



Rose Environmental

6715 Greenwood Avenue North
Seattle, WA 98103

Phone: 206.679.0699
www.roseenvironmental.com

August 15, 2023

Bob Bliss, CIH
Supervisor IH, Env, OSH & FLS
GSA Public Building Services
GSA, PBS, Northwest/Arctic Region 10
Phone 253.397.6862
Email robert.bliss@gsa.gov

**Subject: Follow-Up Surface Sampling for Lead, Basement BW85 File Area,
911 Federal Building, Portland, Oregon**

Dear Mr. Bliss,

Rose Environmental is pleased to provide our report for follow-up lead surface sampling we conducted on August 9, 2023 in the Basement BW85 File Area at the Portland 911 Federal Building located at 4911 Northeast 11th Avenue in Portland, Oregon.

If you have any questions concerning this evaluation, please contact us at (206) 679-0699. Rose Environmental looks forward to continued work with the General Services Administration.

Respectfully,

Reviewed by,

Wayne Sehman
Project Manager/Industrial Hygienist
Rose Environmental LLC

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

*Attachments: Executive Summary and Report
Basement Map Diagram of Follow-Up Wipe Sample Locations
Photographic Contact Sheet
NVL Lab Report 2312604*



Executive Summary

On August 9, 2023, Rose Environmental collected follow-up surface (wipe) samples within the Basement Level BW85 File Area at the Portland 911 Federal Building. Rose Environmental conducted initial wipe and air sampling throughout the building in June 2023 (see report dated July 14, 2023).

Rose Environmental collected six (6) follow-up wipe samples of settled dust on horizontal shelving and cabinet surfaces to determine the extent of lead deposition, if any. Samples were analyzed at an AIHA-accredited laboratory in accordance with NIOSH Method 9100, NIOSH Method 7303, and OSHA Method ID125G.

Results

For lead surface concentrations, current EPA Clearance Levels include 10 micrograms per square foot ($10 \mu\text{g}/\text{ft}^2$) for floors and $100 \mu\text{g}/\text{ft}^2$ for windowsills; as no floors were sampled, results were compared to the windowsills $100 \mu\text{g}/\text{ft}^2$ Clearance Level.

Results of wipe analysis revealed surface lead concentrations ranging from <5.0 to $46 \mu\text{g}/\text{ft}^2$, which were all below EPA's Clearance Level of $100 \mu\text{g}/\text{ft}^2$ for windowsills.

INTRODUCTION

On August 9, 2023, Rose Environmental collected follow-up wipe samples for lead within the Basement Level BW85 File Area at the Portland 911 Federal Building located at 911 NE 11th Avenue in Portland, Oregon.

METHODS

Wipe sampling was conducted using methodologies previously described (see Rose Environmental report dated July 14, 2023).

Results

Results of analysis (NVL Report 2312604) for surfaces wipes collected on August 9, 2023 revealed removable surface lead concentrations ranging from below the limit of detection (<5.0 micrograms per square foot [$\mu\text{g}/\text{ft}^2$]) to 46 $\mu\text{g}/\text{ft}^2$.

**Follow-Up Lead Surface Wipe Sampling Results
911 Federal Building – Basement BW85 File Area
July 21, 2023**

Sample ID	Sample Location/ Description	Surface Lead ($\mu\text{g}/\text{ft}^2$)
001	Shelving adjacent to I-beam work area	9.4
002	Top of file cabinet	18
003	Book shelves	7.3
004	Open bankers box	<5.0
005	Top of cabinet adjacent to I-beam work	46
006	Shelving opposite side of I-beam work	14
EPA Clearance Level for Windowsills:		100

CONCLUSION

Follow-up surface wipe sampling for lead ranged from below the limit of detection to 46 $\mu\text{g}/\text{ft}^2$, which were below the EPA clearance levels for lead dust on window assemblies.

August 10, 2023

Martin Rose

Rose Environmental

6715 Greenwood Ave. N
Seattle, WA 98107



NVL Batch # 2312604.00

RE: Total Metal Analysis
Method: EPA 7000B Lead by FAA <wipe>
Item Code: FAA-04

Client Project: Federal Bldg. 12778
Location: 911 SE 11th Ave
Portland, OR

Dear Mr. Rose,

NVL Labs received 6 sample(s) for the said project on 8/9/2023. Preparation of these samples was conducted following protocol outlined in EPA 3051/7000B , unless stated otherwise. Analysis of these samples was performed using analytical instruments in accordance with EPA 7000B Lead by FAA <wipe>. The results are usually expressed in ug/wipe and ug/sq. ft. 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. If samples were collected by the customer, then the reported test results apply only to the samples as received by NVL Labs. This report is considered highly confidential and will not be released without your approval. Samples are archived after two weeks from the analysis date. Please feel free to contact us at 206-547-0100, in case you have any questions or concerns.

Sincerely,

Shalini Patel, Manager Metals Lab

Enc.: Sample results



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