

Notice of Intent to Remove Asbestos

Case #: 24-243

11815 NE 99th Street, Suite 1294

Vancouver, WA 98662 Voice: 360-574-3058 Fax: 360-576-0925

Web: https://www.swcleanair.gov Email: Tina@swcleanair.gov

Reviewed by SWCAA: Brian Fallon

Date Received: 4/16/2024

Amendment: 0

Date Paid:

4/16/2024

Approved

SWCAA Fee:

\$369.00

This notification MUST be present at all times at the asbestos project sit Receipt #: 154652415 Quantity to be removed: 1800 Square Feet **O** Linear Feet Workshift days: Su F Sa Workshift hours: Fri 4:30-12:30am, S Project Completion date: 6/14/2024 Project starting date: 4/26/2024 Site Name: EPS Transportation Center Site address: 13909 NE 28th St Location of Asbestos: Sheet vinyl/mastic in Men City/State/Zip: Vancouver 98682 WA County: CLARK COUNTY ☐ Demolition of Structure (Notification of Demolition required) ✓ Asbestos survey conducted? No survey reason: Certification #: AHERA Inspector: Material to be Removed: ☐ Fireproofing ☐ Popcorn Ceiling ✓ Sheet Vinyl ■ Boiler Insulation ☐ Duct Tape ☐ CAB ☐ Air Cell CA Pipe □ VAT Duct Paper ☐ Mag Pipe Insulation Other **Control Methods:** ✓ N.P Enclosure ☐ Glove Bag ■ Mini Enclosure ■ Wrap and Cut ✓ Water ✓ HEPA Vac Other Phone: 503-693-6388 **Asbestos Contractor:** IRS Environmental of Portland, Inc. Mailing Address: 777 SW Armco Ave, Hillsboro, OR, 97123 Email: Nancy@irsenvironmental.com Certification ##: ABCN00001384 Supervisor: Luis Lopez Phone: 503-547-9123 **Property Owner:** Evergreen Public School District Phone: 360-604-4000 Mailing Address: 13413 NE Leroy Laagen Memorial Dr, Vancouver WA 98684 Asbestos Disposal Site: Hillsboro Landfill: 3205 SE Minter Bridge Rd, Hillsboro, OR, 97123-

I DO HEREBY CERTIFY THAT THE INFORMATION CONTAINED IN THIS NOTIFICATION IS, TO THE BEST OF MY KNOWLEDGE, ACCURATE AND COMPLETE.

Submitter Name:	NANCY NGUYEN	Representing:	IRS Environmental of Portland
Submitter Title:	CEO	Date Submitted:	4/16/2024



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Environmental & Hazardous Material Report Transportation Department Main Building Evergreen School District

13909 NE 28th Street Vancouver, WA 98682



Prepared for:

Susan Steinbrenner Evergreen Public Schools 2205 NE 138th Avenue

Project Location:

Transportation Department 13909 NE 28th Street

Vancouver, WA 98682

Specific Bldg.:

Main Building

Work to be performed:

Environmental & Hazardous Material Survey

Now Project

N22-0255

Number:

Report Deliverable Date: May 24, 2022

Prepared By:

Dennis Rauschenberg

Company Name:

NOW Environmental Services, Inc.

Inspector Name: Certificate #:

Dennis Rauschenberg BI/R-NES-121721-02

Expiration Date:

December 17, 2022

Background: (Executive Summary): The Evergreen School Districts Transportation Department is located at 13909 NE 28th Street Vancouver, WA 98682. The main structure is a two-story metal constructed building consisting the bus garage, administration offices, bus drivers lunch room with lockers, restrooms and storage. The interior is wood constructed with wallboard walls with all flooring adhered to a concrete substrate on the first floor and wood on the second floor. the materials sampled were wall texture, joint compound with wallboard, ceiling tile, cove base mastic, carpet mastic, various flooring, roofing, etc.

Materials that may be impacted during the demolition but were not sampled are classified as non-suspect were fiberglass insulation.

If any new building materials are discovered during demolition not identified in this report, they must be sampled by an AHERA accredited building inspector.

No suspect ACM structural steel fireproofing was identified in any area inspected.

Asbestos Containing Materials

There is asbestos containing material identified within the scope of work during this inspection.

Polychlorinated Biphenyl (PCBs)

A visual inspection was utilized to identify no PCB containing ballasts are in the area being remodeled, this was confirmed using a random inspection of installed lighting system ballasts (approx. 10% in areas to be impacted).

Lamps

A visual inspection was utilized to identify fluorescent light tubes during the course of this survey as defined in 40 CFR PART 273—STANDARDS FOR UNIVERSAL WASTE MANAGEMENT

- All fluorescent light tubes, including compact fluorescent light bulbs (CFLs), shall be properly recycled and/or disposed of according to Federal, State and local regulations. 650 fluorescent tubes were counted
- All universal waste lamps including, but not limited to, fluorescent, high intensity discharge (including mercury vapor, metal halide and high-pressure sodium) and neon lights shall be properly recycled and/or disposed of according to Federal (40 CFR 273), State and local regulations.

Survey Process: (Limitations of Survey):

This project will disturb all building materials of the areas identified in the remodel package.

Building systems inspected and suspect materials sampled are representative of materials that may be disturbed during this project. (See Table I – Summary of Suspect Materials) Any material identified during the course of this project that was not identified in this survey must be inspected and sampled by an EPA Accredited Building Inspector prior to disturbance.

A TCLP sample was not collected to ascertain the amount of leachable lead in the demolition waste stream. Due to the destructive nature to acquire a waste stream sample this will be completed prior to demolition. (See Table II – Summary of TCLP Results)

The PCB containing light ballast inspection procedure utilizes a random visual inspection of installed lighting system ballasts (approx. 10% in areas to be impacted).

Other hazardous materials were not included in the scope of work during the course of this survey. Other risks that were not evaluated with this survey; Risks such as 1) toxic and hazardous substances in (or in contact with or associated with) soil or ground water; 2) risks associated with structural, electrical, or mechanical working of the building; 3) risks associated with radon gas, slope stability, building settlement, moisture, or site drainage and flooding have not been evaluated during this survey.

Lead

The presence of lead-containing coatings raises concerns about worker and environmental protection. Workers disturbing lead-containing coatings are covered under the lead standard (WAC 296-155-176) until shown they are not being exposed above the action limit of $30\mu g/m^3$. The requirements for this standard include, but are not limited to, air monitoring, respiratory protection, medical surveillance, lead work plan, warning signs and wash stations. Lead testing was performed by Mike McKay a certified Lead Risk Assessor certification #6512 expiration date 01-30-2025. All testing was performed on site using a Nikon XRF Lead Gun. (Please see attached lead results). Lead testing was performed throughout the facilities.

- The Hazardous Materials Abatement Contractor or Demolition Contractor is responsible to conduct any and all monitoring for exposure to lead as defined in WAC 296-155-17609.
- The Washington State Department of Ecology requires that waste from demolition activities that exhibit toxic characteristics be analyzed using the Toxic Characteristic Leachate Procedures (TCLP) (40 CFR 261.24). Due to the destructive nature of collecting a TCLP sample in an occupied building this testing will be performed prior to demolition if required.

Asbestos Containing Building Materials

VS-01



<u>Description</u>: Vinyl Sheeting w/gray felt backing. Non-Separable Mastic

<u>Material Location</u>: Men's

Restroom

Asbestos Content: 30%

Chrysotile

Estimated Quantity: 600 Square

Feet

Sample Number: 18

Non-Friable

VS-02



<u>Description</u>: Sheeting w/gray felt | Backing. Non-Separable Mastic

Material Location: Women's

Restroom

Asbestos Content: 30%

Chrysotile

Estimated Quantity: 1,200

Square Feet

Sample Number: 19

Non-Friable

Non-Asbestos Building Materials

CT-01



Description: 2x4 Ceiling Tiles

w/Glue Dots

Material Location: Offices

<u>Asbestos Content:</u> None Detected

Estimated Quantity: N/A

CT-02



Description: 2x4 Ceiling Tile

Material Location: Offices

<u>Asbestos Content:</u> None Detected

Estimated Quantity: N/A

Sample Number: 02

MISC-01



Description: HVAC Caulking

Material Location: Offices

Asbestos Content: None Detected

Estimated Quantity: N/A

SM-01



Description: Wall Texture

Material Location: Throughout

Asbestos Content: None Detected

Estimated Quantity:

<u>Sample Number:</u> 04, 05, 06, 07,

08, 09, 10

MA-01



Description: Carpet Mastic

Material Location: Office Space

<u>Asbestos Content</u>: None Detected

Estimated Quantity: N/A

MA-02



Description: Tan Carpet Mastic

Material Location: Bus Drivers

Lunch Room

<u>Asbestos Content</u>: None Detected

Estimated Quantity: N/A

Sample Number: 12

CBM-01



Description: Tan Cove Baase

Mastic

Material Location: Throughout

<u>Asbestos Content</u>: None Detected

Estimated Quantity: N/A

VT-01



Description: 12x12 Vinyl Tile Tan

Mastic

Material Location: Office/Lunch

Room

<u>Asbestos Content</u>: None Detected

Estimated Quantity: N/A

Sample Number: 14

VT-02



Description: 12x12 Vinyl Tile/

Mastic

Material Location: 2nd Floor Break

Room

<u>Asbestos Content</u>: None Detected

Estimated Quantity: N/A

WS-01



<u>Description</u>: Joint Compound associated w/Wallboard

Material Location: Throughout

<u>Asbestos Content</u>: None Detected

Estimated Quantity: N/A

Sample Number: 16, 20

MA-03



Description: Stair Tread Mastic

Material Location: 2nd Floor

Stairwell

Asbestos Content: None

Detected

Estimated Quantity: N/A

RM-01



<u>Description</u>: Roofing Sealant

Material Location: Metal Roof

Asbestos Content: None

Detected

Estimated Quantity: N/A

 $\begin{tabular}{ll} \hline \textbf{Table I} \\ \hline \textbf{Summary of Suspect Asbestos Containing Building Materials} \\ \hline \end{tabular}$

Material Code	Sample Number	Description	Location	Analytical (Laboratory)Result(s)
CT-1	01a	1x1 Ceiling tile	Office Area	NAD*
	01b	Glue Dot	Office Area	NAD*
CT-2	02	2x4 Ceiling Tile	Throughout	NAD*
Misc-1	03	HVAC Caulking	HVAC Ceiling	NAD*
SM-1	04, 05, 06, 07, 08, 09, 10	Wall Texture	Throughout	NAD*
MA-01	11a	Tan Carpet Mastic	Office Area	NAD*
	11b	Dark Mastic Remnants	Office Area	NAD*
MA-2	12	Tan Carpet Mastic	Drivers Lunchroom	NAD*
CBM-1	13a	Cove Base Mastic	Throughout	NAD*

	13b	Cove Base	Throughout	NAD*
VT-01	14a	12x12 Vinyl Tile	Office/Lunchroom	NAD*
	14b	Tan Mastic	Office Lunchroom	NAD*
VT-02	15a	12x12 Vinyl Tile	2 nd Floor Breakroom	NAD*
	15B	Beige Mastic	2 nd Floor Break Room	NAD*
WS-1	16a	Joint Compound	Throughout	NAD*
	16b	Wallboard	Throughout	NAD*
Misc2	17	Stairwell Tread Glue	2 nd Floor	NAD*
VS-1	18	Vinyl Sheeting w/Non- Separable Masic	Men's Restroom	30% Chrysotile
VS-2	19	Vinyl Sheeting w/Non- Separable Mastic	Women's Restroom	30% Chrysotile
WS-1	20a	Joint Compound	Throughout	NAD*
	20b	Wallboard	Throughout	NAD*
RM-1	21	Roof Sealant	Roof	NAD*

NAD* = non-detect for asbestos

Table II

Summary of Lead

Summary of Suspect Lead Based Painted Materials

Lead Based Paint Limited Assessment Report

Index	Room	Side	Component	Substrate	Color	Pbc
muex	KOOIII	Side	Component		Transmitted to	

Based upon the lead-containing coating results, no special precautions will need to be taken to disturb the painted surfaces tested. Various substrates on the interior and the exterior recorded no painted surfaces contained any detectable amounts of lead.

Table III

Summary of PCB Containing Light Ballasts in Fluorescent Light Fixtures

No PCB Light ballasts were identified during this investigation. The School District has a replacement program in place and only electronic ballasts were found.



Laboratory Results: See Attachment A

AHERA Inspector Certification:

See Attachment B

Field Data:

See Attachment C

INSPECTOR ENDORSEMENT:

Dennis Rauschenberg

AHERA Building Inspector/Management Planner General Manager

PROJECT REVIEW:

Donna McNeal Chemist/ Owner

ANALYSIS METHOD:

Polarized Light Microscopy

PARMETERS:

Southwest Clean Air Agency (SWCAA) and Washington State Department of Labor and Industries (L&I) regulations require an inspection of all buildings for the presence of asbestos-containing materials (ACM) prior to renovation and demolition.

ACM is identified as those building materials containing greater than one percent (>1.0%) of asbestos as verified by laboratory analysis. All building materials fabricated prior to 1980 are assumed to contain asbestos unless proven otherwise by a licensed building inspector.

According to Washington Administrative Code (WAC) 296-62-07721 Communication of Hazards to Employees, prior to the start of work, a building owner must identify the presence, location, and quantity of ACM and/or presumed ACM (PACM) in the work area. This information must be communicated to contractors bidding on work, contractors performing other work, employees and tenants in or adjacent to the work area. The Southwest Clean Air Agency Regulation III, Article 4 requires that an asbestos survey be conducted prior to any renovation or demolition of existing buildings. This survey was intended to meet these regulatory requirements.

In addition, the Washington State Department of Ecology (DOE) requires that waste from demolition or renovation activities that exhibits toxic characteristics be analyzed using the Toxic Characteristic Leaching Procedures (TCLP) (40 CFR 261.24 Toxicity Characteristic).

DEFINITIONS:

ACM is subdivided into three types;

Environmental and Hazardous Material Report Transportation Department Main Building 13909 NE 28th Street Vancouver, WA NOW Environmental Services Project # N22-0255

- (1) Surfacing Materials: These are defined as those materials that are sprayed-on, troweled-on or otherwise applied to surfaces including, but not limited to, lath and plaster, acoustical plaster on ceilings, paints, fireproofing materials on structural members or other materials on surfaces applied for decorative purposes.
- (2) Thermal System Insulation (TSI): These materials are defined as those applied to pipes, fillings, boilers, tanks, ducts or other structural components to prevent heat loss or gain.
- (3) Miscellaneous Materials: All other building materials that may be ACM but not surfacing materials or TSI fall into this category.

LIMITATIONS:

During demolition it is possible that additional suspect ACM may be discovered within assemblies and systems that were not accessible at the time of this survey. Should any such suspect material be discovered, an AHERA-certified building inspector will have to sample and test the materials to provide evidence that they are non-asbestos containing.

NOW Environmental Services is neither responsible for the classification of materials that were not identifiable with reasonable diligence at the time of this inspection, nor for the identification of materials beyond the scope for this project as we understood it at the time of this survey.

All square/lineal footage figures are approximate rough estimates to provide perspective and scope. Site sketches, when provided, are not to scale unless otherwise indicated.

Disclaimer

This report and its contents are limited to the scope and activities performed at the subject property as described. We represent that our services were performed within the limits prescribed by applicable regulations and in a manner consistent with the level of care and skill ordinarily exercised by other professional consultants under similar circumstances. No other representation is made to the client, expressed or implied, and no warranty or guarantee is included or intended.

Attachment A

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PAGE 3 OF 3



ORION Environmental Services

34004 Ninth Avenue South, Suite A12, Federal Way, WA 98003

Phone: (253) 952-6717 • Fax: (253) 927-4714 Email: info@oriones.net • Web: www.oriones.net

WBE W2F9219763

Polarized Light Microscopy Test Report EPA Method 600/R-98/116

Client: Evergreen Public Schools

Address: 13501 NE 28th Street, Vancouver, WA 98682 98682

Attention: Susan Steinbrenner

Project Name: Transportation Facilities

Project Number: N22-0255

Rpt. Date: 5/20/2022

Page: 1 of 2 **Invoice:** 224839

Date Rcvd: 5/19/2022

Client Sample ID	Orion Sample ID	Material Description	Sample Treatment	% Asbestos Containing Material	Asbestos Type	Other Fibers
01-a	20220519-61	Ceiilng Tile		ND		cellulose
01-b		Glue Dot		ND		
02	20220519-62	Ceiilng Tile		ND		cellulose
03	20220519-63	HVAC Caulking		ND		
04	20220519-64	Texture		ND		cellulose
05	20220519-65	Texture		ND		cellulose
06	20220519-66	Texture		ND		cellulose
07	20220519-67	Texture		ND		cellulose
08	20220519-68	Texture		ND		cellulose
09	20220519-69	Texture		ND		cellulose
10	20220519-70	Texture		ND		cellulose
11-a	20220519-71	Tan Carpet Mastic		ND		cellulose
11-b		Dark Mastic Remnants		ND		cellulose
12	20220519-72	Tan Carpet Mastic		ND		man-made fibers
13-a	20220519-73	Cove Base Mastic		ND		
13-b		Black Cove		ND		
14-a	20220519-74	Vinyl Tile		ND		
14-b		Tan Mastic		ND		

Polarized Light Microscopy Test Report (cont.)

Client: Evergreen Public Schools

Address: 13501 NE 28th Street, Vancouver, WA 98682 98682

Attention: Susan Steinbrenner

Project Name: Transportation Facilities

Project Number: N22-0255

Rpt. Date: 5/20/2022

Page: 2 of 2 **Invoice:** 224839

Date Rcvd: 5/19/2022

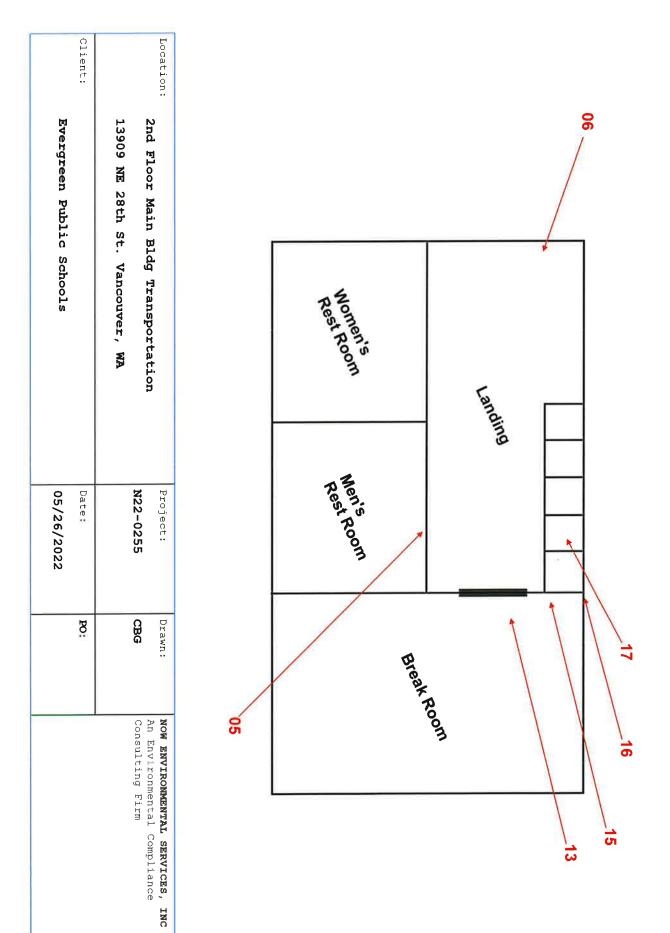
Client Sample ID	Orion Sample ID	Material Description	Sample Treatment	% Asbestos Containing Material	Asbestos Type	Other Fibers
15-a	20220519-75	Vinyl Tile		ND		
15-b		Beige Mastic		ND		
16-a	20220519-76	Joint Compound		ND		
16-b		Wallboard		ND		
17	20220519-77	Stairwell Tread Glue		ND		
18	20220519-78	V.S. w/ Gray Felt Backing; Non Separable Mastic		30	Chrysotile	cellulose
19	20220519-79	V.S. w/ Gray Felt Backing; Non Separable Mastic		30	Chrysotile	cellulose
20-a	20220519-80	Joint Compound		ND		cellulose
20-b		Wallboard		ND		cellulose
21-a	20220519-81	Sealant		ND		man-made fibers
21-b		Roof Material		ND		man-made fibers

Dup: Laboratory QA/QC Duplicate; M; Mastic [(a), (b), (c), etc.]: Sample layers numbered from front to back.

Comments: For layered samples, each component has been analyzed separately. ND means non-detect for asbestos fibers by EPA Method 600/R-98/116.Disclaimers: PLM has been known to miss asbestos in a small percentage of samples that contain asbestos. Thus, these laboratory results represent due diligence, however negative or <1 % PLM results can not be guaranteed. Per EPA guidelines samples will be archived for 30 days then will be disposed of. This report may only be reproduced in full with written approval of ORION Environmental Services.

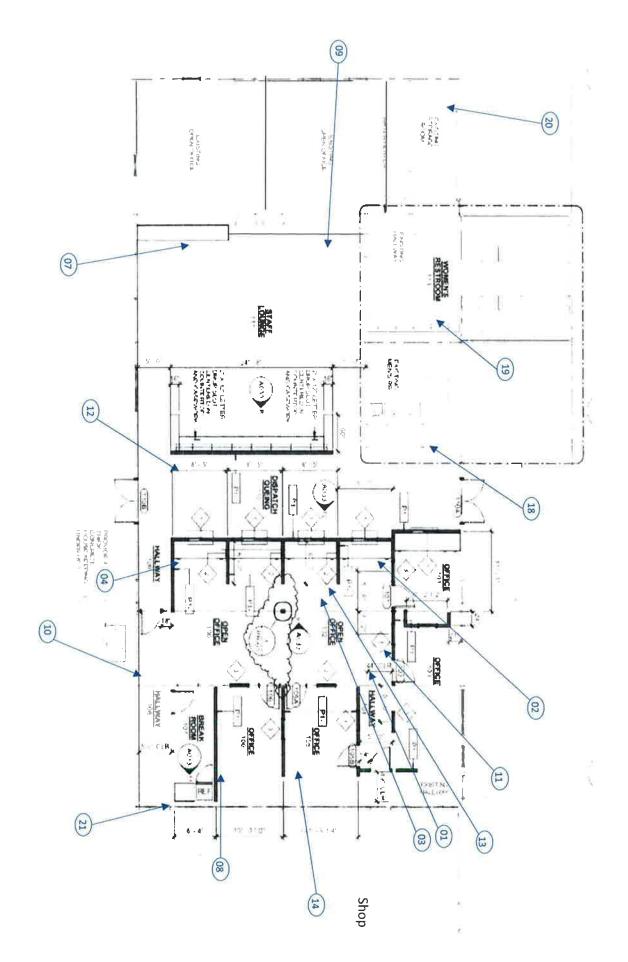
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Dennis Rauschenberg	5/19/2022	Donna McNeal	5/20/2022	
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Attachment B



FIRST FLOOR TRANSPORTATION BUILDING

Main Building - 13909 NE 25A St, Vancouver, WA Asbestos Sample Locations



Attachment C

Lead-Based Paint Program

Michael C. McKay



Cert #65 2 Expires 01/36/2022



