = Reporting Limit

'<' = Below the reporting Limit

Note : Method QC results are acceptable unless stated otherwise.
Unless otherwise indicated, the condition of all samples was acceptable at time of receipt.

Bench Run No: 2023-0111-07

LEAD LABORATORY SERVICES

Company	Rose Environmental	**NVL Batch Number**	**2300399.00**
Address	6715 Greenwood Ave. N	**TAT**	5 Days **AH** No
	Seattle, WA 98107	**Rush TAT**	
Project Manager	Mr. Martin Rose	**Due Date**	1/16/2023 **Time** 4:30 PM
Phone	(206) 679-0699	**Email**	roseenv@gmail.com
		Fax	(206) 279-1756

Project Name/Number: 12321-FG-TCLP **Project Location:** N-A

Subcategory Flame AA (FAA)

Item Code TCLP-1 EPA 1311/7000B Lead by FAA <TCLP>

Total Number of Samples 1 Rush Samples

	Lab ID	Sample ID	Description	A/R
1	23002782	FG-TCLP1		A

	Print Name	Signature	Company	Date	Time
Sampled by	Client				
Relinquished by	Client				

Office Use Only	Print Name	Signature	Company	Date	Time
Received by	Fatima Khan		NVL	1/9/23	1630
Analyzed by	Yasuyuki Hida		NVL	1/12/23	
Results Called by					
☐ **Faxed** ☐ **Emailed**					

Special Instructions:

Date: 1/9/2023
Time: 4:52 PM
Entered By: Kelly AuVu

CHAIN of CUSTODY

SAMPLE LOG

.23 39!

Client Rose Environmental

Street 6 5 Gr n.. qpJi AveN .,.,

at!1 JW6 98J O

Project Manager Mr. Martin Rose

Project Location

Phone: (206) 679-0699 Fax: (206) 279-1756

NVL Batch Number

Client Job Number ft,j l../ .., pt: - r:u. f

Total Samples

Turn Around Time D 1 Hr D 6 Hrs D 3 Days D 10 Days
02Hrs D 1 Day O4 Days
0 4 Hrs D 2 Days J015 Days
Please call for TA than 24 Hrs

Email address roseenv@. mail.com

Asbestos Air / PCM (NIOSH 7400) 0 TEM (NIOSH 7402) OTEM (AHERA) TEM (EPA Level II) 0 Other

0 Asbestos Bulki PLM (EPA/600/R-93/116) 0 PLM (EPA Point Count) 0 PLM (EPA Gravimetry) 0 TEM BULK

D Mold/FunQus ID Mold Air 0 Mold Bulk ID Rotometer Calibration

METALS
D Total Metals 0
CLP
OCr6

loet. Limit
FAA (ppm)
O ICP (ppm)
DGFAA (ppb)
0 CVAA (ppb)

Matrix
D Air Filter
D Drinking water
D Dust/wipe (Area)
0 Soil

D Paint Chips in %
D Paint Chips in cm2
D Waste Water
D Other

RCRA Metals
D Arsenic (As)
D Barium (Ba)
D Cadmium (Cd)
D Chromium (Cr)

OAll8
Lead (Pb)
D Mercury (Hg)
D Selenium (Se)
D Silver (Ag)

Other Metals
OAll3
D Copper (Cu)
0 Nickel (Ni)
D Zinc (Zn)

Other Types of Analysis: j Fiberglass; n Silica; D Nuisance Dust; n Resnirable Dust; D Other (Specify)

Condition of PackaQe: D Good; Damaged (no spillaQe); Severe damaae (spillage)

C:orr 'It	I ab ID	r,lion	I\lqmhor	Comm1mt le 9 Samma..ar.e....5.amnlo Vnl11me etcl	/I./R
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	Print Below	Sign Below	Company	Date	Time
Sampled by	JS	[signature]	Rose Env	1/6/23	
Relinquished by				1/9/23	16:20
Received by	[signature]	[signature]	NVL Labs	1/9/23	4:30p
Analyzed by					
Results Called by					
Results Faxed by					

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

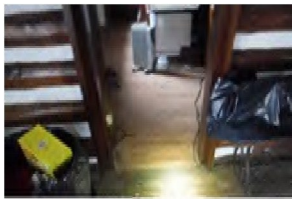
Please composite all wall board samples


OSCF0001


OSCF0002


OSCF0003


OSCF0004


OSCF0005


OSCF0008

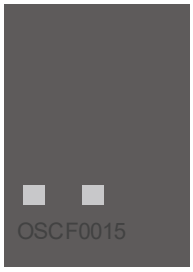

OSCF0009


OSCF0010


OSCF0011


OSCF0012


OSCF0014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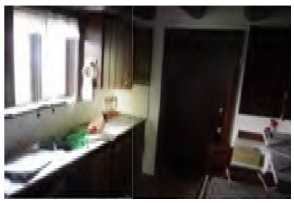
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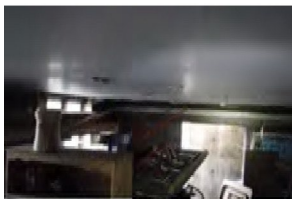
OSCF9999

Subject to Field Inspection

Reviewed for Code Compliance by Kitsap County Building Department

mwinchester 03/22/2023

Long Lake House Demo

Comm ats

Parcel No: 082302-2-010-2003 TaxPayer: LONG LAKE PARK Site Address: MULTIPLE ADDRESSES ON FILE

NORTH
1" = 200'

** This map is not a substitue for field survey ** **Map Scale:** 1 inch = 200 feet

Kitsap Co. Parcel Search Application

Printed March 7, 2023

Rose Environmental

6715 Greenwood Avenue North
Seattle, WA 98103

Phone: 206.679.0699
www.roseenvironmental.com

Matthew Oxford, Assoc. AIA
Capital Projects Planner
Kitsap County Parks
1195 NW Fairgrounds Road
Bremerton, WA 98311
Phone 360.337.5364
Email moxford@kitsap.gov

January 19, 2023

Subject: Pre-Renovation Regulated Building Materials Assessment – Residence, Long Lake Park, 5248 Long Lake Road, Port Orchard, Washington

Dear Matt:

On January 6, 2023, Rose Environmental LLC conducted a regulated building materials assessment for (1) suspect asbestos-containing materials, (2) silica-containing building materials, and (3) polychlorinated biphenyls (PCBs), mercury, and/or chlorofluorocarbons (CFCs) within the Long Lake Park residential building located at 5248 Long Lake Road in Port Orchard, Washington. Additionally, samples of representative building materials were collected from each building for the EPA's Toxic Characteristic Leaching Procedure (TCLP) for l lead content. The purpose of the inspection was to verify the presence of absence of regulated building materials which may be impacted as part of an upcoming demolition project.

ASBESTOS SAMPLING – METHODS & RESULTS

Mr. Tyler Stevens, CSP, an EPA AHERA-accredited inspector from Rose Environmental, (Asbestos Inspector Certification #183460/ Certification Expiration Date: January 6, 2023), conducted the survey. Rose Environmental collected samples of suspect asbestos-containing materials; the samples were collected full depth to the surface of the underlying substrate.

The bulk samples collected were submitted under strict chain of custody procedures to NVL Laboratories, a qualified independent laboratory for analysis. NVL is a member of the National Voluntary Laboratory Accreditation Program (NVLAP 102063-0).

The asbestos samples were analyzed using polarized light microscopy (PLM) with dispersion staining in accordance with US EPA method 600/R-93/116 as specified in 40 CFR Chapter I (7-1-93 edition) Part 763, Subpart F, Appendix A, pages 499-504. Polarizing light microscopy quantifies asbestos concentrations at between 100% and 1% detection levels. Levels below 1% can only be stated as "trace."

Table 1: Asbestos Sampling Results				
Sample ID	**Material Description**	**Location**	**Asbestos Content**	**Estimated Quantity**
Non-Asbestos Containing Materials				
LL-A1	Black asphaltic felt vapor barrier	Exterior Siding	NAD	NA
LL-A2	Black asphaltic shingle with granules	Roof	NAD	NA
LL-A3	Black 16-inch by 16-inch VCT / Mastic / White SV w/ fibrous backing	Kitchen	NAD	NA
LL-A4	Black sink undercoating on metal sink		NAD	NA
LL-A5	Black laminate countertop / Mastic		NAD	NA
LL-A6	Grey grout / mortar at Fireplace Pad	Living Room	NAD	NA
LL-A7	White woven fireproof rope gasket	Wood Stove	NAD	NA
LL-A8	White VCT /mastic / White SV w/ fibrous backing	Bathroom	NAD	NA
LL-A9	Blue-painted skip-trowel textured GWB		NAD	NA
LL-A10	Yellow- painted skip-trowel textured GWB	Living Room	NAD	NA
LL-A11	Painted brown board GWB system	Upstairs Landing	NAD	NA
LL-A12	Painted white board GWB system	Upstairs North Bedroom	NAD	NA
LL-A13	Grey asphaltic roofing	Balcony	NAD	NA
LL-A14	Heavy textured painted GWB system	Upstairs North Bedroom	NAD	NA

Notes: GWB = gypsum wallboard SV = sheet vinyl flooring NAD = No asbestos detected

In summary, the survey and laboratory results revealed that none of the materials sampled were found to contain asbestos.

SILICA-CONTAINING BUILDING MATERIALS

Rose Environmental observed the following materials designated to be impacted during upcoming construction work which are presumed to contain respirable crystalline silica:

1. Concrete foundation.

2. Stone masonry and associated grout and mortar comprising the wood stove pad.

Worker (and bystander) exposure to dusts created by construction activities impacting silica-containing materials should be mitigated in accordance with L&I DOSH regulations (WAC 296-840) and good indoor air quality techniques.

MERCURY-CONTAINING FLUORESCENT LAMPS AND POLYCHLORINATED BIPHENYL LIGHT BALLASTS AND BUILDING MATERIALS

Rose Environmental conducted an inventory of installed regulated materials which may be classified as universal hazardous waste, which may be impacted as part of upcoming demolition work. These materials included mercury-containing items such as fluorescent light tubes, high-intensity discharge lighting, thermostats, and CFC-containing items such as air-conditioning units.

In summary, fluorescent tubes (in two fixtures in the Kitchen) and compact fluorescent bulbs (in fixtures in various rooms) were found to be labeled as mercury-containing (Hg).

Both fluorescent ballasts were labeled as non-PCB. Where ballasts are encountered during demolition which do not have a "non-PCB" label or are not obviously manufactured after 1998, these should be assumed to contain PCBs and be tracked, removed, handled, and disposed of in an appropriate manner. All manifesting and recycling documentation are required within the project closeout documentation.

Some of the requirements which apply to mercury-containing lighting within the Universal Waste Rule for Dangerous Waste Lamps (WAC 173-303-573), include:

- Do not dispose of universal waste as general or construction debris;
- Place in closed, structurally sound, compatible containers. Cardboard containers should be used for inside storage only;
- Label containers "Waste Lamps" or "Universal Waste Lamps";
- Do not crush fluorescent light tubes on site or during transit. Track shipments of universal waste lamps with records (invoice, manifest, etc.) kept for a minimum of 3 years.
- Provide training to employees on the proper handling and emergency procedures of universal waste lamps.

TCLP SAMPLING FOR LEAD

On January 6, 2023, Rose Environmental collected a sample for Toxicity Characteristic Leaching Procedure (TCLP) analysis. TCLP is a sample extraction method for chemical analysis employed as an analytical method to simulate leaching through a landfill. The sample was submitted to NVL Laboratories located in Seattle, Washington where it was prepared and analyzed for lead.

TCLP Lead Sampling Results
January 6, 2023
NVL Report 2300396

Sample ID	Sample Description	Surface Lead (mg/l & PPM)
LL-TCLP1	**Representative Building Materials Debris Samples**	**24.0**
	EPA Regulatory Limit:	**5**

The Environmental Protection Agency (EPA) Regulatory Limit for lead is 5.0 parts per million (ppm) or milligrams per liter (mg/l). The laboratory results from the sample collected were above the EPA Regulatory Limit. Therefore building material waste debris from the upcoming demolition project at the Long Lake Residence at 5248 Long Lake Road should be disposed of as regulated lead waste.

CONCLUSION AND RECOMMENDATIONS

In summary, the results of Rose Environmental's January 6, 2023 regulated materials survey within the Long Lake Residence did not identify any asbestos-containing materials.

A final TCLP sample of actual demolition waste from the project could be analyzed to verify regulated disposal status.

LIMITS OF SURVEY

Regulated building materials surveys are non-comprehensive by nature and subject to many limitations including those presented below. This survey is limited to only those locations sampled. Evaluation of other risks, such as toxic and hazardous substances in (or in contact with) soil and ground water, structural, electrical, mechanical, radon gas, slope stability, building settlement, moisture, or site drainage/flooding have not been included. No warranty, expressed or implied, is made.

The site visit consisted of a thorough visual walk-through of the area(s) of renovation for the purpose of viewing and/or sampling potential asbestos-containing material, lead-containing materials, silica-containing materials, RCRA-8 regulated metals, and/or polychlorinated biphenyls (PCBs). Rose Environmental is not responsible for materials which require destructive means to access, or materials which are hidden from sight, those materials hidden behind walls, or materials which cannot be found with reasonable diligence.

Rose Environmental performed this survey in accordance with the generally accepted standards of care that exist in the industrial hygiene profession in Washington State at the time of this study.

It has been a pleasure assisting you with this assessment. Should you have any questions regarding this summary, feel free to contact us via phone or email.

Respectfully,

Tyler Stevens, CSP
Industrial Hygienist
Rose Environmental LLC

Reviewed by,

Martin Rose, CIH, CSP
Principal/Senior Consultant
Rose Environmental LLC

Attachments: NVL Lab Reports 2300400, 2300396, Photographic Contact Sheet

January 15, 2023

Martin Rose
Rose Environmental
6715 Greenwood Ave. N
Seattle, WA 98107

RE: Bulk Asbestos Fiber Analysis; NVL Batch # 2300400.00

Client Project: 12321-LL-ASB
Location: N-A

Dear Mr. Rose,

Enclosed please find test results for the 14 sample(s) submitted to our laboratory for analysis on 1/9/2023.

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

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

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

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

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

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

Sincerely,

Munaf Khan, Laboratory Director

Testing
Lab Code: 102063-0

Enc.: Sample Results

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

Bulk Asbestos Fibers Analysis

By Polarized Light Microscopy

Client: Rose Environmental
Address: 6715 Greenwood Ave. N
Seattle, WA 98107

Attention: Mr. Martin Rose
Project Location: N-A

Batch #: 2300400.00
Client Project #: 12321-LL-ASB
Date Received: 1/9/2023
Samples Received: 14
Samples Analyzed: 14
Method: EPA/600/R-93/116

Lab ID: 23002783 **Client Sample #: LL-A1**

Location: N-A

Layer 1 of 1 **Description:** Brown paper with asphalt

Non-Fibrous Materials:	Other Fibrous Materials:%	**Asbestos Type: %**
Binder/Filler, Asphaltic Particles, Spider silk	Cellulose 78%	**None Detected ND**

Lab ID: 23002784 **Client Sample #: LL-A2**

Location: N-A

Comments: Wet sample was dried prior to analysis.

Layer 1 of 2 **Description:** Black asphaltic material with mineral grains and green/white granules

Non-Fibrous Materials:	Other Fibrous Materials:%	**Asbestos Type: %**
Asphalt/Binder, Asphaltic Particles, Granules	Glass fibers 53%	**None Detected ND**
Mineral grains		

Layer 2 of 2 **Description:** Black asphaltic fibrous material

Non-Fibrous Materials:	Other Fibrous Materials:%	**Asbestos Type: %**
Asphalt/Binder, Asphaltic Particles, Plant parts	Cellulose 55%	**None Detected ND**

Lab ID: 23002785 **Client Sample #: LL-A3**

Location: N-A

Layer 1 of 6 **Description:** Black vinyl with black soft sheet

Non-Fibrous Materials:	Other Fibrous Materials:%	**Asbestos Type: %**
Rubber/Binder, Fine particles	None Detected ND	**None Detected ND**

Layer 2 of 6 **Description:** Clear soft adhesive with dust

Non-Fibrous Materials:	Other Fibrous Materials:%	**Asbestos Type: %**
Fine particles, Adhesive/Binder, Wood chips	Cellulose 14%	**None Detected ND**
Mineral grains		

Sampled by: Client
Analyzed by: Muhammad Yousuf **Date:** 01/12/2023
Reviewed by: Munaf Khan **Date:** 01/15/2023

Munaf Khan, Laboratory Director

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

Bulk Asbestos Fibers Analysis

By Polarized Light Microscopy

Client: Rose Environmental
Address: 6715 Greenwood Ave. N
Seattle, WA 98107

Attention: Mr. Martin Rose
Project Location: N-A

Batch #: 2300400.00
Client Project #: 12321-LL-ASB
Date Received: 1/9/2023
Samples Received: 14
Samples Analyzed: 14
Method: EPA/600/R-93/116

Layer 3 of 6	**Description:** Black vinyl with light gray soft sheet			
	Non-Fibrous Materials:	Other Fibrous Materials:	%	**Asbestos Type: %**
	Rubber/Binder, Fine particles, Fine grains	None Detected	ND	**None Detected ND**
Layer 4 of 6	**Description:** Clear soft adhesive with dust			
	Non-Fibrous Materials:	Other Fibrous Materials:	%	**Asbestos Type: %**
	Fine particles, Adhesive/Binder	Cellulose	6%	**None Detected ND**
Layer 5 of 6	**Description:** Thin tan sheet vinyl			
	Non-Fibrous Materials:	Other Fibrous Materials:	%	**Asbestos Type: %**
	Vinyl/Binder, Fine particles, Synthetic foam	None Detected	ND	**None Detected ND**
Layer 6 of 6	**Description:** Tan paper backing with soaked in adhesive			
	Non-Fibrous Materials:	Other Fibrous Materials:	%	**Asbestos Type: %**
	Fine particles, Adhesive/Binder	Cellulose	71%	**None Detected ND**

Lab ID: 23002786 **Client Sample #: LL-A4**
Location: N-A

Layer 1 of 1	**Description:** Black asphaltic crumbly material			
	Non-Fibrous Materials:	Other Fibrous Materials:	%	**Asbestos Type: %**
	Asphalt/Binder, Asphaltic Particles, Fine grains	Cellulose	4%	**None Detected ND**

Lab ID: 23002787 **Client Sample #: LL-A5**
Location: N-A

Layer 1 of 1	**Description:** Laminate gray color with beige adhesive and wood chips			
	Non-Fibrous Materials:	Other Fibrous Materials:	%	**Asbestos Type: %**
	Fine particles, Adhesive/Binder, Wood chips	Cellulose	78%	**None Detected ND**

Lab ID: 23002788 **Client Sample #: LL-A6**
Location: N-A

Sampled by: Client
Analyzed by: Muhammad Yousuf **Date:** 01/12/2023
Reviewed by: Munaf Khan **Date:** 01/15/2023

Munaf Khan, Laboratory Director

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

Bulk Asbestos Fibers Analysis

By Polarized Light Microscopy

Client: Rose Environmental
Address: 6715 Greenwood Ave. N
Seattle, WA 98107

Attention: Mr. Martin Rose
Project Location: N-A

Batch #: 2300400.00
Client Project #: 12321-LL-ASB
Date Received: 1/9/2023
Samples Received: 14
Samples Analyzed: 14
Method: EPA/600/R-93/116

Layer 1 of 1 **Description:** Gray hard cementitious material

Non-Fibrous Materials:	Other Fibrous Materials:%	**Asbestos Type: %**
Cement/Binder, Cementitious particles, Mineral grains	Cellulose 5%	**None Detected ND**
Gravel, Spider silk	Wollastonite 1%	

Lab ID: 23002789 **Client Sample #: LL-A7**

Location: N-A

Layer 1 of 1 **Description:** White woven fibrous material with beige dust

Non-Fibrous Materials:	Other Fibrous Materials:%	**Asbestos Type: %**
Binder/Filler, Fine particles	Glass fibers 85%	**None Detected ND**

Lab ID: 23002790 **Client Sample #: LL-A8**

Location: N-A

Layer 1 of 4 **Description:** White/black vinyl

Non-Fibrous Materials:	Other Fibrous Materials:%	**Asbestos Type: %**
Rubber/Binder, Fine particles, Fine grains	None Detected ND	**None Detected ND**

Layer 2 of 4 **Description:** Clear soft adhesive

Non-Fibrous Materials:	Other Fibrous Materials:%	**Asbestos Type: %**
Fine particles, Adhesive/Binder	Cellulose 4%	**None Detected ND**

Layer 3 of 4 **Description:** Thin tan sheet vinyl

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

Layer 4 of 4 **Description:** Tan paper backing with soaked in adhesive

Non-Fibrous Materials:	Other Fibrous Materials:%	**Asbestos Type: %**
Fine particles, Adhesive/Binder	Cellulose 68%	**None Detected ND**

Lab ID: 23002791 **Client Sample #: LL-A9**

Location: N-A

Sampled by: Client
Analyzed by: Muhammad Yousuf **Date:** 01/12/2023
Reviewed by: Munaf Khan **Date:** 01/15/2023

Munaf Khan, Laboratory Director

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

Bulk Asbestos Fibers Analysis

By Polarized Light Microscopy

Client: Rose Environmental
Address: 6715 Greenwood Ave. N
Seattle, WA 98107

Attention: Mr. Martin Rose
Project Location: N-A

Batch #: 2300400.00
Client Project #: 12321-LL-ASB
Date Received: 1/9/2023
Samples Received: 14
Samples Analyzed: 14
Method: EPA/600/R-93/116

Layer 1 of 3	**Description:** White compacted powdery material with light blue paint			
	Non-Fibrous Materials:	Other Fibrous Materials:%		**Asbestos Type: %**
	Paint, Calcareous binder, Fine particles	Cellulose	<1%	**None Detected ND**
Layer 2 of 3	**Description:** White compacted powdery material with paper			
	Non-Fibrous Materials:	Other Fibrous Materials:%		**Asbestos Type: %**
	Binder/Filler, Fine particles	Cellulose	36%	**None Detected ND**
Layer 3 of 3	**Description:** White chalky crumbly material with paper			
	Non-Fibrous Materials:	Other Fibrous Materials:%		**Asbestos Type: %**
	Fine particles, Gypsum/Binder	Cellulose	19%	**None Detected ND**

Lab ID: 23002792 **Client Sample #: LL-A10**
Location: N-A

Layer 1 of 3	**Description:** White compacted powdery material with beige paint			
	Non-Fibrous Materials:	Other Fibrous Materials:%		**Asbestos Type: %**
	Paint, Calcareous binder, Fine particles	Cellulose	1%	**None Detected ND**
Layer 2 of 3	**Description:** White compacted powdery material with white/gray paint			
	Non-Fibrous Materials:	Other Fibrous Materials:%		**Asbestos Type: %**
	Paint, Calcareous binder, Fine particles	Cellulose	<1%	**None Detected ND**
Layer 3 of 3	**Description:** White chalky crumbly material with paper			
	Non-Fibrous Materials:	Other Fibrous Materials:%		**Asbestos Type: %**
	Fine particles, Gypsum/Binder	Cellulose	18%	**None Detected ND**

Lab ID: 23002793 **Client Sample #: LL-A11**
Location: N-A

Layer 1 of 2	**Description:** White compacted powdery material with fibers and leola almond color paint			
	Non-Fibrous Materials:	Other Fibrous Materials:%		**Asbestos Type: %**
	Paint, Calcareous binder, Fine particles	Glass fibers	5%	**None Detected ND**

Sampled by: Client
Analyzed by: Muhammad Yousuf **Date:** 01/12/2023
Reviewed by: Munaf Khan **Date:** 01/15/2023

Munaf Khan, Laboratory Director

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

Bulk Asbestos Fibers Analysis

By Polarized Light Microscopy

Client: Rose Environmental
Address: 6715 Greenwood Ave. N
Seattle, WA 98107

Attention: Mr. Martin Rose
Project Location: N-A

Batch #: 2300400.00
Client Project #: 12321-LL-ASB
Date Received: 1/9/2023
Samples Received: 14
Samples Analyzed: 14
Method: EPA/600/R-93/116

			Cellulose 1%	
Layer 2 of 2	**Description:** White chalky material with paper			
	Non-Fibrous Materials:	Other Fibrous Materials:%		**Asbestos Type: %**
	Fine particles, Gypsum/Binder	Cellulose 23%		**None Detected ND**

Lab ID: 23002794 **Client Sample #: LL-A12**
Location: N-A

Layer 1 of 3	**Description:** Thin layer of white compacted texture material with white paint			
	Non-Fibrous Materials:	Other Fibrous Materials:%		**Asbestos Type: %**
	Paint, Calcareous binder, Fine particles	Cellulose <1%		**None Detected ND**
Layer 2 of 3	**Description:** White compacted powdery crumbly material with paper			
	Non-Fibrous Materials:	Other Fibrous Materials:%		**Asbestos Type: %**
	Binder/Filler, Fine particles	Cellulose 33%		**None Detected ND**
Layer 3 of 3	**Description:** White chalky material with paper			
	Non-Fibrous Materials:	Other Fibrous Materials:%		**Asbestos Type: %**
	Fine particles, Gypsum/Binder	Cellulose 16%		**None Detected ND**

Lab ID: 23002795 **Client Sample #: LL-A13**
Location: N-A
Comments: Wet sample was dried prior to analysis.

Layer 1 of 1	**Description:** Black asphaltic material with mineral grains and granules			
	Non-Fibrous Materials:	Other Fibrous Materials:%		**Asbestos Type: %**
	Asphalt/Binder, Asphaltic Particles, Granules	Glass fibers 51%		**None Detected ND**
	Mineral grains			

Lab ID: 23002796 **Client Sample #: LL-A14**
Location: N-A

Sampled by: Client
Analyzed by: Muhammad Yousuf **Date:** 01/12/2023
Reviewed by: Munaf Khan **Date:** 01/15/2023

Munaf Khan, Laboratory Director

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

Bulk Asbestos Fibers Analysis

By Polarized Light Microscopy

Client: Rose Environmental
Address: 6715 Greenwood Ave. N
Seattle, WA 98107

Attention: Mr. Martin Rose
Project Location: N-A

Batch #: 2300400.00
Client Project #: 12321-LL-ASB
Date Received: 1/9/2023
Samples Received: 14
Samples Analyzed: 14
Method: EPA/600/R-93/116

Layer 1 of 3	**Description:** White compacted texture crumbly material with peach paint			
	Non-Fibrous Materials:	Other Fibrous Materials:%		**Asbestos Type: %**
	Paint, Calcareous binder, Fine particles	Cellulose	<1%	**None Detected ND**
Layer 2 of 3	**Description:** White compacted texture material with white paint			
	Non-Fibrous Materials:	Other Fibrous Materials:%		**Asbestos Type: %**
	Paint, Calcareous binder, Fine particles	Cellulose	1%	**None Detected ND**
Layer 3 of 3	**Description:** White chalky material with paper			
	Non-Fibrous Materials:	Other Fibrous Materials:%		**Asbestos Type: %**
	Fine particles, Gypsum/Binder	Cellulose	22%	**None Detected ND**

Sampled by: Client
Analyzed by: Muhammad Yousuf **Date:** 01/12/2023
Reviewed by: Munaf Khan **Date:** 01/15/2023

Munaf Khan, Laboratory Director

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

ASBESTOS LABORATORY SERVICES

Company	Rose Environmental	**NVL Batch Number**	**2300400.00**
Address	6715 Greenwood Ave. N	**TAT**	5 Days **AH** No
	Seattle, WA 98107	**Rush TAT**	
Project Manager	Mr. Martin Rose	**Due Date**	1/16/2023 **Time** 4:30 PM
Phone	(206) 679-0699	**Email**	roseenv@gmail.com
		Fax	(206) 279-1756

Project Name/Number: 12321-LL-ASB **Project Location:** N-A

Subcategory PLM Bulk

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

Total Number of Samples 14 Rush Samples

	Lab ID	Sample ID	Description	A/R
1	23002783	LL-A1		A
2	23002784	LL-A2		A
3	23002785	LL-A3		A
4	23002786	LL-A4		A
5	23002787	LL-A5		A
6	23002788	LL-A6		A
7	23002789	LL-A7		A
8	23002790	LL-A8		A
9	23002791	LL-A9		A
10	23002792	LL-A10		A
11	23002793	LL-A11		A
12	23002794	LL-A12		A
13	23002795	LL-A13		A
14	23002796	LL-A14		A

	Print Name	Signature	Company	Date	Time
Sampled by	Client				
Relinquished by	Client				

Office Use Only	Print Name	Signature	Company	Date	Time
Received by	Fatima Khan		NVL	1/9/23	1630
Analyzed by	Muhammad Yousuf		NVL	1/12/23	
Results Called by					
☐ **Faxed** ☐ **Emailed**					

Special Instructions:

Date: 1/9/2023
Time: 4:53 PM
Entered By: Fatima Khan

CHAIN of CUSTODY
SAMPLE LOG

2.3)04!0 ( )

Client Rose Environmental
Street 6.Ll:l GregnwQQdJ';\ve. N
Seattle. WA 9810]

Project Manager _M_r_. _M_a_rt_in_R_os e
Project Location

NVL Batch Number ----------
Client Job Number ---"t_·'V_ t/L.....:;._---===---_.,. "'-----
Total Samples ----------
Turn Around Time D 1 Hr D 6 Hrs D 3 Days D 10 Days D 2 Hrs D 1 Day D 4 Days D 4 Hrs D 2 Days **jL5** Days
Please call for TAT less than 24 Hrs

Email address roseenv@gmail.com

Phone: (206) 679-0699 **Fax:** (206) 279-1756

D **Asbestos Air**	☐PCM (NIOSH 7400) 0 TEM (NIOSH 7402) ☐TEM (AHERA) ☐TEM (EPA Level II) D Other	
sbestos Bulk	☒ PLM (EPN600/R-93/116) ☐PLM (EPA Point Count) 0 PLM (EPA Gravimetry) 0 TEM BULK	
0 **Mold/Funi:tus**	Mold Air 0 Mold Bulk D **Rotometer Calibration**	

METALS loet. Limit **Matrix**

D Total Metals 0 FM (ppm) D Air Filter D Paint Chips in %
☐ TCLP ☐ ICP (ppm) D Drinking water D Paint Chips in cm2
0Cr6 DGFM(ppb) D Dust/wipe (Area) D Waste Water
☐ 0 /RVM (ppb) 0 Soil D Other

RCRA Metals 0All8

D Arsenic (As) 0 Lead (Pb)
D Barium (Ba) D Mercury (Hg)
D Cadmium (Cd) D Selenium (Se)
D Chromium (Cr) D Silver (Ag)

Other Metals OAll3

D Copper (Cu)
0 Nickel **(Ni)**
D Zinc (Zn)

Other Types of Analysis Fiberglass Sllir,, D Nuisance Dust n Resoir::ible Dust D Other (Specify) _____

Condition of Package: D Good D Damaoed (no solllage) D Severe damaoe (soillacie)

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	Print Below	Sign Below	Company	Date	Time
Sampled by	T. S				
Relinquished by			Rose Env	1/6/23	
Received by				1/9/23	1620
Analyzed by			Nwllabs	1/9/23	4.30
Results Called by					
Results Faxed by					

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

January 12, 2023

Martin Rose
Rose Environmental
6715 Greenwood Ave. N
Seattle, WA 98107

NVL Batch # 2300396.00

RE: Total Metal Analysis
Method: EPA 1311/7000B Lead by FAA <TCLP>
Item Code: TCLP-1

Client Project: 12321-LL-TCLP
Location: N-A

Dear Mr. Rose,

NVL Labs received 1 sample(s) for the said project on 1/9/2023. Preparation of these samples was conducted following protocol outlined in EPA 1311/7000B, unless stated otherwise. Analysis of these samples was performed using analytical instruments in accordance with EPA 1311/7000B Lead by FAA <TCLP>. The results are usually expressed in mg/L and ppm. Test results are not blank corrected.

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

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

Sincerely,

Shalini Patel, Manager Metals Lab

Enc.: Sample results

AIHA LAP, LLC
ACCREDITED LABORATORY
INDUSTRIAL HYGIENE & ENVIRONMENTAL LEAD
ISO/IEC 17025:2005
LAB # 101861

Analysis Report

Toxicity Characteristic Leaching Procedure - Lead (Pb)

Client: Rose Environmental

Address: 6715 Greenwood Ave. N
Seattle, WA 98107

Attention: **Mr. Martin Rose**

Project Location: N-A

Batch #: 2300396.00

Matrix: Bulk

Method: EPA 1311/7000B

Client Project #: 12321-LL-TCLP

Date Received: 1/9/2023

Samples Received: 1

Samples Analyzed: 1

Lab ID	Client Sample #	RL mg/ L	Results in mg/L	Results in ppm
23002765	LL-TCLP1	0.5	24.0	24.0

Sampled by: Client

Analyzed by: Yasuyuki Hida

Reviewed by: Shalini Patel

Date Analyzed: 01/12/2023

Date Issued: 01/12/2023

Shalini Patel, Manager Metals Lab

mg/ L =Milligrams per liter

ppm = parts per million

RL = Reporting Limit

'<' = Below the reporting Limit

Note : Method QC results are acceptable unless stated otherwise.
Unless otherwise indicated, the condition of all samples was acceptable at time of receipt.

Bench Run No: 2023-0111-07

LEAD LABORATORY SERVICES

Company	Rose Environmental	**NVL Batch Number**	**2300396.00**
Address	6715 Greenwood Ave. N	**TAT**	5 Days **AH** No
	Seattle, WA 98107	**Rush TAT**	
Project Manager	Mr. Martin Rose	**Due Date**	1/16/2023 **Time** 4:30 PM
Phone	(206) 679-0699	**Email**	roseenv@gmail.com
		Fax	(206) 279-1756

Project Name/Number: 12321-LL-TCLP **Project Location:** N-A

Subcategory Flame AA (FAA)

Item Code TCLP-1 EPA 1311/7000B Lead by FAA <TCLP>

Total Number of Samples 1 Rush Samples

	Lab ID	Sample ID	Description	A/R
1	23002765	LL-TCLP1		A

	Print Name	Signature	Company	Date	Time
Sampled by	Client				
Relinquished by	Client				

Office Use Only	Print Name	Signature	Company	Date	Time
Received by	Fatima Khan		NVL	1/9/23	1630
Analyzed by	Yasuyuki Hida		NVL	1/12/23	
Results Called by					
☐ **Faxed** ☐ **Emailed**					

Special Instructions:

Date: 1/9/2023
Time: 4:50 PM
Entered By: Kelly AuVu

CHAIN of CUSTODY

SAMPLE LOG 23 103 6

Client Rose Environmental

Street 6.7J.5.fuee0Y.'LQ.Qd.Ave.J ---------
S_egJ;tl,e WA.9 8J.0 I._____

Project Manager _M_r_. _M_a_rt_in_R_o_s_e_____

Project Location _____

Phone: (206) 679-0699 **Fax:** (206) 279-1756

NVL Batch Number----------=----

Client Job Number tJ3:U ..- L---l.-- - Tl...L_()

Total Samples------ -------

Turn Around Time D 1 Hr D 6 Hrs D 3 Days D 10 Days
D 2 Hrs D 1 Day D 4 Days
D 4 Hrs D 2 Days Jil.t5 Days
Please call for TAT less than 24 Hrs

Email address roseenv@gmail.com

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

0 **Asbestos Bulk**! ☐ PLM (EPA/600/R-93/116) 0 PLM (EPA Point Count) D PLM (EPA Gravimetry) D TEM BULK

D **Mold/Fungus** ID Mold Air Mold Bulk O **Rotometer Calibration**

D Total Metals D FAA (ppm) D Air Filter D Paint Chips in % D Arsenic (As) ead (Pb) DAll3
&TCLP D ICP (ppm) D Drinking water D Paint Chips in cm2 0 Barium (Ba) D Mercury (Hg) D Copper (Cu)
DCr6 D GFAA (ppb) D Dust/wipe (Area) D Waste Water D Cadmium (Cd) D Selenium (Se) D Nickel (Ni)
☐ D CVAA (ppb) D Soil D Other D Chromium (Cr) D Silver (Ag) D Zinc (Zn)
JR

Other Types of Analysis Fiberglass D Nuisance Dust D Other (Specify) _____
Silica n Resoirable Dust

Condition of Package: D Good D Damaged (no soillage) 0 Severe damage (spillage)

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	Print Below	Sign Below	Company	Date	Time
Sampled by	T. S		Rose Env	1/6/23	
Relinquished by	Nathalie			1/9/23	16:20
Received by			Nwlabs	1/9/23	4:39
Analyzed by					
Results Called by					
Results Faxed by					

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

d

OSCF0017

OSCF0018

OSCF0019

OSCF0020

OSCF0021

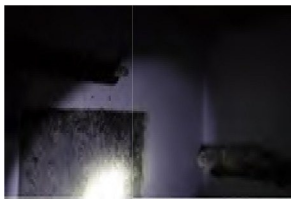
OSCF0022

OSCF0023

OSCF0024

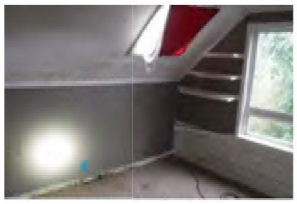
OSCF0025

OSCF0026



OSCF0027

OSCF0028



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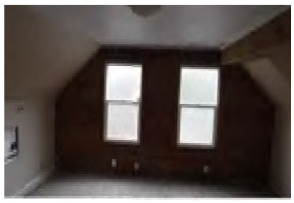
OSCF0030



OSCF0031

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05CF0037

05CF0038

05CF0039

05CF0040

05CF0041

05CF0042

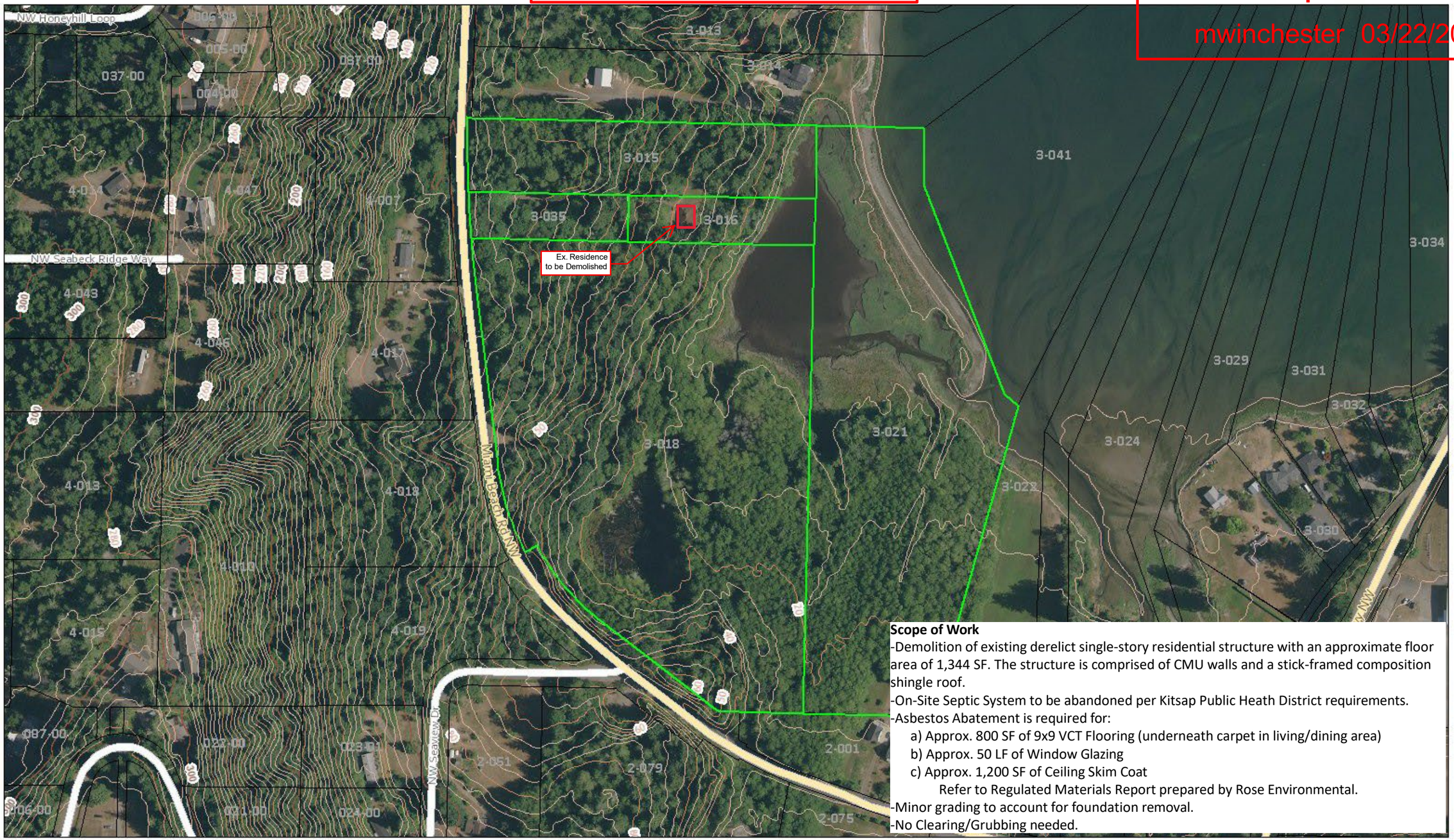
05CF0043

Subject to Field Inspection

Nicks Lagoon Demo

Reviewed for Code Compliance by Kitsap County Building Department

mwinchester 03/22/2023



Scope of Work

-Demolition of existing derelict single-story residential structure with an approximate floor area of 1,344 SF. The structure is comprised of CMU walls and a stick-framed composition shingle roof.

-On-Site Septic System to be abandoned per Kitsap Public Heath District requirements.

-Asbestos Abatement is required for:

a) Approx. 800 SF of 9x9 VCT Flooring (underneath carpet in living/dining area)

b) Approx. 50 LF of Window Glazing

c) Approx. 1,200 SF of Ceiling Skim Coat

Refer to Regulated Materials Report prepared by Rose Environmental.

-Minor grading to account for foundation removal.

-No Clearing/Grubbing needed.

Comments Parcel No.: 202501-3-021-1003 TaxPayer: KITSAP COUNTY FAIR Site Address: NO ADDRESS FOUND

** This map is not a substitute for field survey ** **Map Scale:** 1 inch = 200 feet

NORTH
1" = 200'

Kitsap Co. Parcel Search Application

Printed March 7, 2023

Rose Environmental

6715 Greenwood Avenue North
Seattle, WA 98103

Phone: 206.679.0699
www.roseenvironmental.com

Matthew Oxford, Assoc. AIA
Capital Projects Planner
Kitsap County Parks
1195 NW Fairgrounds Road
Bremerton, WA 98311
Phone 360.337.5364
Email moxford@kitsap.gov

January 19, 2023

Subject: Pre-Renovation Regulated Building Materials Assessment – Residence, Nick's Lagoon, 8422 Miami Beach Drive, Seabeck, Washington

Dear Matt:

On January 4, 2023, Rose Environmental LLC conducted a regulated building materials assessment for (1) suspect asbestos-containing materials, (2) silica-containing building materials, (3) polychlorinated biphenyls (PCBs), mercury, and/or chlorofluorocarbons (CFCs) and (4) RCRA-8 metals, within the Nick's Lagoon Residential Building located at 8422 Miami Beach Drive in Seabeck, Washington. Additionally, samples of representative building materials were collected from each building for the EPA's Toxic Characteristic Leaching Procedure (TCLP) for lead. The purpose of the inspection was to verify the presence of absence of regulated building materials which may be impacted as part of an upcoming demolition project.

ASBESTOS SAMPLING – METHODS & RESULTS

Mr. Tyler Stevens, CSP, an EPA AHERA-accredited inspector from Rose Environmental, (Asbestos Inspector Certification #183460/ Certification Expiration Date: January 6, 2023), conducted the survey. Rose Environmental collected samples of suspect asbestos-containing materials; the samples were collected full depth to the surface of the underlying substrate.

The bulk samples collected were submitted under strict chain of custody procedures to NVL Laboratories, a qualified independent laboratory for analysis. NVL is a member of the National Voluntary Laboratory Accreditation Program (NVLAP 102063-0).

The asbestos samples were analyzed using polarized light microscopy (PLM) with dispersion staining in accordance with US EPA method 600/R-93/116 as specified in 40 CFR Chapter I (7-1-93 edition) Part 763, Subpart F, Appendix A, pages 499-504. Polarizing light microscopy quantifies asbestos concentrations at between 100% and 1% detection levels. Levels below 1% can only be stated as "trace."

Table 1: Asbestos Sampling Results				
Sample ID	**Material Description**	**Location**	**Asbestos Content**	**Estimated Quantity**
Asbestos Containing Materials				
NL-A5	**Carpet/Pad on Brown w/ Yellow streaks 9-inch by 9-inch VCT / Black mastic / White concrete**	**Living Room / Dining Room *(Possibly under sheet vinyl in Bedrooms)***	**4-5% Chrysotile Asbestos in the 9x9 VCT Layer**	**~800+ SF**
NL-A12	**Red/Brown "tile"-patterned 12-inch by 12-inch VCT / Brown w/ Yellow streaks 9-inch by 9-inch VCT / Black mastic**	**Kitchen**		
NL-A14	**White 6-inch by 6-inch "tile"-patterned SV w/ fibrous backing / Mastic / Green 9-inch by 9-inch VCT / Black mastic**	**Bathroom**		
NL-A6	**White-painted window glazing**	**Windows, Throughout**	**13% Chrysotile Asbestos in the Glazing Layer**	**~20-50 LF PER WINDOW**
NL-A7	**Light Blue-painted 1/4-inch GWB System**	**Ceiling – Throughout**	**3% Chrysotile Asbestos in the Skim Coat Layer**	**~1,200+ SF**
Non-Asbestos Containing Materials				
NL-A1	Black asphaltic shingles / Black asphaltic felt	Roof	NAD	NA
NL-A2	Grey cement slag	Exterior Perimeter @ Base of Foundation	NAD	NA
NL-A3	White/ Yellow-painted CMU / Grey mortar	Exterior Walls	NAD	NA
NL-A4	Grey concrete top slab	West Exterior Patio	NAD	NA
NL-A8	Red accent brick / Grey mortar on Mantle	Living Room – Mantle	NAD	NA
NL-A9	Yellow fire brick / Grey grout in Fireplace	Living Room – Fireplace	NAD	NA
NL-A10	Red ceramic tile / Grey mortar / Grey grout	Living Room – Hearth	NAD	NA
NL-A11	Red chimney brick / Grey mortar	Living Room - Chimney	NAD	NA
NL-A13	Pink laminate countertop / Mastic	Kitchen	NAD	NA
NL-A15	White 6-inch by 6-inch ceramic wall tile / Grey grout / Grey mortar	Bathroom	NAD	NA
NL-A16	White SV with fibrous backing / Mastic	SE / SW Bedrooms (Under Carpet)	NAD	NA
NL-A17	Blue-painted GWB system	Bathroom walls	NAD	NA
NL-A18	White-painted CMU / Grey mortar	Interior Walls - Throughout	NAD	NA

Notes: GWB = gypsum wallboard; CMU = concrete masonry unit; SV = sheet vinyl flooring; VCT = vinyl composition tile; NAD = No asbestos detected; LF = lineal feet

In summary, the survey and laboratory results revealed that:

A) Approximately 800 square feet in total of **brown with yellow-streaks and/or green 9-inch by 9-inch VCT flooring,** as found concealed under carpet throughout the Living Room and Dining Room, as well as concealed under newer vinyl flooring layers in the Kitchen and Bathroom, **contained 4% to 5% chrysotile asbestos in the 9" x 9" VCT layer.**

B) Approximately 20 to 50 lineal feet *per window* of **white-painted window glazing,** found on metal-framed windows throughout the house **contained 13% chrysotile asbestos.**

C) Approximately 1,200 square feet of **light blue-painted GWB with skim coat,** found on the ceilings throughout, **contained 3% chrysotile asbestos in the skim coat layer.**

Photos 1-3: Representative Photos of Concealed 9x9 VCT as Found in Living Room, Kitchen, and Bathroom (L), GWB Ceiling System, as Found Throughout (C), and White-Painted Window Glazing as Found on Metal-Framed Windows throughout the Dwelling (R):

SILICA-CONTAINING BUILDING MATERIALS

Rose Environmental observed the following materials designated to be impacted during upcoming construction work which are presumed to contain respirable crystalline silica:

1. Concrete Foundation walls and Patios, as found at the building exterior.

2. Concrete masonry unit (CMU) bricks and mortar, comprising the exterior building walls and the majority of interior walls.

3. Brick masonry and associated grout and mortar, comprising the fireplace and chimney.

Worker (and bystander) exposure to dusts created by construction activities impacting silica-containing materials should be mitigated in accordance with L&I DOSH regulations (WAC 296-840) and good indoor air quality techniques.

MERCURY-CONTAINING FLUORESCENT LAMPS AND POLYCHLORINATED BIPHENYL LIGHT BALLASTS AND BUILDING MATERIALS

Rose Environmental conducted an inventory of installed regulated materials which may be classified as universal hazardous waste, which may be impacted as part of upcoming demolition work. These materials included mercury-containing items such as fluorescent light tubes, high-intensity discharge lighting, thermostats, and CFC-containing items such as air-conditioning units.

In summary, no mercury-containing (Hg), CFC-containing, or PCB-containing building fixtures were noted within areas designated as part of upcoming demolition work at the Nick's Lagoon Residence Building.

One representative paint and mortar sample was submitted to NVL Laboratories, in Seattle, Washington for analysis in accordance with EPA SW-846 Method 8082a (PCBs) via Gas Chromatography.

PCB Sampling Results
January 4, 2023
NVL Report 2300405

Sample ID	Sample Description	PCBs (mg/kg)
NL-PCB1	Building Exterior/Interior Walls White/Yellow paint and mortar on CMU Walls	<0.89
	EPA Regulatory Limit:	**<50**

In summary, none of the representative samples were found to contain detectable quantities of polychlorinated biphenyls (PCBs).

REGULATED METALS IN BUILDING MATERIALS

Rose Environmental inspected for potential building materials (i.e., masonry mortar), which may be impacted as part of upcoming renovation work, which may contain the following regulated Resource Conservation and Recovery Act (RCRA) metals: Arsenic, Barium, Cadmium, Chromium, Lead, Mercury, Selenium, and Silver, for the purpose of managing solid waste during construction.

One representative CMU mortar sample was submitted to NVL Laboratories, in Seattle, Washington for analysis in accordance with EPA methods 3051/6010D/7471B (RCRA 8).

In summary, the following materials, which may potentially be impacted during upcoming renovation work, was identified by laboratory analysis, as containing RCRA-8 regulated metals:

1. **Exterior/Interior CMU Wall Mortar:** Barium (39.0 milligrams per kilogram (mg/kg)) and arsenic (41.0 milligrams per kilogram (mg/kg)) were detected within mortar associated with concrete masonry unit bricks, as sampled from the building exterior (and typical of other locations throughout the building).

In order to protect workers and building occupants, impact of materials with detectable concentrations of regulated metals requires construction activities to be performed according to Washington L&I regulations WAC 296-62. Demolition waste with regulated metals should be handled in accordance with WAC 173-303.

Photos 4-5: Painted CMU Walls with Mortar at Exterior and Interior of Residence (R):

TCLP SAMPLING FOR LEAD

On January 4, 2023, Rose Environmental collected a sample for Toxicity Characteristic Leaching Procedure (TCLP) analysis. TCLP is a sample extraction method for chemical analysis employed as an analytical method to simulate leaching through a landfill. The sample was submitted to NVL Laboratories located in Seattle, Washington where it was prepared and analyzed for lead.

TCLP Lead Sampling Results
January 4, 2023
NVL Report 2300395

Sample ID	Sample Description	Surface Lead (mg/l & PPM)
NL-TCLP1	Representative Building Materials Debris Samples	<0.5
	EPA Regulatory Limit:	**5**

The Environmental Protection Agency (EPA) Regulatory Limit for Lead is 5.0 parts per million (ppm) or milligrams per liter (mg/l). The laboratory results from the sample collected were below the EPA Regulatory Limit. Therefore, following the completion of abatement of asbestos-containing materials, the remaining building material waste debris from the upcoming demolition project at 8422 Miami Beach Drive may be disposed of as normal construction waste as opposed to regulated lead waste.

CONCLUSION AND RECOMMENDATIONS

In summary, the results of Rose Environmental's January 4, 2023 regulated materials survey within the Nick's Lagoon residence, confirmed asbestos content greater than one percent in the (a) 9-inch by 9-inch VCT found underneath more recently-installed carpet and vinyl flooring layers in the Living Room/Dining Room, Kitchen, and Bathroom. Additionally, asbestos content

greater than one percent was found in (b) blue-painted skim coat on GWB ceilings throughout the building and in (c) white-painted window glazing found on metal-framed windows throughout the building.

Asbestos-containing materials are required to be removed and disposed of in accordance with Washington State Regulations prior to any demolition, renovation, or remodeling that would disturb these materials. Washington State Department of Labor and Industries and PSCAA require that the abatement be performed using Certified Asbestos Workers under the direct on-site supervision of a Certified Asbestos Supervisor.

LIMITS OF SURVEY

Regulated building materials surveys are non-comprehensive by nature and subject to many limitations including those presented below. This survey is limited to only those locations sampled. Evaluation of other risks, such as toxic and hazardous substances in (or in contact with) soil and ground water, structural, electrical, mechanical, radon gas, slope stability, building settlement, moisture, or site drainage/flooding have not been included. No warranty, expressed or implied, is made.

The site visit consisted of a thorough visual walk-through of the area(s) of renovation for the purpose of viewing and/or sampling potential asbestos-containing material, lead-containing materials, silica-containing materials, RCRA-8 regulated metals, and/or polychlorinated biphenyls (PCBs). Rose Environmental is not responsible for materials which require destructive means to access, or materials which are hidden from sight, those materials hidden behind walls, or materials which cannot be found with reasonable diligence.

Rose Environmental performed this survey in accordance with the generally accepted standards of care that exist in the industrial hygiene profession in Washington State at the time of this study.

It has been a pleasure assisting you with this assessment. Should you have any questions regarding this summary, feel free to contact us via phone or email.

Respectfully,

Tyler Stevens, CSP
Industrial Hygienist
Rose Environmental LLC

Reviewed by,

Martin Rose, CIH, CSP
Principal/Senior Consultant
Rose Environmental LLC

Attachments: NVL Lab Report #2300394 (asbestos)
NVL Report #2300395 (lead TCLP)
NVL Lab Report #2300405 (PCBs)
NVL Lab Report #2300407 (RCRA8 Metals)
Photographic Contact Sheet

January 17, 2023

Martin Rose
Rose Environmental
6715 Greenwood Ave. N
Seattle, WA 98107

RE: Bulk Asbestos Fiber Analysis; NVL Batch # 2300394.00

Client Project: 12321-NL-ASB
Location: N-A

Dear Mr. Rose,

Enclosed please find test results for the 18 sample(s) submitted to our laboratory for analysis on 1/9/2023.

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

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

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

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

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

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

Sincerely,

Nick Ly, Technical Director

Testing
Lab Code: 102063-0

Enc.: Sample Results

Bulk Asbestos Fibers Analysis

By Polarized Light Microscopy

Client: Rose Environmental
Address: 6715 Greenwood Ave. N
Seattle, WA 98107

Attention: Mr. Martin Rose
Project Location: N-A

Batch #: 2300394.00
Client Project #: 12321-NL-ASB
Date Received: 1/9/2023
Samples Received: 18
Samples Analyzed: 18
Method: EPA/600/R-93/116

Lab ID: 23002746 **Client Sample #: NL-A1**
Location: N-A

Layer 1 of 2 **Description:** Black asphaltic fibrous material with granules

Non-Fibrous Materials:	Other Fibrous Materials:%	**Asbestos Type: %**
Asphalt/Binder, Granules, Fine grains	Glass fibers 51%	**None Detected ND**
Fine particles, Organic/binder	Cellulose 4%	

Layer 2 of 2 **Description:** Black asphaltic fibrous material

Non-Fibrous Materials:	Other Fibrous Materials:%	**Asbestos Type: %**
Asphalt/Binder, Fine particles	Cellulose 63%	**None Detected ND**

Lab ID: 23002747 **Client Sample #: NL-A2**
Location: N-A

Layer 1 of 1 **Description:** Gray brittle material

Non-Fibrous Materials:	Other Fibrous Materials:%	**Asbestos Type: %**
Binder/Filler, Fine grains, Cementitious particles	None Detected ND	**None Detected ND**

Lab ID: 23002748 **Client Sample #: NL-A3**
Location: N-A

Layer 1 of 3 **Description:** Orange crumbly material with paint

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

Layer 2 of 3 **Description:** Gray cementitious material

Non-Fibrous Materials:	Other Fibrous Materials:%	**Asbestos Type: %**
Cement/Binder, Gravel, Cementitious particles	None Detected ND	**None Detected ND**

Sampled by: Client
Analyzed by: Akane Yoshikawa **Date:** 01/16/2023
Reviewed by: Nick Ly **Date:** 01/17/2023

Nick Ly, Technical Director

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

Bulk Asbestos Fibers Analysis

By Polarized Light Microscopy

Client: Rose Environmental
Address: 6715 Greenwood Ave. N
Seattle, WA 98107

Attention: Mr. Martin Rose
Project Location: N-A

Batch #: 2300394.00
Client Project #: 12321-NL-ASB
Date Received: 1/9/2023
Samples Received: 18
Samples Analyzed: 18
Method: EPA/600/R-93/116

Layer 3 of 3 **Description:** Gray brittle material with paint

Non-Fibrous Materials:	Other Fibrous Materials:	%	**Asbestos Type: %**
Binder/Filler, Pumice, Cementitious particles	None Detected	ND	**None Detected ND**
Paint			

Lab ID: 23002749 **Client Sample #: NL-A4**

Location: N-A

Layer 1 of 1 **Description:** Gray cementitious material

Non-Fibrous Materials:	Other Fibrous Materials:	%	**Asbestos Type: %**
Cement/Binder, Fine grains, Cementitious particles	None Detected	ND	**None Detected ND**

Lab ID: 23002750 **Client Sample #: NL-A5**

Location: N-A

Layer 1 of 3 **Description:** Brown brittle tile

Non-Fibrous Materials:	Other Fibrous Materials:	%	**Asbestos Type: %**
Binder/Filler, Fine grains, Fine particles	None Detected	ND	**Chrysotile 4%**

Layer 2 of 3 **Description:** Black asphaltic mastic

Non-Fibrous Materials:	Other Fibrous Materials:	%	**Asbestos Type: %**
Asphalt/Binder, Fine particles	None Detected	ND	**None Detected ND**

Layer 3 of 3 **Description:** Off-white crumbly material

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

Lab ID: 23002751 **Client Sample #: NL-A6**

Location: N-A

Layer 1 of 1 **Description:** Beige crumbly material with paint

Non-Fibrous Materials:	Other Fibrous Materials:	%	**Asbestos Type: %**
Binder/Filler, Fine grains, Fine particles	Cellulose	2%	**Chrysotile 13%**

Sampled by: Client
Analyzed by: Akane Yoshikawa **Date:** 01/16/2023
Reviewed by: Nick Ly **Date:** 01/17/2023

Nick Ly, Technical Director

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

Bulk Asbestos Fibers Analysis

By Polarized Light Microscopy

Client: Rose Environmental
Address: 6715 Greenwood Ave. N
Seattle, WA 98107

Attention: Mr. Martin Rose
Project Location: N-A

Batch #: 2300394.00
Client Project #: 12321-NL-ASB
Date Received: 1/9/2023
Samples Received: 18
Samples Analyzed: 18
Method: EPA/600/R-93/116

Paint

Lab ID: 23002753 **Client Sample #: NL-A7**
Location: N-A

Layer 1 of 2 **Description:** Beige compacted powdery material with paper & paint

Non-Fibrous Materials:	Other Fibrous Materials:%	**Asbestos Type: %**
Binder/Filler, Fine grains, Fine particles	Cellulose 11%	**Chrysotile 3%**
Paint		

Layer 2 of 2 **Description:** White chalky material with paper

Non-Fibrous Materials:	Other Fibrous Materials:%	**Asbestos Type: %**
Gypsum/Binder, Fine grains, Calcareous particles	Cellulose 14%	**None Detected ND**
	Glass fibers 7%	

Lab ID: 23002754 **Client Sample #: NL-A8**
Location: N-A

Layer 1 of 2 **Description:** Red brittle tile

Non-Fibrous Materials:	Other Fibrous Materials:%	**Asbestos Type: %**
Binder/Filler, Mineral grains, Fine particles	None Detected ND	**None Detected ND**

Layer 2 of 2 **Description:** Off-white sandy/brittle material

Non-Fibrous Materials:	Other Fibrous Materials:%	**Asbestos Type: %**
Binder/Filler, Mineral grains, Fine grains	None Detected ND	**None Detected ND**
Fine particles		

Lab ID: 23002755 **Client Sample #: NL-A9**
Location: N-A

Sampled by: Client
Analyzed by: Akane Yoshikawa **Date:** 01/16/2023
Reviewed by: Nick Ly **Date:** 01/17/2023

Nick Ly, Technical Director

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

Bulk Asbestos Fibers Analysis

By Polarized Light Microscopy

Client: Rose Environmental
Address: 6715 Greenwood Ave. N
Seattle, WA 98107

Attention: Mr. Martin Rose
Project Location: N-A

Batch #: 2300394.00
Client Project #: 12321-NL-ASB
Date Received: 1/9/2023
Samples Received: 18
Samples Analyzed: 18
Method: EPA/600/R-93/116

Layer 1 of 1 **Description:** Beige brittle material with debris

Non-Fibrous Materials:	Other Fibrous Materials:%	**Asbestos Type: %**
Binder/Filler, Mineral grains, Fine grains	Cellulose 3%	**None Detected ND**
Fine particles, Debris		

Lab ID: 23002756 **Client Sample #: NL-A10**

Location: N-A

Layer 1 of 3 **Description:** Red brittle material

Non-Fibrous Materials:	Other Fibrous Materials:%	**Asbestos Type: %**
Binder/Filler, Mineral grains, Fine particles	None Detected ND	**None Detected ND**

Layer 2 of 3 **Description:** Off-white brittle material

Non-Fibrous Materials:	Other Fibrous Materials:%	**Asbestos Type: %**
Binder/Filler, Mineral grains, Fine grains	None Detected ND	**None Detected ND**
Fine particles		

Layer 3 of 3 **Description:** Black asphaltic mastic

Non-Fibrous Materials:	Other Fibrous Materials:%	**Asbestos Type: %**
Asphalt/Binder, Fine particles	Cellulose 2%	**None Detected ND**

Lab ID: 23002757 **Client Sample #: NL-A11**

Location: N-A

Layer 1 of 2 **Description:** Red brittle material

Non-Fibrous Materials:	Other Fibrous Materials:%	**Asbestos Type: %**
Binder/Filler, Mineral grains, Fine particles	None Detected ND	**None Detected ND**

Layer 2 of 2 **Description:** Off-white brittle material

Non-Fibrous Materials:	Other Fibrous Materials:%	**Asbestos Type: %**
Binder/Filler, Mineral grains, Fine grains	None Detected ND	**None Detected ND**

Sampled by: Client
Analyzed by: Akane Yoshikawa **Date:** 01/16/2023
Reviewed by: Nick Ly **Date:** 01/17/2023

Nick Ly, Technical Director

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

Bulk Asbestos Fibers Analysis

By Polarized Light Microscopy

Client: Rose Environmental
Address: 6715 Greenwood Ave. N
Seattle, WA 98107

Attention: Mr. Martin Rose
Project Location: N-A

Batch #: 2300394.00
Client Project #: 12321-NL-ASB
Date Received: 1/9/2023
Samples Received: 18
Samples Analyzed: 18
Method: EPA/600/R-93/116

Fine particles

Lab ID: 23002758 **Client Sample #: NL-A12**
Location: N-A

Layer 1 of 4	**Description:** Beige sheet vinyl		
	Non-Fibrous Materials:	Other Fibrous Materials:%	**Asbestos Type: %**
	Vinyl/Binder, Synthetic foam	Glass fibers 12%	**None Detected ND**
Layer 2 of 4	**Description:** Yellow adhesive		
	Non-Fibrous Materials:	Other Fibrous Materials:%	**Asbestos Type: %**
	Adhesive/Binder, Fine particles	Cellulose 3%	**None Detected ND**
Layer 3 of 4	**Description:** Brown brittle tile		
	Non-Fibrous Materials:	Other Fibrous Materials:%	**Asbestos Type: %**
	Binder/Filler, Fine grains, Fine particles	None Detected ND	**Chrysotile 5%**
Layer 4 of 4	**Description:** Black asphaltic mastic		
	Non-Fibrous Materials:	Other Fibrous Materials:%	**Asbestos Type: %**
	Asphalt/Binder, Fine particles	None Detected ND	**None Detected ND**

Lab ID: 23002759 **Client Sample #: NL-A13**
Location: N-A

Layer 1 of 2	**Description:** Tan compressed fibrous material with paint		
	Non-Fibrous Materials:	Other Fibrous Materials:%	**Asbestos Type: %**
	Binder/Filler, Fine particles, Paint	Cellulose 34%	**None Detected ND**
Layer 2 of 2	**Description:** Beige soft mastic		
	Non-Fibrous Materials:	Other Fibrous Materials:%	**Asbestos Type: %**
	Mastic/Binder, Fine particles	Cellulose 2%	**None Detected ND**

Lab ID: 23002760 **Client Sample #: NL-A14**
Location: N-A

Sampled by: Client
Analyzed by: Akane Yoshikawa **Date:** 01/16/2023
Reviewed by: Nick Ly **Date:** 01/17/2023

Nick Ly, Technical Director

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

Bulk Asbestos Fibers Analysis

By Polarized Light Microscopy

Client: Rose Environmental
Address: 6715 Greenwood Ave. N
Seattle, WA 98107

Attention: Mr. Martin Rose
Project Location: N-A

Batch #: 2300394.00
Client Project #: 12321-NL-ASB
Date Received: 1/9/2023
Samples Received: 18
Samples Analyzed: 18
Method: EPA/600/R-93/116

Layer 1 of 5	**Description:** Off-white sheet vinyl			
	Non-Fibrous Materials:	Other Fibrous Materials:%		**Asbestos Type: %**
	Vinyl/Binder, Synthetic foam	Glass fibers	13%	**None Detected ND**
Layer 2 of 5	**Description:** White soft mastic with gray crumbly material			
	Non-Fibrous Materials:	Other Fibrous Materials:%		**Asbestos Type: %**
	Mastic/Binder, Fine grains, Fine particles	Cellulose	2%	**None Detected ND**
Layer 3 of 5	**Description:** Green vinyl tile			
	Non-Fibrous Materials:	Other Fibrous Materials:%		**Asbestos Type: %**
	Vinyl/Binder, Fine grains, Fine particles	None Detected	ND	**Chrysotile 4%**
Layer 4 of 5	**Description:** Black asphaltic mastic			
	Non-Fibrous Materials:	Other Fibrous Materials:%		**Asbestos Type: %**
	Asphalt/Binder, Fine particles	None Detected	ND	**None Detected ND**
Layer 5 of 5	**Description:** Gray crumbly material			
	Non-Fibrous Materials:	Other Fibrous Materials:%		**Asbestos Type: %**
	Cement/Binder, Pumice, Cementitious particles	None Detected	ND	**None Detected ND**

Lab ID: 23002761 **Client Sample #: NL-A15**
Location: N-A

Layer 1 of 4	**Description:** White ceramic tile			
	Non-Fibrous Materials:	Other Fibrous Materials:%		**Asbestos Type: %**
	Ceramic/Binder, Fine particles	None Detected	ND	**None Detected ND**
Layer 2 of 4	**Description:** White brittle grout material			
	Non-Fibrous Materials:	Other Fibrous Materials:%		**Asbestos Type: %**
	Binder/Filler, Mineral grains, Fine particles	None Detected	ND	**None Detected ND**

Sampled by: Client
Analyzed by: Akane Yoshikawa **Date:** 01/16/2023
Reviewed by: Nick Ly **Date:** 01/17/2023

Nick Ly, Technical Director

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

Bulk Asbestos Fibers Analysis

By Polarized Light Microscopy

Client: Rose Environmental
Address: 6715 Greenwood Ave. N
Seattle, WA 98107

Attention: Mr. Martin Rose
Project Location: N-A

Batch #: 2300394.00
Client Project #: 12321-NL-ASB
Date Received: 1/9/2023
Samples Received: 18
Samples Analyzed: 18
Method: EPA/600/R-93/116

Layer 3 of 4	**Description:** White compacted powdery material with white fibrous material			
	Non-Fibrous Materials:	Other Fibrous Materials:	%	**Asbestos Type: %**
	Binder/Filler, Fine particles, Calcareous particles	Glass fibers	14%	**None Detected ND**
Layer 4 of 4	**Description:** White soft elastic material			
	Non-Fibrous Materials:	Other Fibrous Materials:	%	**Asbestos Type: %**
	Binder/Filler, Fine particles	None Detected	ND	**None Detected ND**

Lab ID: 23002762 **Client Sample #: NL-A16**

Location: N-A

Layer 1 of 4	**Description:** Yellow soft mastic with white foamy material			
	Non-Fibrous Materials:	Other Fibrous Materials:	%	**Asbestos Type: %**
	Mastic/Binder, Fine particles, Synthetic foam	None Detected	ND	**None Detected ND**
Layer 2 of 4	**Description:** White sheet vinyl			
	Non-Fibrous Materials:	Other Fibrous Materials:	%	**Asbestos Type: %**
	Vinyl/Binder, Synthetic foam	None Detected	ND	**None Detected ND**
Layer 3 of 4	**Description:** Off-white fibrous material with yellow mastic			
	Non-Fibrous Materials:	Other Fibrous Materials:	%	**Asbestos Type: %**
	Mastic/Binder, Fine grains, Fine particles	Cellulose	46%	**None Detected ND**
Layer 4 of 4	**Description:** Gray crumbly material			
	Non-Fibrous Materials:	Other Fibrous Materials:	%	**Asbestos Type: %**
	Binder/Filler, Pumice, Fine particles	None Detected	ND	**None Detected ND**

Lab ID: 23002763 **Client Sample #: NL-A17**

Location: N-A

Layer 1 of 2	**Description:** White compacted powdery material with paint			
	Non-Fibrous Materials:	Other Fibrous Materials:	%	**Asbestos Type: %**
	Binder/Filler, Fine grains, Fine particles	None Detected	ND	**None Detected ND**

Sampled by: Client
Analyzed by: Akane Yoshikawa **Date:** 01/16/2023
Reviewed by: Nick Ly **Date:** 01/17/2023

Nick Ly, Technical Director

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

Bulk Asbestos Fibers Analysis

By Polarized Light Microscopy

Client: Rose Environmental
Address: 6715 Greenwood Ave. N
Seattle, WA 98107

Attention: Mr. Martin Rose
Project Location: N-A

Batch #: 2300394.00
Client Project #: 12321-NL-ASB
Date Received: 1/9/2023
Samples Received: 18
Samples Analyzed: 18
Method: EPA/600/R-93/116

Paint

Layer 2 of 2 **Description:** White chalky material with paper

Non-Fibrous Materials:	Other Fibrous Materials:%	**Asbestos Type: %**
Gypsum/Binder, Fine grains, Calcareous particles	Cellulose 16%	**None Detected ND**

Lab ID: 23002764 **Client Sample #: NL-A18**

Location: N-A

Layer 1 of 2 **Description:** Gray cementitious material with paint

Non-Fibrous Materials:	Other Fibrous Materials:%	**Asbestos Type: %**
Cement/Binder, Fine grains, Cementitious particles	None Detected ND	**None Detected ND**

Paint

Layer 2 of 2 **Description:** Off-white brittle material

Non-Fibrous Materials:	Other Fibrous Materials:%	**Asbestos Type: %**
Binder/Filler, Pumice, Fine grains	None Detected ND	**None Detected ND**

Fine particles

Sampled by: Client
Analyzed by: Akane Yoshikawa **Date:** 01/16/2023
Reviewed by: Nick Ly **Date:** 01/17/2023

Nick Ly, Technical Director

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

ASBESTOS LABORATORY SERVICES

Company	Rose Environmental	**NVL Batch Number**	**2300394.00**
Address	6715 Greenwood Ave. N	**TAT**	5 Days **AH** No
	Seattle, WA 98107	**Rush TAT**	
Project Manager	Mr. Martin Rose	**Due Date**	1/16/2023 **Time** 4:30 PM
Phone	(206) 679-0699	**Email**	roseenv@gmail.com
		Fax	(206) 279-1756

Project Name/Number: 12321-NL-ASB **Project Location:** N-A

Subcategory PLM Bulk

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

Total Number of Samples 18 Rush Samples

	Lab ID	Sample ID	Description	A/R
1	23002746	NL-A1		A
2	23002747	NL-A2		A
3	23002748	NL-A3		A
4	23002749	NL-A4		A
5	23002750	NL-A5		A
6	23002751	NL-A6		A
7	23002753	NL-A7		A
8	23002754	NL-A8		A
9	23002755	NL-A9		A
10	23002756	NL-A10		A
11	23002757	NL-A11		A
12	23002758	NL-A12		A
13	23002759	NL-A13		A
14	23002760	NL-A14		A
15	23002761	NL-A15		A
16	23002762	NL-A16		A
17	23002763	NL-A17		A
18	23002764	NL-A18		A

	Print Name	Signature	Company	Date	Time
Sampled by	Client				
Relinquished by	Client				

Office Use Only	Print Name	Signature	Company	Date	Time
Received by	Fatima Khan		NVL	1/9/23	1630
Analyzed by	Akane Yoshikawa		NVL	1/16/23	
Results Called by					
☐ **Faxed** ☐ **Emailed**					

Special Instructions:

Date: 1/9/2023
Time: 4:46 PM
Entered By: Fatima Khan

CHAIN of CUSTODY
SAMPLE LOG

23 3

Client Rose Enviro n
Street 67J.5. LJi
Se,atiJsLWAJ181QL.

Project Manager
Project Location

NVL Batch Number
Client Job Number 111u - A/1.,(A--5/s
Total Samples iJ

Turn Around Time: D 1 Hr D 6 Hrs D 3 Days D 10 Days
D 2 Hrs D 1 Day D 4 Days
D 4 Hrs D 2 Days 5 Days
Please call for TAT less than 24 Hrs

Email address roseenv@gmail.com

Phone: (206) 679-0699 Fax: (206) 279-1756

0 Asbestos Air	0 PCM (NIOSH 7400)	0 TEM (NIOSH 7402)	0 TEM (AHERA)	0 TEM (EPA Level II)	0 Other
[M] Asbestos Bulk	PLM (EPA/600/R-93/116)	0 PLM (EPA Point Count)	0 PLM (EPA Gravimetry)	0 TEM BULK	
D Mold/Fungus	D Mold Air	D Mold Bulk	D Rotometer Calibration		

METALS
D Total Metals
0 TCLP
0 Cr6

Det. Limit
0 FAA (ppm)
0 ICP (ppm)
D GFAA (ppb)
0 CVAA (ppb)

Matrix
0 Air Filter
D Drinking water
D Dust/wipe (Area)
0 Soil
D Paint Chips in %
D Paint Chips in cm2
D Waste Water
D Other

RCRA Metals D AUB
D Arsenic (As)
D Barium (Ba)
D Cadmium (Cd)
D Chromium (Cr)
0 Lead (Pb)
D Mercury (Hg)
D Selenium (Se)
D Silver (Ag)

Other Metals
0 All3
D Copper (Cu)
0 Nickel (Ni)
D Zinc (Zn)

Other Types of Analysis: Fiberglass, Silica, D Nuisance Dust, D Respirable Dust, D Other (Specify)

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

Seq #	Lab ID	Client Sample Number	Comments / Air Sample Volume	
1		NL-- - ttl		
2		frL-		
3		It		
4		'lr'1		
5		rt<		
6		AIR		
7		frf		
8		fr'V		
9		lr1		
10		(KO		
11		()f1		
12		mi.		
13		A-1'>		
14		A1v1		
15		...V ,h(		

	Print Below	Sign Below	Company	Date	Time
Sampled by	T. S.	[signature]	Rose Env	1/4/23	
Relinquished by				1/9/23	16/20
Received by	Fatimatlan	[signature]	NVL Labs	1/9/23	4:30p
Analyzed by					
Results Called by					
Results Faxed by					

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

CHAIN of CUSTODY

SAMPLE LOG

2300394

Client Rose Environmental

Street 61 5 Grn owo Q..d Ave
Sefltl . vYA.98JQ7 .

NVL Batch Number

Client Job Number

Total Samples

Turn Around Time D 1 Hr D 6 Hrs D 3 Days D 10 Days D 2 Hrs D 1 Day D 4 Days D 4 Hrs D 2 Days :al,5 Days
Please call for TAT less than 24 Hrs

Project Manager Mr. Martin Rose

Project Location

Email address roseenv@.gmail.com

Phone: (206) 679-0699 **Fax:** (206) 279-1756

D **Asbestos Air** ID PCM (NIOSH 7400) 0 TEM (NIOSH 7402) 0 TEM (AHERA) 0 TEM (EPA Level II) D Other

IR!' **Asbestos Bulk** IJ.\1PLM (EPA/600/R-93/116) 0 PLM (EPA Point Count) 0 PLM (EPA Gravimetry) 0 TEM BULK

D **Mold/FunQus** ID Mold Air D Mold Bulk [D **Rotometer Calibration**

METALS loet. **Limit** | **Matrix**
D Total Metals D FAA (ppm) D Air Filter D Paint Chips in %
0TCLP 0 ICP (ppm) D Drinking water D Paint Chips in cm2
0Cr6 D GFAA (ppb) D Dust/wipe (Area) D Waste Water
0 eVAA (ppb) 0 Soil D Other

RCRA Metals 0All8
D Arsenic (As) 0 Lead (Pb)
D Barium (Ba) D Mercury (Hg)
D Cadmium (Cd} 0 Selenium {Se)
0 Chromium (Cr) D Silver (Ag)

Other Metals OAII3
0 Copper (Cu)
0 Nickel (NI}
0Zinc (Zn)

Other Types of Analysis j Fiberglass D Nuisance Dust D Other (Specify) _____
In silica n Resoirable Dust

Condition of PackaQe: D Good D Damaged (no soillaqe) 0 Severe damage (soillaae)

i,.Se,.g :fi.	I <11hln	f"liont amoleJ'iu-'- •	I"ommontc, 'e..g Sampl le Volume., otcl	14,/R
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	Print Below	Sign Below	Company	Date	Time
Sampled by	T, S				
Relinquished by			Rose Env	11/9/23	1620
Received by				11/9/23	4:32p
Analyzed by					
Results Called by					
Results Faxed by					

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

January 16, 2023

Mr. Martin Rose

Rose Environmental
6715 Greenwood Ave. N
Seattle, WA 98107

Re: **NVL Batch 2300405.00**

Project Name/Number: 12321-NL-PCB

Project location: N-A

Dear Mr. Rose,

Enclosed please find test results for samples submitted to our laboratory for analysis. Preparation and analysis of these samples were conducted in accordance with published industry standards and methods specified on the attached analytical report.

The content of this package consists of the following:

-Case Narrative & Definition of Data Qualifiers
-Analytical Test Results
-Applicable QC Summary
-Client Chain-of-Custody (CoC)
-NVL Receiving Record

The report is considered highly confidential and will not be released without your approval. Samples are archived for two weeks following analysis. Samples that are not retrieved by the client will be discarded after two weeks.

Thank you for using our laboratory services. If you need further assistance, please contact us at 206-547-0100 or 1-888-NVLLABS.

Sincerely,

Nick Ly, Technical Director

Enclosure: Sample Results

Case Narrative:

The following summarizes samples received on date as shown on the accompanied Chain of custody by NVL Laboratories, Inc. from Rose Environmental for Project Number 12321-NL-PCB. Samples were logged in for PCB analysis per client request using both customer sample ID's and laboratory assigned ID's as listed on the Chain-of-Custody (CoC). All samples as received were processed and analyzed within specified turnaround time without any abnormalities and deviations that may affect the analytical results. All quality control requirements were acceptable unless stated otherwise. The conditions of all samples were acceptable at time of receipt and all samples submitted with this batch were analyzed unless stated otherwise on the CoC.

Test Results are reported in milligram per kilogram (mg/kg) for PCB samples as shown on the analytical reports.

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Definition Appendix

Terms

% Rec	Percent recovery.
<	Below Reporting Limit(RL) or Limit of Quantitation(LoQ) of the instrument.
B	Blank contamination. The recorded results is associated with a contaminated blank.
DF	Dilution Factor
J	The reported concentration is an estimated value because something may be present in the sample that interfered with the analysis.
J1	The reported concentration is an estimated value because the laboratory control sample (LCS) is out of control limits.
J2	The reported concentration is an estimated value because the percent recovery for matrix spike is out of control limits.
J3	The reported concentration is an estimated value because the relative percent difference(RPD) for duplicate analysis is out of control limits.
J4	Percent recovery is outside of established control limits.
LCS	Laboratory Control Sample.
LFS	Laboratory Fortified Spike
Limits	The upper and lower control limits for spike recoveries.
LN	Quality control sample is outside of control limits. This analyte was not detected in the sample.
LOQ	Limit of quantitation(same as RL)
mg/kg	Milligrams per kilogram.
ND	Analyte not detected or below the reporting limit of the instrument or methodology

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Definition Appendix

Terms

PPM	Parts per Million.
QC Batch Group	Quality Control Batch Group. The entity that links analytical results and supporting quality control results.
R	The data are not reliable due to possible contamination or loss of material during preparation or analysis. Re-sampling and reanalysis are necessary for verification.
RL	Reporting Limit. The minimum concentration that can be quantified under routine operating conditions.
RPD	Relative Percent Difference. The relative difference between duplicate results(matrix spike, blank spike, or samples duplicate) expressed as a percentage.
RPD Limit	The maximum RPD allowed for a set of duplicate measurements(see RPD).
SMI	Surrogate has matrix interference.
Spike Conc.	The measured concentration, in sample basis units, of a spiked sample.
SURR-ND	Surrogate was not detected due to matrix interference or dilution.
ug/m3	Micrograms per cubic meter.
ug/mL	Micrograms per milliliter
mg/Kg	milligram per kilogram

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ANALYSIS REPORT

Polychlorinated Biphenyls by Gas Chromatography

Client	**Rose Environmental**	Samples Received*	**1**
SDG Number	**2300405.00**	Analyzed By	**Evelyn Ahulu**
Date Reported	**01/16/2023**	Samples Analyzed*	**1**
Project Number	**12321-NL-PCB**	Analysis Method	**8082A**
Location	**N-A**	Preparation Method	**3546PR (PCB)**

* for this test only

Sample Number	**NL-PCB1**	Received	01/09/2023
Lab Sample ID	23002823	Matrix	Bulk/Dust
Initial Sample Size	2.2411 gm	Units of Result	mg/Kg, as received

Analyte	RL	Final Result	Analysis Date
Aroclor-1016	0.89	< 0.89	01/12/2023
Aroclor-1221	0.89	< 0.89	01/12/2023
Aroclor-1232	0.89	< 0.89	01/12/2023
Aroclor-1242	0.89	< 0.89	01/12/2023
Aroclor-1248	0.89	< 0.89	01/12/2023
Aroclor-1254	0.89	< 0.89	01/12/2023
Aroclor-1260	0.89	< 0.89	01/12/2023
PCBs, Total	**0.89**	**<0.89**	

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Quality Control Results

Project Number:	**12321-NL-PCB**	**SDG Number:**	**2300405**
		Project Manager:	**Martin Rose**
QC Batch(es):	**Q1823**	Analysis Method:	**8082A**
QC Batch Method:	3546PR (PCB)	Analysis Description:	Polychlorinated Biphenyls by Gas Chromatography
Preparation Date:	01/12/2023		

Blank: MBLK-2300405

Analyte	Blank Result	Units	DF	RL	Control Limit	Qualifiers
Aroclor-1016	ND	mg/Kg	1	1	1.0	
Aroclor-1221	ND	mg/Kg	1	1	1.0	
Aroclor-1232	ND	mg/Kg	1	1	1.0	
Aroclor-1242	ND	mg/Kg	1	1	1.0	
Aroclor-1248	ND	mg/Kg	1	1	1.0	
Aroclor-1254	ND	mg/Kg	1	1	1.0	
Aroclor-1260	ND	mg/Kg	1	1	1.0	
PCBs, Total	ND	mg/Kg	1	1	1.0	
Surrogates:				% Rec		
Tetrachloro-m-xylene			1	80	40-140	
Decachlorobiphenyl			1	102	40-140	

Lab Control Sample: LCS-1254-2300405

Analyte	Blank Spike Result	Units	DF	Spike Conc.	% Rec	% Rec Limits	Qualifiers
Aroclor-1254	18.7	mg/Kg	1	20.0	94	40-140	
Surrogates:							
Tetrachloro-m-xylene			1		86	40-140	
Decachlorobiphenyl			1		97	40-140	

Lab Control Sample: LCS-1016+1260-2300405
Lab Control Sample Duplicate: LCS Dup-2300405

Analyte	Blank Spike Result	Units	DF	Spike Conc.	% Rec	Limits	RPD	RPD Limit	Qualifiers
Aroclor-1016	17.7	mg/Kg	1	20.0	89	40-140			
	15.3			20.0	77	40-140	14.3	50	
Aroclor-1260	17.2	mg/Kg	1	20.0	86	40-140			
	14.6			20.0	73	40-140	16.2	50	
Surrogates:									
Tetrachloro-m-xylene			1		73	40-140			
					83	40-140			
Decachlorobiphenyl			1		87	40-140			
					90	40-140			

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Surrogate Recovery Summary Report

Client Rose Environmental **SDG Number** 2300405

Project 12321-NL-PCB

Customer Sample ID	Lab Sample ID	Analyte	Recovery	Limits
NL-PCB1	23002823	Decachlorobiphenyl	97%	40-140
NL-PCB1	23002823	Tetrachloro-m-xylene	69%	40-140
LCS Dup-2300405	LCS Dup-2300405	Decachlorobiphenyl	90%	40-140
LCS Dup-2300405	LCS Dup-2300405	Tetrachloro-m-xylene	83%	40-140
LCS-1016+1260-2300405	LCS-1016+1260-2300405	Decachlorobiphenyl	87%	40-140
LCS-1016+1260-2300405	LCS-1016+1260-2300405	Tetrachloro-m-xylene	73%	40-140
LCS-1254-2300405	LCS-1254-2300405	Decachlorobiphenyl	97%	40-140
LCS-1254-2300405	LCS-1254-2300405	Tetrachloro-m-xylene	86%	40-140
MBLK-2300405	MBLK-2300405	Decachlorobiphenyl	102%	40-140
MBLK-2300405	MBLK-2300405	Tetrachloro-m-xylene	80%	40-140

* Recovery outside limits

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

SDG No: **2300405** Contract: **N/A**

Determination: **8082 PCB Aroclors <Material>**

Run	Sample	Source	Analyzed	Analyte	True	Found	Unit	% Rec	Limits
R001816	CCV1 1016-1260	PCB_2022-1-2	01/12/2023	Aroclor-1016	5	5	ug/mL	100	80-120
		PCB_2022-1-2	01/12/2023	Aroclor-1260	5	5	ug/mL	100	80-120
	CCV1 1254	PCB_2022-1-3	01/12/2023	Aroclor-1254	5	5	ug/mL	100	80-120
	ICV 1016-1254-1260	PCB_2022-1-4	01/12/2023	Aroclor-1016	5	4.932	ug/mL	99	85-115
		PCB_2022-1-4	01/12/2023	Aroclor-1254	5	5.043	ug/mL	101	85-115
		PCB_2022-1-4	01/12/2023	Aroclor-1260	5	4.946	ug/mL	99	85-115
	CCV2 1016-1260	PCB_2022-1-2	01/12/2023	Aroclor-1016	5	5.155	ug/mL	103	80-120
		PCB_2022-1-2	01/12/2023	Aroclor-1260	5	5.012	ug/mL	100	80-120
	CCV2 1254	PCB_2022-1-3	01/12/2023	Aroclor-1254	5	5.056	ug/mL	101	80-120

% Rec = Percent recovery

* = Percent recovery not within control limits

ORGANICS LABORATORY SERVICES

Company	Rose Environmental	**NVL Batch Number**	**2300405.00**
Address	6715 Greenwood Ave. N	**TAT**	5 Days **AH** No
	Seattle, WA 98107	**Rush TAT**	
Project Manager	Mr. Martin Rose	**Due Date**	1/16/2023 **Time** 4:30 PM
Phone	(206) 679-0699	**Email**	roseenv@gmail.com
		Fax	(206) 279-1756

Project Name/Number: 12321-NL-PCB **Project Location:** N-A

Subcategory Quantitative analysis

Item Code ORG-02 **Method** 8082 PCB Aroclors <Paint>

Total Number of Samples 1 Rush Samples

	Lab ID	Sample ID	Description	A/R
1	23002823	NL-PCB1		A

	Print Name	Signature	Company	Date	Time
Sampled by	Client				
Relinquished by	Client				

Office Use Only	Print Name	Signature	Company	Date	Time
Received by	Fatima Khan		NVL	1/9/23	1630
Analyzed by	Evelyn Ahulu		NVL	1/13/23	
Results Called by					
☐ **Faxed** ☐ **Emailed**					

Special Instructions:

Entered By: Kelly AuVu Date [redacted]

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CHAIN of CUSTODY
SAMPLE LOG

23010405

INDUSTRIAL HYGI[NI HIIVICH
IrnWOfV • M,1U/,G:N!NI • H: 11h1,,

Client Rose Environmental
Street 67 5 Gr,een.W..Q£td 6,.v_e N
Seattle, WA]8107,.......

Project Manager Mr. Martin Rose
Project Location

Phone: (206) 679-0699 Fax: (206) 279-1756

NVL Batch Number
Client Job Number Z-K(-- -C------c--- Pl_|B ---
Total Samples
Turn Around Time D 1 Hr D 6 Hrs D 3 Days D 10 Days
O2 Hrs D 1 Day Q4 Days
O4 Hrs D 2 Days 5 Days
Please call for TAT less than 24 Hrs
Email address roseenv@.gmail.com

Asbestos Air O PCM (NIOSH 7400) 0 TEM (NIOSH 7402) 0 TEM (AHERA) 0 TEM (EPA Level II) 0 Other

Asbestos Bulk O PLM (EPN600/R-93/116) 0 PLM (EPA Point Count) 0 PLM (EPA Gravimetry) 0 TEM BULK

D **Mold/Fun us** D Mold Air D Mold Bulk D **Rotometer Calibration**

METALS — D Total Metals; D TCLP; D Cr 6

Det. Limit — D FAA (ppm); O ICP (ppm); D GFAA (ppb); 0 CVAA (ppb)

Matrix — D Air Filter; 0 Drinking water; D Dusi/wipe (Area); 0 Soil; D Paint Chips in %; D Paint Chips in cm2; D Waste Water; D Other

RCRA Metals — OAll8; D Arsenic (As); D Barium (Ba); D Cadmium (Cd); D Chromium (Cr); 0 Lead (Pb); D Mercury (Hg); D Selenium (Se); D Silver (Ag)

Other Metals — 0All3; D Copper (Cu); 0 Nickel (Ni); ☐ Zinc (Zn)

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

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

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	Print Below	Sign Below	Company	Date	Time
Sampled by	T S		Rose Env	1/4/23	
Relinquished by				1/4/23	16:20
Received by	Yatmalla		NVL labs	1/4/23	4:39
Analyzed by					
Results Called by					
Results Faxed by					

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

January 11, 2023

Martin Rose
Rose Environmental
6715 Greenwood Ave. N
Seattle, WA 98107

NVL Batch # 2300407.00

RE: Total Metal Analysis
Method: EPA 6010/7471B (RCRA 8) <paint>
Item Code: ICP-G2

Client Project: 12321-NL-RCRA
Location: N-A

Dear Mr. Rose,

NVL Labs received 1 sample(s) for the said project on 1/9/2023. Preparation of these samples was conducted following protocol outlined in EPA 3051/6010D/7471B, unless stated otherwise. Analysis of these samples was performed using analytical instruments in accordance with EPA 6010/7471B (RCRA 8) <paint> . The results are usually expressed in mg/kg and ppm. Test results are not blank corrected.

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

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

Sincerely,

Nick Ly, Technical Director

Enc.: Sample results

LAB # 101861

Analysis Report

Total Metals

Client: Rose Environmental
Address: 6715 Greenwood Ave. N
Seattle, WA 98107

Attention: Mr. Martin Rose
Project Location: N-A

Batch #: 2300407.00
Matrix: Bulk
Method: EPA 3051/6010D/7471B
Client Project #: 12321-NL-RCRA
Date Received: 1/9/2023
Samples Received: 1
Samples Analyzed: 1

Lab ID	Client Sample #	Elements	Sample wt (g)	RL mg / kg	Results in mg / kg	Results in ppm
23002825	NL-RCRA1	Silver (Ag)	0.3086	13.0	< 13.0	< 13.0
		Arsenic (As)	0.3086	13.0	41.0	41.0
		Barium (Ba)	0.3086	13.0	39.0	39.0
		Cadmium (Cd)	0.3086	13.0	< 13.0	< 13.0
		Chromium (Cr)	0.3086	13.0	< 13.0	< 13.0
		Mercury (Hg)	0.3086	0.6	< 0.7	< 0.7
		Lead (Pb)	0.3086	13.0	< 13.0	< 13.0
		Selenium (Se)	0.3086	13.0	< 13.0	< 13.0

Sampled by: Client
Analyzed by: Shalini Patel
Reviewed by: Nick Ly

Date Analyzed: 01/10/2023
Date Issued: 01/11/2023

Nick Ly, Technical Director

mg/ kg = Milligrams per kilogram
ppm = Parts per million

RL = Reporting Limit
'<' = Below the reporting Limit

Note : Method QC results are acceptable unless stated otherwise.
Unless otherwise indicated, the condition of all samples was acceptable at time of receipt.

ICP-G2 Bench Run No: 2023-0110-0

METALS LABORATORY SERVICES - GROUP TEST

Company	Rose Environmental	**NVL Batch Number**	**2300407.00**
Address	6715 Greenwood Ave. N	**TAT**	5 Days **AH** No
	Seattle, WA 98107	**Rush TAT**	
Project Manager	Mr. Martin Rose	**Due Date**	1/16/2023 **Time** 4:30 PM
Phone	(206) 679-0699	**Email**	roseenv@gmail.com
		Fax	(206) 279-1756

Project Name/Number: 12321-NL-RCRA **Project Location:** N-A

Subcategory Inductively Coupled Plasma (ICP) - Group Tests

Item Code ICP-G2 EPA 6010/7471B (RCRA 8) <paint>

Total Number of Samples 1 Rush Samples

	Lab ID	Sample ID	Description	A/R
1	23002825	NL-RCRA1		A

	Print Name	Signature	Company	Date	Time
Sampled by	Client				
Relinquished by	Client				

Office Use Only	Print Name	Signature	Company	Date	Time
Received by	Fatima Khan		NVL	1/9/23	1630
Analyzed by	Shalini Patel		NVL	1/10/23	
Results Called by					
☐ **Faxed** ☐ **Emailed**					

Special Instructions:

Date: 1/9/2023
Time: 5:00 PM
Entered By: Kelly AuVu

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SAMPLE LOG

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Client Rose Environmental
Street 6 5_G[enw_p_o_d A - N
$.e.aJtL ,JLYA 9810

Project Manager Mr. Martin Rose
Project Location

Phone: (206)679-0699 **Fax:** (206) 279-1756

NVL Batch Number
Client Job Number [VJ 1.{,,--
Total Samples
Turn Around Time D 1 Hr D 6 Hrs D 3 Days D 10 Days
D 2 Hrs D 1 Day D 4 Days
D 4 Hrs D 2 Days 5 Days
Please call for TAT less than 24 Hrs

Email address roseenv@2qmail.com

0 **Asbestos Air** O PCM (NIOSH 7400) 0 TEM (NIOSH 7402) 0 TEM (AHERA) 0 TEM (EPA Level II) 0 Other

0 **Asbestos Bulk** O PLM (EPA/600/R-93/116) 0 PLM (EPA Point Count) 0 PLM (EPA Gravimetry) 0 TEM BULK

D **Mold/Fungus** O Mold Air O Mold Bulk D **Rotometer Calibration**

TALS	**Det. Limit**	**Matrix**		**RCRA Metals**	All 8	**Other Metals**
otal Metals	D FAA (ppm)	D Air Filter	D Paint Chips in %	D Arsenic (As)	Lead (Pb)	OAll3
0 TCLP	O ICP (ppm)	0 Drinking water	D Paint Chips in cm2	D Barium (Ba)	D Mercury (Hg)	D Copper (Cu)
D Cr 6	D GFAA (ppb)	D Dust/wipe (Area)	D Waste Water I	D Cadmium (Cd)	D Selenium (Se)	0 Nickel **(Ni)**
	0 CVAA (ppb)	0 Soil	Other 1/\,t,YV	D Chromium (Cr)	D Silver (Ag)	D Zinc (Zn)

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

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

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	Print Below	Sign Below	Company	Date	Time
Sampled by	TS		Rose Env	1/4/23	
Relinquished by				1/9/23	11:20
Received by				1/9/23	4:20pm
Analyzed by					

Results Called b

Results Faxed by

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

January 12, 2023

Martin Rose
Rose Environmental
6715 Greenwood Ave. N
Seattle, WA 98107

NVL Batch # 2300395.00

RE: Total Metal Analysis
Method: EPA 1311/7000B Lead by FAA <TCLP>
Item Code: TCLP-1

Client Project: 12321-NL-TCLP
Location: N-A

Dear Mr. Rose,

NVL Labs received 1 sample(s) for the said project on 1/9/2023. Preparation of these samples was conducted following protocol outlined in EPA 1311/7000B, unless stated otherwise. Analysis of these samples was performed using analytical instruments in accordance with EPA 1311/7000B Lead by FAA <TCLP>. The results are usually expressed in mg/L and ppm. Test results are not blank corrected.

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

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

Sincerely,

Shalini Patel, Manager Metals Lab

Enc.: Sample results

AIHA LAP, LLC
ACCREDITED LABORATORY
INDUSTRIAL HYGIENE & ENVIRONMENTAL LEAD
ISO/IEC 17025:2005
WWW.AIHAACCREDITEDLABS.ORG
LAB # 101861

Analysis Report

Toxicity Characteristic Leaching Procedure - Lead (Pb)

Client: Rose Environmental

Address: 6715 Greenwood Ave. N
Seattle, WA 98107

Attention: **Mr. Martin Rose**

Project Location: N-A

Batch #: 2300395.00

Matrix: Bulk

Method: EPA 1311/7000B

Client Project #: 12321-NL-TCLP

Date Received: 1/9/2023

Samples Received: 1

Samples Analyzed: 1

Lab ID	Client Sample #	RL mg/ L	Results in mg/L	Results in ppm
23002752	NL-TCLP1	0.5	< 0.5	< 0.5

Sampled by: Client

Analyzed by: Yasuyuki Hida

Reviewed by: Shalini Patel

Date Analyzed: 01/12/2023

Date Issued: 01/12/2023

Shalini Patel, Manager Metals Lab

mg/ L =Milligrams per liter

ppm = parts per million

RL = Reporting Limit

'<' = Below the reporting Limit

Note : Method QC results are acceptable unless stated otherwise.
Unless otherwise indicated, the condition of all samples was acceptable at time of receipt.

Bench Run No: 2023-0111-07

LEAD LABORATORY SERVICES

Company	Rose Environmental	**NVL Batch Number**	**2300395.00**
Address	6715 Greenwood Ave. N	**TAT**	5 Days **AH** No
	Seattle, WA 98107	**Rush TAT**	
Project Manager	Mr. Martin Rose	**Due Date**	1/16/2023 **Time** 4:30 PM
Phone	(206) 679-0699	**Email**	roseenv@gmail.com
		Fax	(206) 279-1756

Project Name/Number: 12321-NL-TCLP **Project Location:** N-A

Subcategory Flame AA (FAA)

Item Code TCLP-1 EPA 1311/7000B Lead by FAA <TCLP>

Total Number of Samples 1 Rush Samples

	Lab ID	Sample ID	Description	A/R
1	23002752	NL-TCLP1		A

	Print Name	Signature	Company	Date	Time
Sampled by	Client				
Relinquished by	Client				

Office Use Only	Print Name	Signature	Company	Date	Time
Received by	Fatima Khan		NVL	1/9/23	1630
Analyzed by	Yasuyuki Hida		NVL	1/12/23	
Results Called by					
☐ **Faxed** ☐ **Emailed**					

Special Instructions:

Date: 1/9/2023
Time: 4:47 PM
Entered By: Kelly AuVu

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SAMPLE LOG

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Client Rose Environmental

Street I::3715 Gce_enwood Ave. N,...,

Se_attle. WA 9_8J07_

Project Manager Mr. Martin Rose

Project Location

Phone: (206) 679-0699 Fax: (206) 279-1756

NVL Batch Number -- –

Client Job Number tl 3'2,(. /V/-- ·-- iuP

Total Samples ------------(

Turn Around Time D 1 Hr D 6 Hrs D 3 Days D 10 Days
D 2 Hrs D 1 Day D 4 Days
D 4 Hrs D 2 Days Wf 5 Days
Please call forTAT"-fe than 24 Hrs

Email address roseenv@Qmail.com

|☐ **Asbestos Air** [D PCM (NIOSH 7400) D TEM (NIOSH 7402) D TEM (AHERA) D TEM (EPA Level II) D Other

D **Asbestos** BulkID PLM (EPA/600/R-93/116) 0 PLM (EPA Point Count) 0 PLM (EPA Gravimetry) 0 TEM BULK

D **Mold/FunQus** ID Mold Air 0 Mold Bulk I D **Rotometer Calibration**

METALS
Total Metals
TCLP
0Cr6

loet. **Limit**
O FM (ppm)
O ICP (ppm)
DGFM(ppb)
0 CVM (ppb)

I **Matrix**
D Air Filter
0 Drinking water
D Dust/wipe (Area)
0 Soil

D Paint Chips in %
D Paint Chips in cm2
D Waste Water
D Other

RCRA Metals
D Arsenic (As)
D Barium (Ba)
D Cadmium (Cd)
D Chromium (Cr)

8 ead (Pb)
D Mercury (Hg)
D Selenium (Se)
D Silver (Ag)

Other Metals
OAII3
D Copper (Cu)
0 Nickel **(Ni)**
D Zinc (Zn)

Other Types of Analysis Fiberglass D Nuisance Dust D Other (Specify)
Silica n Re.,nirable 011c:.t

Condition of Packaqe: D Good ☐ Damaaed (no spillaae) 0 Severe damaae (spillaQe)

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Sampled by	TS	[signature]	Rose Env	1/4/23	
Relinquished by				1/9/23	16:20
Received by	Yetimadla	[signature]	Nvl Labs	1/9/23	4:30p
Analyzed by					
Results Called by					
Results Faxed by					

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


DSCF9945


DSCF9946


DSCF9947


DSCF9948


DSCF9949


DSCF9950

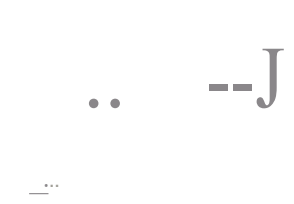

DSCF9951


DSCF9952


DSCF9953


DSCF9954


DSCF9955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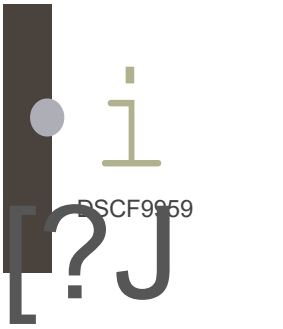
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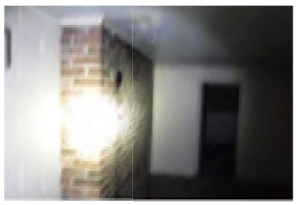
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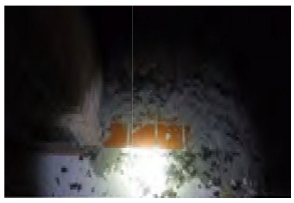
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ATTACHMENT B

DRAFT SMALL WORKS ROSTER PUBLIC WORKS CONTRACT

THIS CONTRACT is entered into in duplicate originals between Kitsap County, a Washington State political subdivision, having its principal offices at 614 Division Street, Port Orchard, Washington 98366, hereinafter called the "County," and _____ a _____ located at _____ hereinafter called the "Contractor."

In consideration of the mutual benefits and covenants contained herein, the parties agree as follows:

SECTION 1. DURATION OF CONTRACT

The term of this Contract shall commence upon the effective date set forth below. The Contractor shall substantially complete all work required under this Contract within a period of _____ working days from the Start Date stated in the written Notice to Proceed referenced in Section 7. Final completion and closeout of this Contract shall occur _____ working days after timely substantial completion, except as provided in Section 6 below. Time is of the essence in the performance of this Contract.

SECTION 2. DESCRIPTION OF THE WORK

a. The Contractor shall do all work necessary to complete the demolition and removal of all materials in accordance with the Scope of Work, attached hereto as Attachment "A" and made a part hereof by this reference.

b. The Contractor shall do all work and furnish and pay for all materials, equipment, and labor in accordance with the attached Project Documents, including, but not limited to any drawings, specifications, and any addenda thereto, all terms and conditions in the Call for Proposals for Small Works and any Instructions to Proposals, and the Contractor's proposal. A list of documents considered to be Project Documents is attached hereto as Attachment "B," which Project Documents are made part hereof and incorporated by this reference. Further, the Contractor shall perform any alterations in or additions to the work covered by this Contract, and any extra work which may be ordered as provided for in this Contract if requested to do so by the County pursuant to Section 11.

c. The Contractor, and any persons employed by the Contractor, shall use its best efforts to perform the services rendered under this Contract in a professional manner and in accordance with the usual and customary practice, professional care and standard industry practice required for services of the type described in this Contract.

d. The Contractor shall complete its work required under this Contract in a timely manner and in accordance with the schedule agreed to by the parties.

e. From time to time during the progress of the work hereunder, the Contractor shall confer with the County. The Contractor shall prepare and present status reports and other information that may be pertinent and necessary, or as may be requested by the

County.

SECTION 3. CONTRACT AMOUNT

The County hereby agrees to pay the Contractor in the amount of $_____, according to the Contractor's proposal (including accepted alternates), at the time and manner and upon the conditions provided for in this Contract.

SECTION 4. PREVAILING WAGE

a. Pursuant to RCW Chapter 39.12 and WAC 296-127, the Contractor shall pay not less than the prevailing rate of per diem wages to its employees and provide documentation to the County of its compliance with prevailing wage laws and regulations. A copy of such prevailing rates of per diem wages shall be posted by the Contractor at the work site.

b. For contracts greater than $2,500, a "Statement of Intent to Pay Prevailing Wages" (hereinafter "Statement of Intent") must be submitted to and approved by the State Department of Labor and Industries prior to beginning work by the Contractor. If the Contract is more than $10,000, the Statement of Intent shall include the Contractor's registration number, the prevailing wage for each classification of workers, and an estimate of the number of workers in each classification. An 'Affidavit of Wages Paid' must be submitted to and approved by the State Department of Labor and Industries by the Contractor prior to release of the retained percentage. Copies of these documents shall be provided to the County prior to any payment being made to the Contractor. The fee for each of these documents shall be paid by the Contractor.

c. For contracts $2,500 or less, the Contractor may submit the Statement of Intent to the County directly without the approval by the Washington State Department of Labor & Industries. Upon final acceptance of the work, the Contractor shall submit an "Affidavit of Wages Paid" to the County. Once it is received, the County may pay the Contractor in full including those funds the County would otherwise retain under RCW Chapter 60.28.

SECTION 5. PAYMENT

a. At monthly intervals, unless determined otherwise by the County, the Contractor shall submit to the County an invoice or billing statement. Within thirty (30) calendar days of receiving an invoice or billing statement, the County shall pay ninety-five (95) percent of the invoice if such invoice or statement is acceptable to the County. Five (5) percent of the invoice or statement amount shall be retained in accordance with RCW Chapter 60-28. No invoice or billing statement will be paid until all schedules for the previous month have been met and other documentation required by the Project Documents have been submitted. If the Contractor has signed a letter of acceptance of fifty (50) percent payment in lieu of Performance and Payment Bond, each and every progress payment will be reduced accordingly by fifty (50) percent.

b. In the event the Contractor has failed to perform any substantial obligation to be performed by the Contractor under this Contract and such failure has not been cured

within ten (10) working days following notice from the County, then, in its sole discretion and upon written notice to the Contractor, the County may withhold any and all monies due and payable to the Contractor without penalty until such failure to perform is cured or otherwise adjudicated.

c. Unless otherwise provided for in this Contract or any of the Project Documents, the Contractor will not be paid for any billings or invoices presented for payment prior to the execution of this Contract and the Notice to Proceed or for work performed after the Contract's termination.

d. No payment shall be made for any work performed by the Contractor, except for work identified and set forth in this Contract or the Project Documents.

SECTION 6. PERFORMANCE AND PAYMENT BOND AND RETAINED PERCENTAGE

a. Pursuant to RCW Chapter 39.08, the Contractor shall make, execute, and deliver to the County a performance and payment bond for the contract amount of $_____. This bond shall also cover any and all approved change orders. The bond must be submitted within ten (10) days after notice of the award, exclusive of the day of notice. If the bidder to whom the contract is awarded fails to enter into the contract and provide the performance bond as required the amount of the bid deposit will be forfeited to the county and the contract awarded to the next lowest and best bidder.

   For contracts of $25,000 or less (including WSST), at the option of the Contractor, prior to the commencement of work, the Contractor may request in writing that, in lieu of the performance and payment bond, the County retain fifty (50) percent of the contract amount for a period of thirty calendar days after the date of final acceptance, or until receipt of all necessary releases from the Department of Labor and Industries and Department of Revenue and settlement of any liens filed under RCW Chapter 60.28, whichever is later.

b. In accordance with RCW Chapter 60.28, the County shall release any retained percentage withheld in the manner set forth in Section 5a., if after sixty (60) calendar days of final completion and acceptance of all contract work, no liens or claims are filed against the project, and after receipt of the Department of Revenue's Certificate designating taxes due or to become due are discharged and receipt by the County of an “Affidavit of Wages Paid.” For contracts $2,500 or less, the County may release the retained percentage prior to the expiration of the sixty-day waiting period if the Contractor has completed all work and provided the County with an “Affidavit Of Wages Paid” as provided in Section 4.c. herein.

c. Neither the County nor the County's Representative shall have an obligation to pay or ensure the payment of money to any subcontractor except as may otherwise be required by law.

SECTION 7. NOTICE TO PROCEED

The County shall issue a Notice to Proceed after the execution of the Contract and receipt of all necessary required documents, including, where applicable, Performance and Payment Bond (or 50% letter if contract amount, including WSST, is $25,000 or less), a copy of insurance policies and/or any and all Certificates of Insurance and Additional Insured Endorsements. The Notice to Proceed shall provide the Start Date.

SECTION 8. CONTRACT REPRESENTATIVES

Each party to this Contract shall have a Contract Representative. Each party may change its representative upon providing written notice to the other party. The parties' Contract Representatives are as follows:

County's Contract Representative
Name: Brian Hauschel
Title: M and O Supervisor
Address:614 Division Street, MS-1
Phone: (360) 337-5377
Email: bhausche@kitsap.gov

Contractor's Contract Representative
Name:
Title:
Address:
Phone:
Email:

All instructions, modifications, and changes to the Contract shall be conveyed to the Contractor through the Contract Representative. Any work executed upon the direction of any person or entity other than the Contract Representative may be considered defective and will be performed without reimbursement for said work to the Contractor. The Contract Representative shall have the authority to reject any and all nonconforming or defective work under the Project Documents.

SECTION 9. HOLD HARMLESS AND INDEMNIFICATION

a. The Contractor shall hold harmless, indemnify and defend the County, its officers, officials, employees and agents, from and against any and all claims, actions, suits, liability, loss, expenses, damages, and judgments of any nature whatsoever, including, but not limited to, reasonable costs and attorneys' fees in defense thereof, for injury, sickness, disability or death to persons or damage to property or business, caused by or arising out of the performance of the work rendered under this contract by the Contractor, its employees, agents, or subcontractors or anyone for whose acts any of them may be liable; provided, however, that the Contractor's obligation hereunder shall not extend to injury, sickness, death or damage caused by or arising

out of the sole negligence of the County, its officers, officials, employees or agents; and provided further, that in the event of the concurrent negligence of the parties, the Contractor's obligations hereunder shall apply only to the percentage of fault attributable to the Contractor, its employees, agents, or subcontractors.

b. In any and all claims against the County, its officers, officials, employees and agents by any employee of the Contractor, subcontractor, anyone directly or indirectly employed by any of them, or anyone for whose acts any of them may be liable, the indemnification obligation under this Section shall not be limited in any way by any limitation on the amount or type of damages, compensation, or benefits payable by or for the Contractor or subcontractor under Worker's Compensation acts, disability benefit acts, or other employee benefit acts, it being clearly agreed and understood by the parties hereto that the Contractor expressly waives any immunity the Contractor might have had under such laws. By executing the Contract, the Contractor acknowledges that the foregoing waiver has been mutually negotiated by the parties and that the provisions of this Section shall be incorporated, as relevant, into any contract the Contractor makes with any subcontractor or agent performing work hereunder.

c. The Contractor's obligations hereunder shall include, but are not limited to, investigating, adjusting and defending all claims alleging loss from action, error or omission, or breach of any common law, statutory or other delegated duty by the Contractor, the Contractor's employees, agents or subcontractors.

SECTION 10. INSURANCE

a. Workers' Compensation and Employer's Liability. The Contractor shall maintain workers' compensation insurance as required by Title 51 RCW (Industrial Insurance) and shall provide evidence of coverage to the Kitsap County Risk Management Division. If the Contract is over $50,000, then the Contractor shall also maintain employer liability coverage with a limit of not less than $1,000,000.

b. Commercial General Liability("CGL"). The Contractor shall maintain Commercial General Liability coverage for bodily injury, personal injury, and property damage, subject to limits of not less than $1,000,000 per loss. The general aggregate limit shall apply separately to this Contract and shall be not less than $2,000,000.

   The Contractor will provide Commercial General Liability coverage which does not exclude any activity to be performed in fulfillment of this Contract. Specialized forms specific to the industry of the Contractor will be deemed equivalent, provided coverage is no more restrictive than would be provided under a standard Commercial General Liability policy, including contractual liability coverage.

c. Automobile Liability: *(Check one of the following options)*:

   ☐ Contractor shall maintain personal automobile insurance on all vehicles used for Contract purposes as required by law.

   ☒ Not less than $1,000,000 per occurrence and $2,000,000 annual aggregate.

Coverage shall include liability for any and all owned, hired, and non-owned vehicles. Coverage may be satisfied with an endorsement to the CGL policy.

☐ Not less than $100,000 per occurrence and $300,000 annual aggregate. If a personal automobile liability policy is used to meet this requirement, it must include a business rider and cover each vehicle to be used in the performance of the Contract. If the Contractor will use non-owned vehicles in performance of the Contact, the coverage shall include owned, hired, and non-owned automobiles.

d. Other Insurance Provisions:

(1) The Contractor's liability insurance provisions shall be primary with respect to any insurance or self-insurance programs covering the County, its elected and appointed officers, officials, employees and agents.

(2) If applicable, the Contractor's Commercial General Liability insurance and Automobile Liability insurance shall include the County, its officers, officials, employees and agents with respect to performance of work under this Contract.

(3) If applicable, the Contractor's Commercial General Liability insurance and Automobile Liability insurance shall contain no special limitations on the scope of protection afforded to the County as an additional insured.

(4) Any failure to comply with reporting provisions of the policies shall not affect coverage provided to the County, its officers, officials, employees, or agents.

(5) The Contractor's insurance shall apply separately to each insured against whom a claim is made or suit is brought, except with respect to the limits of the insurer's liability.

(6) The Contractor shall include all subcontractors as insureds under its policies or shall furnish separate certificates and endorsements for each subcontractor. All coverage for subcontractors shall be subject to all of the requirements stated herein.

(7) The insurance limits mandated for any insurance coverage required by this Contract are not intended to be an indication of exposure nor are they limitations on indemnification.

(8) The Contractor shall maintain all required policies in force from the time work commences until work is completed. Certificates, policies, and endorsements expiring before completion of services shall be promptly replaced.

e. Verification of Coverage and Acceptability of Insurers: The Contractor shall place insurance with insurers licensed to do business in the State of Washington and having A.M. Best Company ratings of no less than A-VII with the exception that excess and umbrella coverage used to meet the requirements for limits of liability or gaps in coverage need not be placed with insurers or re-insurers licensed in the State of Washington.

(1) The Contractor shall furnish the County with properly executed certificates of insurance or a signed policy endorsement which shall clearly evidence all insurance required in this section within ten (10) calendar days after the effective date of the contract. The certificate will, at a minimum, list limits of liability and coverage. The certificate will provide that the underlying insurance contract will not be canceled, allowed to expire, on thirty (30) calendar days prior written notice to the County. Any certificate or endorsement limiting or negating the insurer's obligation to notify the County of cancellation or changes shall be altered so as not to negate the intent of this provision.

(2) The Contractor shall furnish the County with evidence that the additional insured provision required above has been met. Acceptable forms of evidence are the endorsement pages of the policy showing the County as an additional insured.

(3) Certificates of Insurance shall show the Certificate Holder as Kitsap County and include c/o of the Office or Department issuing the Contract. The address of the Certificate Holder shall be shown as the current address of the Office or Department.

(4) The Contractor shall request the Washington State Department of Labor and Industries, Workers Compensation Representative, send written verification to Kitsap County that Contractor is currently paying Workers Compensation.

(5) Written notice of cancellation or change shall be mailed to the County at the following address: Risk Management Division, Kitsap County Department of Administrative Services, 614 Division Street, MS-7, Port Orchard, WA 98366.

(6) The Contractor or its broker shall provide a copy of any and all insurance policies specified in this Contract upon request of the Kitsap County Risk Manager.

SECTION 11. CHANGES IN WORK

a. The County may, at any time, without notice to the Contractor’s surety, order additions, deletions, revisions, or other changes in the work. The Contractor agrees to fully perform any such changes in the work. The Contractor shall proceed with the work upon receiving a written change order approved by the County, or an oral order from the County before actually receiving the written change order. All such changes in the work shall be incorporated into the Contract documents through the execution of change orders. If any change hereunder causes an increase or decrease in the Contractor's cost of, or time required for, the performance or any part of the work under this Contract, an equitable adjustment will be made and the Contract modified in writing accordingly. Change Orders shall not be used to materially after the Scope of Work.

b. If the Contractor intends to assert a claim for an equitable adjustment hereunder, it shall within ten (10) days after receipt of a written change order from the County, submit to the County a written statement setting forth the general nature and monetary extent of such claim. The Contractor shall supply such supporting documents and analysis for the claims as the County may require in order to determine if the claims and costs have merit. No claim by the Contractor for an equitable adjustment hereunder will be allowed if asserted after final payment under this Contract.

c. If the County and the Contractor are unable to reach agreement on the terms of any change to the work, the Contractor shall pursue resolution of the disagreement pursuant to Section 18.

SECTION 12. TERMINATION

a. The County may terminate this Contract in whole or in part whenever the County determines, in its sole discretion, that such termination is in the best interests of the County. The County may terminate this Contract upon giving ten (10) calendar days written notice by Certified Mail to the Contractor. In that event, the County shall pay the Contractor for all cost incurred by the Contractor in performing the Contract up to the date of such notice. Payment shall be made in accordance with Sections 5 and 6 of this Contract.

b. In the event that funding for this project is withdrawn, reduced or limited in any way after the effective date of this Contract, the County may summarily terminate this Contract notwithstanding any other termination provision of this Contract. Termination under this paragraph shall be effective upon the date specified in the written notice of termination sent by the County to the Contractor. After the effective date, no charges incurred under this Contract are allowable.

c. Termination of this Contract shall not relieve the Contractor of any responsibilities under the Contract for work performed. Nor shall termination of the Contract relieve the Surety or Sureties of obligations under the Performance and Payment Bond or any Retainage Bond for work performed.

d. If the Contractor breaches any of its obligations hereunder, and fails to cure the breach within ten (10) calendar days of written notice to do so by the County, the County may terminate this Contract, in which case the County shall pay the Contractor only for the costs of work performed and accepted by the County, in accordance with Sections 5 and 6 of this Contract. Upon such termination, the County, at its discretion, may obtain performance of the work elsewhere, and the Contractor shall bear all costs and expenses incurred by the County in completing the work and all damage sustained by the County by reason of the Contractor’s breach.

SECTION 13. ASSIGNMENT, DELEGATION, AND SUBCONTRACTING

a. The Contractor shall perform the terms of the contract using only its bona fide employees or agents, and the obligations and duties of the Contractor under this Contract shall not be assigned, delegated, or subcontracted to any other person or firm without the prior express written consent of the County.

b. The Contractor warrants that it has not paid nor has it agreed to pay any company, person, partnership, or firm, other than a bona fide employee working exclusively for Contractor, any fee, commission, percentage, brokerage fee, gift, or other consideration contingent upon or resulting from the award or making of this Contract.

SECTION 14. NON-WAIVER OF RIGHTS

The parties agree that the excuse or forgiveness of performance, or waiver of any provision(s) of this Contract does not constitute a waiver of such provision(s) or future performance, or prejudice the right of the waiving party to enforce any of the provisions of this Contract at a later time.

SECTION 15. INDEPENDENT CONTRACTOR

a. The Contractor shall perform this Contract as an Independent Contractor and not as an agent, employee or servant of the County. The Contractor specifically has the right to direct and control Contractor's own activities in providing the agreed work in accordance with the specifications set out in this Contract and the Project Documents.

b. The Contractor acknowledges that payment for work performed under this Contract does not include any County benefits, including, but not limited to: vacation pay, holiday pay, sick leave pay, medical, dental, or other insurance benefits, fringe benefits, or any other rights or privileges afforded to Kitsap County employees.

c. The Contractor shall have and maintain complete responsibility and control over all of its subcontractors, employees, agents, and representatives. No subcontractor, employee, agent, or representative of the Contractor shall be or deem to be or act or purport to act as an employee, agent, or representative of the County, unless otherwise directed by the terms of this Contract.

d. The Contractor shall pay for all taxes, fees, licenses, or payments required by Federal, State or local law which are now or may be enacted during the term of this Contract.

e. The Contractor agrees to immediately remove any of its employees or agents from assignment to perform work under this Contract upon receipt of a written request to do so from the County's contract representative or designee.

SECTION 16. COMPLIANCE WITH LAWS

The Contractor shall comply with all applicable federal, state and local laws, rules and regulations in performing this Contract.

SECTION 17. NONDISCRIMINATION

The Contractor, its assignees, delegates, or subcontractors shall not discriminate against any person in the performance of any of its obligations hereunder on the basis of race, color, creed, religion, national origin, age, sex, marital status, veteran status or the presence of any disability.

SECTION 18. DISPUTES

a. Questions or claims regarding meaning and intent of this Contract or arising from this Contract, shall be referred by the Contractor in writing to the County's Contract representative or designee within ten (10) days of the date in which the Contractor knows or should know of the question or claim.

b. In the event the Contractor disagrees with any determination or decision of the County's Contract Representative, the Contractor shall, within fifteen (15) days of the date of such determination or decision, appeal the determination or decision in writing to the Director of the department. Such written notice or appeal shall include all documents and other information necessary to substantiate the appeal. The Director will review the appeal and transmit a decision in writing to the Contractor within thirty (30) days from the date of receipt of the appeal. Failure of the Contractor to appeal the decision or determination of the County's Contract Representative within said fifteen (15) day period will constitute a waiver of the Contractor's right to thereafter assert any claim resulting from such determination or decision. Appeal to the Director shall be a condition precedent to litigation hereunder.

c. Absent agreement to alternative dispute resolution, all claims, counterclaims, disputes and other matters in question between the County and the Contractor that are not resolved between the County's Contract Representative and the Contractor will be decided in the Superior Court of Kitsap County, Washington.

d. Pending final decision of a dispute hereunder, the Contractor shall proceed diligently with the performance of the Contract and in accordance with the direction of the County's Contract Representative. Failure to comply with the time deadlines set out in this section as to any claim shall operate as a release of that claim and a presumption of prejudice to the County.

SECTION 19. CHOICE OF LAW, JURISDICTION, AND VENUE

a. This Contract has been and shall be construed as having been made and delivered within the State of Washington, and it is agreed by each party hereto that this Contract shall be governed by the laws of the State of Washington, both as to its interpretation and performance.

b. Any action at law, suit in equity, or judicial proceeding arising out of this Contract shall be instituted and maintained only in any of the courts of competent jurisdiction in Kitsap County, Washington.

SECTION 20. SUCCESSORS AND ASSIGNS

The County, to the extent permitted by law, and the Contractor each bind themselves, their partners, successors, executors, administrators, and assigns to the other party to this Contract and to the partners, successors, administrators, and assigns of such other party in respect to all covenants to this Contract.

SECTION 21. SEVERABILITY

a. If a court of competent jurisdiction holds any part, term, or provision of this Contract to be illegal, or invalid in whole or in part, the validity of the remaining provisions shall not be affected, and the parties' rights and obligations shall be construed and enforced as if the Contract did not contain the particular provision held to be invalid.

b. If it should appear that any provision of this Contract is in conflict with any statutory provision of the State of Washington, said Provision which may conflict therewith shall be deemed inoperative and null and void insofar as it may be in conflict therewith, and shall be deemed modified to conform to such statutory provision.

SECTION 22. ENTIRE AGREEMENT

The parties agree that this Contract is the complete expression of its terms and conditions. Any oral or written representations or understandings not incorporated in this Contract are specifically excluded.

SECTION 23. MODIFICATION

All amendments or modifications shall be in writing, signed by both parties, and attached to this Contract.

SECTION 24. NOTICES

Any notices shall be effective if personally served upon the other party or if mailed by registered or certified mail, return receipt requested, to the addresses set out in Section 8. Notice may also be given by facsimile with the original to follow by regular mail. Notice shall be deemed to be given three days following the date of mailing or immediately if personally served. For service by facsimile, service shall be effective upon receipt during working hours. If a facsimile is sent after working hours, it shall be effective at the beginning of the next working day.

SECTION 25. INSPECTION

The County shall have the right (a) to inspect and obtain copies of all written licenses, permits, or approvals issued by any governmental entity or agency to the Contractor, its delegates, or subcontractors, which are applicable to the performance of this Contract; and (b) to inspect all work and materials for conformity with the Contract terms. The Contractor shall be responsible for ensuring the work and materials conform to the Contract terms even if the County conducts an inspection of the same.

This Contract is executed by the persons signing below who warrant that they have the authority to execute the Contract. The parties to this Contract have executed this Contract to take effect as of the date written below.

The Contractor will notify the County Representative of work activities and progress on a weekly basis via email and inspection of this work will be at the discretion of the County. The County will inspect the site and activities at the expense of the County.

ATTACHMENT A