



Asbestos Survey Report

This report is prepared for and the property of

**The City of the Dalles and
The Gateway Urban Renewal Agency**

**Project:
401 to 407 E. Second Street
The Dalles, Oregon**

**Report Date:
May 21, 2018**

Prepared by:

JSE Labs, Inc.

Jones-Stohosky Environmental Laboratory, Inc.

3315 SE Harrison Street, Suite C

Milwaukie, Oregon 97222

Phone: 503-659-8338

Fax: 503-659-7577

www.jselabs.com

INSPECTION SUMMARY

This survey was performed on behalf of The City of The Dalles and The Gateway Urban Renewal Agency to meet the requirements to survey the property for asbestos and lead prior demolition of the structures occupying the property at the above referenced addresses. Asbestos-containing materials, paints containing lead, and other materials that are considered universal wastes that must be removed from the demolition waste stream were identified.

Asbestos

JSE Labs performed a survey for asbestos-containing building materials and lead-containing paint for two attached store front buildings with the address range 401 to 407 E. Second Street, The Dalles, Oregon. The older building has an address of 401 E. Second and is located at the corner of East Second and Federal Streets (“the 401 building”) is a masonry structure with a built-up roof and a mix of plaster and drywall walls and a full basement. There is also a three-unit masonry building constructed of concrete masonry units (CMU), with sheet vinyl, floor tile, and carpeted floors, drywall walls and ceilings and suspended ceilings (CMU Building) with addresses of 403, 405, 407 E. Second Street. The building was vacant at the time of the survey. Although JSE performed exploratory demolition and made a good faith effort to locate and sample concealed materials from behind walls, below floors and above ceilings, some materials that were not sampled may remain. If suspect ACM that was not sampled during this assessment is discovered during demolition, it should be sampled and analyzed before being disturbed any further.

The following materials were sampled by JSE Labs and tested positive for asbestos.

Material	Material Extent	Approximate Quantity
9” x 9” Floor Tile/Mastic, various colors (green, beige)	Hallway, restroom, stairs and stair landing for loft, (yellow mastic in restroom not an ACBM)	16,600 sq. ft.
12” x 12” Tile/Mastic	Main floor and loft of 401 building (corner building), over 9” x 9” floor tile.	3,600 sq. ft.*
Exterior wall panels	Exterior façade on upper walls facing E. Second and Federal Streets	2,000 sq. ft.
Built-up roofing (BUR)	Roof of 401 Building at 401	6,250 sq. ft.
Silver coat	Roof of 401 building, parapet walls of CMU Building	7,250 sq. ft.
Roof Patching	401 Roof	Part of BUR
Skim Coat on Concrete Panels	Concrete façade, upper walls fronting streets	2,000 sq. ft.
Cement-asbestos board	Walls and ceiling in rooms along the west wall of the basement	850 sq. ft.
Cement-asbestos board debris	Debris pile in southcentral part of basement	20 cubic ft.
Pipe insulation	Abandoned steam lines in west part of basement	120 linear ft.
Hard fittings	T-fittings and elbows on above steam line	8 fittings

*This material is a second layer on top of asbestos-containing 9”x9” tiles.

The nine-inch-square floor tile found throughout most of the project area, including under non-ACM twelve-inch-square floor tile and under most of the carpeted areas was identified as an asbestos-containing material that ranged from two to five percent chrysotile asbestos. Under Hard elbow insulation that was previously presumed for the AHERA survey and labeled asbestos warning labels was tested as part of this survey and the analysis no asbestos was detected in the samples. This material may be removed from the management plan and the labels may be removed. The following material produced inconsistent results throughout the building:

Material	Material Extent	Approximate Quantity
Joint Compound on drywall	All original wallboard partition walls	Throughout

The nine-inch-square floor tile found throughout most of the project area, including under non-ACM twelve-inch-square floor tile and under most of the carpeted areas was identified as an asbestos-containing material that ranged from two to five percent chrysotile asbestos. Under Hard elbow insulation that was previously presumed for the AHERA survey and labeled asbestos warning labels was tested as part of this survey and the analysis no asbestos was detected in the samples. This material may be removed from the management plan and the labels may be removed. Asbestos samples were tested using polarized light microscopy in accordance with EPA method 600 M-4-82-020 (600 R-93-116).

Lead-Based Paint

The following painted surfaces were tested for the presence of lead during this survey:

Painted Surface/ Substrate	Sample Location	Paint Color and Extent	Analysis Result
Exterior Wall/Brick	North side of 401 Building	White north walls	<LOD (235 PPM)
Wall/Concrete	On north side concrete masonry unit, north wall	White north wall	<LOD (212 PPM)
Exterior Parapet Wall/Metal	Parapet wall, south side of building	Silver – perimeter of roof	301 PPM
Interior Wall/Plaster	2 nd Floor loft, 401 Building	White – Walls throughout second floor of 401 Building	3,400 PPM
Interior Wall/Plaster	1 st floor west wall	White – Walls through first floor of 401 building	1,090 PPM
Interior Wall/Gypsum Board	Near double fire doors in wood shop	White, Walls throughout CMU building (403 to 407 E. 2 nd St.)	<LOD (198 PPM)

Paint samples were analyzed according to EPA SW846 Method 3050/7420 Flame Atomic. All varnish and paint which was not tested is presumed to contain lead.

Lead-based paint is designed as paint that contains 0.5% lead by weight (5,000 part per million or ppm). Although none of the tested paints meets this criterion, paint containing lead was identified in the older building located at 401 E. Second Street does contain detectable levels of lead.

Universal Wastes

The following items that are assumed to contain universal wastes were identified during the building survey:

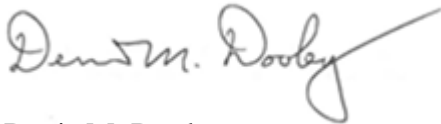
- 120 fluorescent light tubes (predominantly eight-foot tubes)
- 100 fluorescent light ballasts
- 8 mercury switches within thermostats (one to four per thermostat)

Recommendations

Friable and NESHAP Category I and II ACM are present in and on the building. Asbestos containing materials identified above must be removed prior to any demolition. Any materials discovered during demolition that were not tested should be sampled and analyzed prior to disturbance.

Lead-based paint can remain for demolition; sample sampling of the waste stream must be

Mercury-containing light tubes, thermostats, and suspect PCB-containing ballasts are presents.



Denis M. Dooley

Senior Industrial Hygienist

AHERA Certification No. IMP-17-6366A

Jones Stohosky Environmental Laboratory, Inc.
 3315 SE Harrison Street, Suite C, Milwaukie, Oregon 97222
 Ph: 503-659-8338 Fax 503-659-7577
 www.jselabs.com



Asbestos Analysis

SAMPLE INVENTORY

City of The Dalles
 Project: Old Tony's Clothing 401 2nd St The Dalles, OR

JSE Client #: 14064.01
 Batch #: 1809819
 Report Date: 05/02/2018

Sample Type	Sample Location	Material Extent	Quantity	Description	Asbestos Content
14064.01-01 Off-White 12x12/Brown 9x9/Black Mastic	By Side Door To Fed St	Back Of	3600 SF	Layer 1: Off-white hard vinyl tile Layer 2: Black tacky mastic Layer 3: Red hard vinyl tile Layer 4: Black tacky mastic	2% Chrysotile None Detected 4% Chrysotile None Detected
14064.01-02 Off-White 12x12/Brown 9x9/Black Mastic	Far Back Room	Sales Floor	3600 SF		Sample Archived
14064.01-03 Darker Green 9x9/Black Mastic	Mid-Front Show Room	Floor	980 SF	Layer 1: Green hard vinyl tile Layer 2: Black tacky mastic	4% Chrysotile <1% Chrysotile
14064.01-04 Darker Green 9x9/Black Mastic	Front Show Room By Font w/Open Ceiling		980 SF		Sample Archived
14064.01-05 Light Green Floor Tile/Mastic	Under Side Loft By Wall Under Side Loft		6755 SF	Layer 1: Green hard vinyl tile Layer 2: Black tacky mastic	5% Chrysotile None Detected
14064.01-06 Tan 9x9/Black Mastic	403 Space-Front In Middle Loft Office Under Carpet	Sales Floor East	1224 SF	Layer 1: Beige hard vinyl tile Layer 2: Black mastic/ cream compound	3% Chrysotile <1% Chrysotile

Analysis: EPA-600/M4-82-020 and EPA 600/R-93/116 Methods using PLM - Asbestos

Jones Stohosky Environmental Laboratory, Inc.
 3315 SE Harrison Street, Suite C, Milwaukie, Oregon 97222
 Ph: 503-659-8338 Fax 503-659-7577
 www.jselabs.com



Asbestos Analysis

SAMPLE INVENTORY

City of The Dalles
 Project: Old Tony's Clothing 401 2nd St The Dalles, OR

JSE Client #: 14064.01
 Batch #: 1809819
 Report Date: 05/02/2018

Sample Type	Sample Location	Material Extent	Quantity	Description	Asbestos Content
14064.01-07 Tan 9x9/Black Mastic	403 Space-Front In Middle Loft Office Under Carpet	Loft Office	1224 SF		Sample Archived
14064.01-08 Off-White Floor Tile	Under Carpet By Stairs	Open Loft	1120 SF	Layer 1: Yellow mastic Layer 2: Grey/ green hard vinyl tile Layer 3: Black tacky mastic Layer 4: White hard compound chunk	None Detected 4% Chrysotile <1% Chrysotile None Detected
14064.01-09 Tan 3" Cove/Brown Mastic	Back Sales Floor, West Wall	West Wall	78 LF	Layer 1: Brown curved cove base Layer 2: Brown brittle mastic flakes	None Detected None Detected
14064.01-10 Brown 4" Cove/Brown Mastic	Back Room, Partition Wall	Back Wall Base	40 LF	Layer 1: Brown curved cove base Layer 2: Brown brittle mastic flakes	None Detected None Detected
14064.01-11 Drywall/Joint Compound	Back Stockroom	Partitions	2600 SF	Layer 1: White paint w/ powder texture Layer 2: White gypsum w/ brown paper	None Detected None Detected
14064.01-12 Drywall/Joint Compound	Rest Room, North Side	Partitions	2600 SF	Layer 1: Cream paint w/ powder Layer 2: Cream paper w/ powder Layer 3: White gypsum w/ brown paper	1% Chrysotile 2% Chrysotile None Detected

Analysis: EPA-600/M4-82-020 and EPA 600/R-93/116 Methods using PLM - Asbestos

Jones Stohosky Environmental Laboratory, Inc.
 3315 SE Harrison Street, Suite C, Milwaukie, Oregon 97222
 Ph: 503-659-8338 Fax 503-659-7577
 www.jselabs.com



Asbestos Analysis

SAMPLE INVENTORY

City of The Dalles
 Project: Old Tony's Clothing 401 2nd St The Dalles, OR

JSE Client #: 14064.01

Batch #: 1809819

Report Date: 05/02/2018

Sample Type	Sample Location	Material Extent	Quantity	Description	Asbestos Content
14064.01-13 Drywall/Joint Compound/ Texture	Back Stockroom Ceiling			Layer 1: Cream paint w/ powder texture Layer 2: Off-white gypsum w/ paper	2% Chrysotile None Detected
14064.01-14 Ceiling Texture	Ceiling Texture-Loft		6000 SF	Cream/tan, paint w/ powder texture	None Detected
14064.01-15 Ceiling Texture			6000 SF	Cream/tan, paint w/ powder texture	None Detected
14064.01-16 Ceiling Tile	Back Room, Northeast Under Loft	Drop Ceiling	168 SF	Layer 1: White paint w/ powder Layer 2: Tan fibrous material	None Detected None Detected
14064.01-17 Blown-In Insulation	Above Ceiling	Above Ceiling	6000 SF	Cream, fluffy fibrous fill	None Detected
14064.01-18 Wall Plaster	West Wall	Walls	3000	Layer 1: Yellow paint/ tan paper Layer 2: Tan powder skim coat Layer 3: White coarse-grain plaster	None Detected None Detected None Detected
14064.01-19 Wall Plaster	North Wall Above Picture Window	Perimeter	3000	White, coarse-grain plaster	None Detected
14064.01-20 Mortar	On/Between Brick-Interior Walls			Gray, cement compound	None Detected

Analysis: EPA-600/M4-82-020 and EPA 600/R-93/116 Methods using PLM - Asbestos



Asbestos Analysis

SAMPLE INVENTORY

City of The Dalles
 Project: Old Tony's Clothing 401 2nd St The Dalles, OR

JSE Client #: 14064.01
 Batch #: 1809819
 Report Date: 05/02/2018

Sample Type	Sample Location	Material Extent	Quantity	Description	Asbestos Content
14064.01-21 Flashing Tar	Southeast Corner, CMU Building's Roof	Parapet	100 SF	Black, fibrous tar	None Detected
14064.01-22 Flashing Tar	Southwest Corner, Roof	Wall	100 SF	Silver, paint w/ black fibrous, vitreous tar	4% Chrysotile
14064.01-23 Flashing Tar	Northeast Corner	Full Roof	6250 SF	Layer 1: Red composite Layer 2: Gray compound mortar Layer 3: Black tar	<1% Chrysotile 1% Chrysotile 8% Chrysotile
14064.01-24 Built-Up Roofing	East Side Of Roof	Full Roof	6250 SF	Layer 1: Silver paint w/ black tar Layer 2: Black fibrous, vitreous tar Layer 3: Brown paper w/ black tar	<1% Chrysotile 8% Chrysotile None Detected
14064.01-25 Built-Up Roofing	Apex Near Center Roof	Full Roof	6250 SF	Silver, paint w/ black, fibrous, vitreous tar	None Detected
14064.01-26 Mineral Roll/Built-Up Roofing	Patch Area Along West Roof	8'x125' West Edge	1000	Layer 1: Brown rock pieces w/ tar Layer 2: Black vitreous tar w/ netting Layer 3: Black fibrous, vitreous tar Layer 4: Brown paper w/ vitreous tar	<1% Chrysotile None Detected 1% Chrysotile None Detected

Analysis: EPA-600/M4-82-020 and EPA 600/R-93/116 Methods using PLM - Asbestos

Jones Stohosky Environmental Laboratory, Inc.
 3315 SE Harrison Street, Suite C, Milwaukie, Oregon 97222
 Ph: 503-659-8338 Fax 503-659-7577
 www.jselabs.com



Asbestos Analysis

SAMPLE INVENTORY

City of The Dalles
 Project: Old Tony's Clothing 401 2nd St The Dalles, OR

JSE Client #: 14064.01
 Batch #: 1809819
 Report Date: 05/02/2018

Sample Type	Sample Location	Material Extent	Quantity	Description	Asbestos Content
14064.01-27 Adhesive	Aggregate Adhesive On West Wall	West Wall	228	Tan, wood w/ mastic & rock pieces	None Detected
14064.01-28 Blue Sheet Vinyl Flooring/Glue	Bathroom, Norhteast Corner, Chirop Sp 405 2nd	Bathroom	120 SF	Layer 1: Blue speckled vinyl Layer 2: Gray felt w/ mastic & wood	None Detected None Detected
14064.01-29 9"x9"/Black Mastic/Carpet Glue	Foyer	Throughout	1200 SF	Layer 1: Tan vinyl tile Layer 2: Black mastic upper Layer 3: Yellow mastic lower	5% Chrysotile None Detected None Detected
14064.01-30 9"x9"/Black Mastic	Under Carpet, Padding-Exam Room	Throughout	1200 SF		Sample Archived
14064.01-31 3" Cove Base/Mastic	Exam Room 2	Throughout	250 LF	Layer 1: Brown cove base Layer 2: Brown flaky mastic	None Detected None Detected
14064.01-32 Drywall/Joint Compound	Reception At End Of Hall	Walls Throughout	6400 SF	Layer 1: Off-white paint/sand Layer 2: Cream paper/compound Layer 3: Tan paint Layer 4: White gypsum wallboard	None Detected None Detected None Detected None Detected

Analysis: EPA-600/M4-82-020 and EPA 600/R-93/116 Methods using PLM - Asbestos

Jones Stohosky Environmental Laboratory, Inc.
 3315 SE Harrison Street, Suite C, Milwaukie, Oregon 97222
 Ph: 503-659-8338 Fax 503-659-7577
 www.jselabs.com



Asbestos Analysis

SAMPLE INVENTORY

City of The Dalles
 Project: Old Tony's Clothing 401 2nd St The Dalles, OR

JSE Client #: 14064.01
 Batch #: 1809819
 Report Date: 05/02/2018

Sample Type	Sample Location	Material Extent	Quantity	Description	Asbestos Content
14064.01-33 Drywall/Joint Compound		Walls Throughout	6400 SF	Layer 1: White paint/ grey compound Layer 2: Cream paper/ grey compound Layer 3: White gypsum wallboard	1% Chrysotile 1% Chrysotile None Detected
14064.01-34 Drywall/Joint Compound	Restroom	Walls Throughout	6400 SF		Sample Archived
14064.01-35 Caulk-Exterior	Window-At Front	Around Windows	180 LF	White, soft flexible compound w/paint	None Detected
14064.01-36 Blown-In Insulation	Attic At Hatch From Restroom	Attic	4500 SF	Light brown, shredded paper fill	None Detected
14064.01-37 9"x9" Floor Tile/Black Mastic	Back Room At Center	Back Room, Rest Room, Under Carpet	1340 SF	Layer 1: Tan marbled vinyl Layer 2: Black mastic	4% Chrysotile None Detected
14064.01-38 Sheet Vinyl Green	Rest Room (30 SF)	Restroom	325	Layer 1: Green mottled vinyl sheet Layer 2: Beige felt/ yellow mastic Layer 3: Beige vinyl chips	None Detected None Detected 5% Chrysotile

Analysis: EPA-600/M4-82-020 and EPA 600/R-93/116 Methods using PLM - Asbestos

Jones Stohosky Environmental Laboratory, Inc.
 3315 SE Harrison Street, Suite C, Milwaukie, Oregon 97222
 Ph: 503-659-8338 Fax 503-659-7577
 www.jselabs.com



Asbestos Analysis

SAMPLE INVENTORY

City of The Dalles
 Project: Old Tony's Clothing 401 2nd St The Dalles, OR

JSE Client #: 14064.01
 Batch #: 1809819
 Report Date: 05/02/2018

Sample Type	Sample Location	Material Extent	Quantity	Description	Asbestos Content
14064.01-39 Sheet Vinyl Green	Middle Room By North Wall	Middle Room	325	Layer 1: Gray paint remnant Layer 2: Green mottled vinyl sheet Layer 3: Beige felt Layer 4: Yellow mastic	None Detected None Detected None Detected None Detected
14064.01-40 Green Cove/Glue	Restroom, Middle Rooms	Middle, Restroom	100	Layer 1: Brown curved vinyl Layer 2: Cream mastic Layer 3: Cream paint/powder compound Layer 4: Cream paper remnant	None Detected None Detected None Detected None Detected
14064.01-41 Sheet Vinyl Flooring/ Glue/Mastics	Front Of Space 407	Entry	80 SF	Layer 1: Gray mottled vinyl sheet Layer 2: Cream felt Layer 3: Tan mastic/ gray compound Layer 4: Black mastic	None Detected None Detected None Detected None Detected
14064.01-42 Sheet Vinyl Flooring/Glue	Back Room At Northeast End	Patched Area	72 SF	Layer 1: Beige/ cream vinyl Layer 2: Clear yellow mastic	None Detected None Detected
14064.01-43 Carpet Glue/Etc	Under Carpet, Front Room	Front Room Except Entry	800 SF	Layer 1: Brown flexible sheet Layer 2: Yellow mastic Layer 3: White powder trace	None Detected None Detected None Detected

Analysis: EPA-600/M4-82-020 and EPA 600/R-93/116 Methods using PLM - Asbestos

Jones Stohosky Environmental Laboratory, Inc.
 3315 SE Harrison Street, Suite C, Milwaukie, Oregon 97222
 Ph: 503-659-8338 Fax 503-659-7577
 www.jselabs.com



Asbestos Analysis

SAMPLE INVENTORY

City of The Dalles
 Project: Old Tony's Clothing 401 2nd St The Dalles, OR

JSE Client #: 14064.01
 Batch #: 1809819
 Report Date: 05/02/2018

Sample Type	Sample Location	Material Extent	Quantity	Description	Asbestos Content
14064.01-44	Walls In East Space (407 E 2nd)	East Space Walls, Ceilings	3600 SF	Layer 1: White paint/ powder skim coats	None Detected
Drywall/Joint Compound				Layer 2: White powder compound	None Detected
				Layer 3: White gypsum board/ paper	None Detected
14064.01-45	Walls In East Space (407 E 2nd)	East Space Walls, Ceilings	3600 SF	Layer 1: White paint/ powder skim coats	None Detected
Drywall/Joint Compound				Layer 2: White powder compound	1% Chrysotile
				Layer 3: White gypsum board/ paper	None Detected
14064.01-46	Walls In East Space (407 E 2nd)	East Space Walls, Ceilings	3600 SF		Sample Archived
Drywall/Joint Compound					
14064.01-47	Front Of CMU Building Decorative Brick	Façade	200 SF	Layer 1: Gray cementitious chips	None Detected
Mortar				Layer 2: Orange coarse-grain aggregate	None Detected
14064.01-48	Façade On Fed St	Street Façade	2000 SF	Layer 1: Blue paint/ powder skim coats	None Detected
Concrete Façade/Mortar				Layer 2: Off-white compound	5% Chrysotile
				Layer 3: White coarse-grain cement	None Detected

Analysis: EPA-600/M4-82-020 and EPA 600/R-93/116 Methods using PLM - Asbestos

Jones Stohosky Environmental Laboratory, Inc.
 3315 SE Harrison Street, Suite C, Milwaukie, Oregon 97222
 Ph: 503-659-8338 Fax 503-659-7577
 www.jselabs.com



Asbestos Analysis

SAMPLE INVENTORY

City of The Dalles
 Project: Old Tony's Clothing 401 2nd St The Dalles, OR

JSE Client #: 14064.01
 Batch #: 1809819
 Report Date: 05/02/2018

Sample Type	Sample Location	Material Extent	Quantity	Description	Asbestos Content
14064.01-49 Cement Panels	Basement Walls-West Wall, North End	West Side Basement	850	Gray, cementitious board	25% Chrysotile
14064.01-50 Pipe Insulation Cardboard Wrap	At Boiler Middle Area North End	Basement Along West Wall	120 LF	Layer 1: Off-white woven sheet Layer 2: Gray thick felt	None Detected <1% Chrysotile
14064.01-51 Pipe Insulation Cardboard Wrap	At Boiler Middle Area At North End	Basement Along West Wall	120 LF		Sample Archived
14064.01-52 Pipe Insulation Cardboard Wrap	At Boiler Middle Area At North End	Basement Along West Wall	120 LF		Sample Archived
14064.01-53 Joint Mud Insulation	By Boiler Middle Northwest Corner Room Basement	West Wall Of Basement	8 EA	Cream, fibrous clumped compound	60% Chrysotile
14064.01-54 Joint Mud Insulation	By Boiler Middle Northwest Corner Room Basement	West Wall Of Basement	8 EA		Sample Archived

Analysis: EPA-600/M4-82-020 and EPA 600/R-93/116 Methods using PLM - Asbestos

Jones Stohosky Environmental Laboratory, Inc.
 3315 SE Harrison Street, Suite C, Milwaukie, Oregon 97222
 Ph: 503-659-8338 Fax 503-659-7577
 www.jselabs.com



Asbestos Analysis

SAMPLE INVENTORY

City of The Dalles
 Project: Old Tony's Clothing 401 2nd St The Dalles, OR

JSE Client #: 14064.01
 Batch #: 1809819
 Report Date: 05/02/2018

Sample Type	Sample Location	Material Extent	Quantity	Description	Asbestos Content
14064.01-55 Joint Mud Insulation	By Boiler Middle Northwest Corner Room Basement	West Wall Of Basement	8 EA		Sample Archived
14064.01-56 Mortar In Stone Wall	East Wall Of 401 E 2nd Bldg	Foundation	1800 SF	White, coarse-grain compound	None Detected

Analysis: EPA-600/M4-82-020 and EPA 600/R-93/116 Methods using PLM - Asbestos

Jones Stohosky Environmental Laboratory, Inc.
 3315 SE Harrison Street, Suite C, Milwaukie, Oregon 97222
 Ph: 503-659-8338 Fax 503-659-7577
 www.jselabs.com



Asbestos Analysis of Bulk Materials by Polarized Light Microscopy

City of The Dalles
 Project: Old Tony's Clothing 401 2nd St The Dalles, OR

JSE Project: 14064.01
Analysis Date: 04/27/2018
Report Date: 05/02/2018

Sample	Layer	Description	Binder/Matrix	Other Non-Asbestos	Asbestos (% Type)
14064.01-01	LAYER 1	Off-white hard vinyl tile	vinyl		2 % Chrysotile
AB-1809819			acid soluble		
	LAYER 2	Black tacky mastic	mastic/glue asphaltic		None Detected
	LAYER 3	Red hard vinyl tile	vinyl		4 % Chrysotile
			acid soluble		
	LAYER 4	Black tacky mastic	mastic/glue asphaltic		None Detected

Subsamples ashed for quality assurance.

14064.01-02 **Sample Archived**
 AB-1809820

Sample archived; not analyzed per request.

Jones Stohosky Environmental Laboratory, Inc.
 3315 SE Harrison Street, Suite C, Milwaukie, Oregon 97222
 Ph: 503-659-8338 Fax 503-659-7577
 www.jselabs.com



Asbestos Analysis of Bulk Materials by Polarized Light Microscopy

City of The Dalles **JSE Project:** 14064.01
 Project: Old Tony's Clothing 401 2nd St The Dalles, OR **Analysis Date:** 04/27/2018
Report Date: 05/02/2018

Sample	Layer	Description	Binder/Matrix	Other Non-Asbestos	Asbestos (% Type)
14064.01-03	LAYER 1	Green hard vinyl tile	vinyl		4 % Chrysotile
AB-1809821			acid soluble		
	LAYER 2	Black tacky mastic	mastic/glue asphaltic		<1% Chrysotile

Subsamples ashed for quality assurance.

14064.01-04 **Sample Archived**
 AB-1809822

Sample archived; not analyzed per request.

14064.01-05	LAYER 1	Green hard vinyl tile	vinyl		5 % Chrysotile
AB-1809823			acid soluble		
	LAYER 2	Black tacky mastic	mastic/glue asphaltic		None Detected

Subsamples ashed for quality assurance.



Asbestos Analysis of Bulk Materials by Polarized Light Microscopy

City of The Dalles **JSE Project:** 14064.01
 Project: Old Tony's Clothing 401 2nd St The Dalles, OR **Analysis Date:** 04/30/2018
Report Date: 05/02/2018

Sample	Layer	Description	Binder/Matrix	Other Non-Asbestos	Asbestos (% Type)
14064.01-06	LAYER 1	Beige hard vinyl tile	vinyl		3 % Chrysotile
AB-1809824	LAYER 2	Black mastic/cream compound	mastic/glue acid soluble		<1% Chrysotile

Subsamples ashed for quality assurance.

14064.01-07 **Sample Archived**
 AB-1809825

Sample archived; not analyzed per request.

14064.01-08	LAYER 1	Yellow mastic	mastic/glue binders		None Detected
AB-1809826	LAYER 2	Grey/ green hard vinyl tile	vinyl acid soluble		4 % Chrysotile
	LAYER 3	Black tacky mastic	mastic/glue asphaltic		<1% Chrysotile
	LAYER 4	White hard compound chunk	acid soluble binders		None Detected

Subsamples ashed for quality assurance.

Jones Stohosky Environmental Laboratory, Inc.
 3315 SE Harrison Street, Suite C, Milwaukie, Oregon 97222
 Ph: 503-659-8338 Fax 503-659-7577
 www.jselabs.com



Asbestos Analysis of Bulk Materials by Polarized Light Microscopy

City of The Dalles **JSE Project:** 14064.01
 Project: Old Tony's Clothing 401 2nd St The Dalles, OR **Analysis Date:** 04/30/2018
Report Date: 05/02/2018

Sample	Layer	Description	Binder/Matrix	Other Non-Asbestos	Asbestos (% Type)
14064.01-09	LAYER 1	Brown curved cove base	synthetic		None Detected
AB-1809827	LAYER 2	Brown brittle mastic flakes	mastic/glue binders	0.1% wollastonite lathes	None Detected
Subsamples ashed for quality assurance.					
14064.01-10	LAYER 1	Brown curved cove base	synthetic		None Detected
AB-1809828	LAYER 2	Brown brittle mastic flakes	mastic/glue binders		None Detected
Subsamples ashed for quality assurance.					

Jones Stohosky Environmental Laboratory, Inc.
 3315 SE Harrison Street, Suite C, Milwaukie, Oregon 97222
 Ph: 503-659-8338 Fax 503-659-7577
 www.jselabs.com



Asbestos Analysis of Bulk Materials by Polarized Light Microscopy

City of The Dalles **JSE Project:** 14064.01
 Project: Old Tony's Clothing 401 2nd St The Dalles, OR **Analysis Date:** 05/01/2018
Report Date: 05/02/2018

Sample	Layer	Description	Binder/Matrix	Other Non-Asbestos	Asbestos (% Type)
14064.01-11	LAYER 1	White paint w/ powder texture	paint	4% mica	None Detected
AB-1809829			acid soluble		
	LAYER 2	White gypsum w/ brown paper	gypsum paper	15% Cellulose	None Detected

Subsamples ashed for quality assurance. Paint not separable from texture and included in analysis results. Analysis of the brown fibrous paper layer is included in the analysis of the gypsum wallboard layer. Both gypsum and paper tested negative for asbestos.

14064.01-12	LAYER 1	Cream paint w/ powder	paint	5% mica	1 % Chrysotile
AB-1809830			acid soluble		
	LAYER 2	Cream paper w/ powder	paper acid soluble	40% Cellulose 6% mica	2 % Chrysotile
	LAYER 3	White gypsum w/ brown paper	gypsum paper	15% Cellulose	None Detected

Subsamples ashed for quality assurance. Paint not separable from texture and included in analysis results. Analysis of the brown fibrous paper layer is included in the analysis of the gypsum wallboard layer. Both gypsum and paper tested negative for asbestos.

Jones Stohosky Environmental Laboratory, Inc.
 3315 SE Harrison Street, Suite C, Milwaukie, Oregon 97222
 Ph: 503-659-8338 Fax 503-659-7577
 www.jselabs.com



Asbestos Analysis of Bulk Materials by Polarized Light Microscopy

City of The Dalles **JSE Project:** 14064.01
 Project: Old Tony's Clothing 401 2nd St The Dalles, OR **Analysis Date:** 05/01/2018
Report Date: 05/02/2018

Sample	Layer	Description	Binder/Matrix	Other Non-Asbestos	Asbestos (% Type)
14064.01-13	LAYER 1	Cream paint w/ powder texture	paint	3% mastic/glue	2 % Chrysotile
AB-1809831			acid soluble		
	LAYER 2	Off-white gypsum w/ paper	gypsum paper	20% Cellulose	None Detected

Subsamples ashed for quality assurance. Paint not separable from texture and included in analysis results. Analysis of the brown fibrous paper layer is included in the analysis of the gypsum wallboard layer. Both gypsum and paper tested negative for asbestos.

14064.01-14	LAYER 1	Cream/tan paint w/ powder texture	paint		None Detected
AB-1809832			acid soluble		

Sample ashed for quality assurance. Paint not separable from texture and included in analysis results.

14064.01-15	LAYER 1	Cream/tan paint w/ powder texture	paint		None Detected
AB-1809833			acid soluble		

Sample ashed for quality assurance. Paint not separable from texture and included in analysis results.



Asbestos Analysis of Bulk Materials by Polarized Light Microscopy

City of The Dalles **JSE Project:** 14064.01
 Project: Old Tony's Clothing 401 2nd St The Dalles, OR **Analysis Date:** 05/01/2018
Report Date: 05/02/2018

Sample	Layer	Description	Binder/Matrix	Other Non-Asbestos	Asbestos (% Type)
14064.01-16	LAYER 1	White paint w/ powder	paint		None Detected
AB-1809834			acid soluble		
	LAYER 2	Tan fibrous material	filler binders	30% Fibrous Glass 50% Cellulose	None Detected

Subsamples ashed for quality assurance.

14064.01-17	LAYER 1	Cream fluffy fibrous fill	opaque	94% Fibrous Glass	None Detected
AB-1809835			acid soluble	0.1% Cellulose	

Subsamples ashed for quality assurance.

14064.01-18	LAYER 1	Yellow paint/ tan paper	paint		None Detected
AB-1809836			paper		
	LAYER 2	Tan powder skim coat	acid soluble binders		None Detected
	LAYER 3	White coarse-grain plaster	acid soluble rock particles	2% Cellulose	None Detected

Subsamples ashed for quality assurance.

Jones Stohosky Environmental Laboratory, Inc.
 3315 SE Harrison Street, Suite C, Milwaukie, Oregon 97222
 Ph: 503-659-8338 Fax 503-659-7577
 www.jselabs.com



Asbestos Analysis of Bulk Materials by Polarized Light Microscopy

City of The Dalles **JSE Project:** 14064.01
 Project: Old Tony's Clothing 401 2nd St The Dalles, OR **Analysis Date:** 05/01/2018
Report Date: 05/02/2018

Sample	Layer	Description	Binder/Matrix	Other Non-Asbestos	Asbestos (% Type)
14064.01-19	LAYER 1	White coarse-grain plaster	acid soluble		None Detected
AB-1809837			rock particles		

Subsamples ashed for quality assurance.

14064.01-20	LAYER 1	Gray cement compound	cementitious	1% Cellulose	None Detected
AB-1809838			aggregate	2% wollastonite lathes	

Sample ashed for quality assurance.

14064.01-21	LAYER 1	Black fibrous tar	asphaltic aggregate	3% Cellulose	None Detected
AB-1809839					

Sample ashed for quality assurance.



Asbestos Analysis of Bulk Materials by Polarized Light Microscopy

City of The Dalles **JSE Project:** 14064.01
 Project: Old Tony's Clothing 401 2nd St The Dalles, OR **Analysis Date:** 05/01/2018
Report Date: 05/02/2018

Sample	Layer	Description	Binder/Matrix	Other Non-Asbestos	Asbestos (% Type)
14064.01-22	LAYER 1	Silver paint w/ black fibrous, vitreous tar	paint		4 % Chrysotile
AB-1809840			asphaltic		

Sample ashed for quality assurance.

14064.01-23	LAYER 1	Red composite	binders aggregate		<1% Chrysotile
AB-1809841	LAYER 2	Gray compound mortar	mortar cementitious		1 % Chrysotile
	LAYER 3	Black tar	asphaltic filler		8 % Chrysotile

Subsamples ashed for quality assurance. Red brick & gray mortar likely contaminated due to contact w/ tar.

14064.01-24	LAYER 1	Silver paint w/ black tar	paint	5% Fibrous Glass	<1% Chrysotile
AB-1809842			asphaltic	2% Cellulose	
	LAYER 2	Black fibrous, vitreous tar	asphaltic aggregate	15% Fibrous Glass	8 % Chrysotile
	LAYER 3	Brown paper w/ black tar	asphaltic paper	10% Fibrous Glass 10% Cellulose	None Detected

Subsamples ashed for quality assurance.

Jones Stohosky Environmental Laboratory, Inc.
 3315 SE Harrison Street, Suite C, Milwaukie, Oregon 97222
 Ph: 503-659-8338 Fax 503-659-7577
 www.jselabs.com



Asbestos Analysis of Bulk Materials by Polarized Light Microscopy

City of The Dalles **JSE Project:** 14064.01
 Project: Old Tony's Clothing 401 2nd St The Dalles, OR **Analysis Date:** 05/01/2018
Report Date: 05/02/2018

Sample	Layer	Description	Binder/Matrix	Other Non-Asbestos	Asbestos (% Type)
14064.01-25	LAYER 1	Silver paint w/ black, fibrous, vitreous tar	paint	15% Fibrous Glass	None Detected
AB-1809843			asphaltic	5% Cellulose	

Sample ashed for quality assurance.

14064.01-26	LAYER 1	Brown rock pieces w/ tar	paint	15% Fibrous Glass	<1% Chrysotile
AB-1809844			asphaltic	4% Cellulose	
	LAYER 2	Black vitreous tar w/ netting	asphaltic aggregate	10% Fibrous Glass 2% Cellulose	None Detected
	LAYER 3	Black fibrous, vitreous tar	asphaltic aggregate	10% Fibrous Glass	1 % Chrysotile
	LAYER 4	Brown paper w/ vitreous tar	paper	10% Cellulose	None Detected
			asphaltic		

Sample ashed for quality assurance.

Jones Stohosky Environmental Laboratory, Inc.
 3315 SE Harrison Street, Suite C, Milwaukie, Oregon 97222
 Ph: 503-659-8338 Fax 503-659-7577
 www.jselabs.com



Asbestos Analysis of Bulk Materials by Polarized Light Microscopy

City of The Dalles
 Project: Old Tony's Clothing 401 2nd St The Dalles, OR

JSE Project: 14064.01
Analysis Date: 05/01/2018
Report Date: 05/02/2018

Sample	Layer	Description	Binder/Matrix	Other Non-Asbestos	Asbestos (% Type)
14064.01-27	LAYER 1	Tan wood w/ mastic & rock pieces	mastic/glue		None Detected
AB-1809845			rock particles		

Sample ashed for quality assurance.

14064.01-28	LAYER 1	Blue speckled vinyl	vinyl	3% Fibrous Glass	None Detected
AB-1809846			binders	2% Cellulose	
	LAYER 2	Gray felt w/ mastic & wood	mastic/glue wood	7% Fibrous Glass 15% Cellulose 2% wollastonite lathes	None Detected

Subsamples ashed for quality assurance.

14064.01-29	LAYER 1	Tan vinyl tile	vinyl aggregate		5 % Chrysotile
AB-1809847					
	LAYER 2	Black mastic upper	mastic/glue binders		None Detected
	LAYER 3	Yellow mastic lower	mastic/glue binders		None Detected

Subsamples ashed for quality assurance.

Jones Stohosky Environmental Laboratory, Inc.
 3315 SE Harrison Street, Suite C, Milwaukie, Oregon 97222
 Ph: 503-659-8338 Fax 503-659-7577
 www.jselabs.com



Asbestos Analysis of Bulk Materials by Polarized Light Microscopy

City of The Dalles	JSE Project: 14064.01
Project: Old Tony's Clothing 401 2nd St The Dalles, OR	Analysis Date: 05/01/2018
	Report Date: 05/02/2018

Sample	Layer	Description	Binder/Matrix	Other Non-Asbestos	Asbestos (% Type)
--------	-------	-------------	---------------	--------------------	-------------------

14064.01-30					Sample Archived
AB-1809848					

Sample archived; not analyzed per request.

14064.01-31	LAYER 1	Brown cove base	synthetic binders		None Detected
AB-1809849	LAYER 2	Brown flaky mastic	mastic/glue binders	0.1% wollastonite lathes	None Detected

Subsamples ashed for quality assurance.

Jones Stohosky Environmental Laboratory, Inc.
 3315 SE Harrison Street, Suite C, Milwaukie, Oregon 97222
 Ph: 503-659-8338 Fax 503-659-7577
 www.jselabs.com



Asbestos Analysis of Bulk Materials by Polarized Light Microscopy

City of The Dalles **JSE Project:** 14064.01
 Project: Old Tony's Clothing 401 2nd St The Dalles, OR **Analysis Date:** 05/01/2018
Report Date: 05/02/2018

Sample	Layer	Description	Binder/Matrix	Other Non-Asbestos	Asbestos (% Type)
14064.01-32	LAYER 1	Off-white paint/ sand	paint		None Detected
AB-1809850			sand		
	LAYER 2	Cream paper/ compound	paper acid soluble	60% Cellulose	None Detected
	LAYER 3	Tan paint	paint binders		None Detected
	LAYER 4	White gypsum wallboard	paper gypsum	12% Cellulose	None Detected

Subsamples ashed for quality assurance. Analysis of the brown fibrous paper layer is included in the analysis of the gypsum wallboard layer. Both gypsum and paper tested negative for asbestos.

14064.01-33	LAYER 1	White paint/ grey compound	paint acid soluble		1 % Chrysotile
AB-1809851					
	LAYER 2	Cream paper/ grey compound	paper acid soluble	55% Cellulose	1 % Chrysotile
	LAYER 3	White gypsum wallboard	paper gypsum	12% Cellulose	None Detected

Subsamples ashed for quality assurance. Analysis of the brown fibrous paper layer is included in the analysis of the gypsum wallboard layer. Both gypsum and paper tested negative for asbestos.

Jones Stohosky Environmental Laboratory, Inc.
 3315 SE Harrison Street, Suite C, Milwaukie, Oregon 97222
 Ph: 503-659-8338 Fax 503-659-7577
 www.jselabs.com



Asbestos Analysis of Bulk Materials by Polarized Light Microscopy

City of The Dalles	JSE Project: 14064.01
Project: Old Tony's Clothing 401 2nd St The Dalles, OR	Analysis Date: 05/01/2018
	Report Date: 05/02/2018

Sample	Layer	Description	Binder/Matrix	Other Non-Asbestos	Asbestos (% Type)
14064.01-34 AB-1809852					Sample Archived

Sample archived; not analyzed per request.

14064.01-35 AB-1809853	LAYER 1	White soft flexible compound w/paint	acid soluble paint		None Detected
----------------------------------	---------	--------------------------------------	-----------------------	--	----------------------

Subsamples ashed for quality assurance.

14064.01-36 AB-1809854	LAYER 1	Light brown shredded paper fill	binders rock particles	98% Cellulose	None Detected
----------------------------------	---------	---------------------------------	---------------------------	---------------	----------------------

Subsamples ashed for quality assurance.



Asbestos Analysis of Bulk Materials by Polarized Light Microscopy

City of The Dalles
 Project: Old Tony's Clothing 401 2nd St The Dalles, OR

JSE Project: 14064.01
Analysis Date: 05/01/2018
Report Date: 05/02/2018

Sample	Layer	Description	Binder/Matrix	Other Non-Asbestos	Asbestos (% Type)
14064.01-37	LAYER 1	Tan marbled vinyl	vinyl		4 % Chrysotile
AB-1809855	LAYER 2	Black mastic	CaC03 mastic/glue asphaltic		None Detected

Subsamples ashed for quality assurance.

14064.01-38	LAYER 1	Green mottled vinyl sheet	vinyl		None Detected
AB-1809856	LAYER 2	Beige felt/ yellow mastic	foam filler mastic/glue	10% Fibrous Glass 40% Cellulose	None Detected
	LAYER 3	Beige vinyl chips	vinyl CaC03		5 % Chrysotile

Subsamples ashed for quality assurance.

14064.01-39	LAYER 1	Gray paint remnant	paint		None Detected
AB-1809857	LAYER 2	Green mottled vinyl sheet	binders vinyl foam		None Detected
	LAYER 3	Beige felt	filler binders	10% Fibrous Glass 45% Cellulose	None Detected
	LAYER 4	Yellow mastic	mastic/glue binders		None Detected



Asbestos Analysis of Bulk Materials by Polarized Light Microscopy

City of The Dalles **JSE Project:** 14064.01
 Project: Old Tony's Clothing 401 2nd St The Dalles, OR **Analysis Date:** 05/01/2018
Report Date: 05/02/2018

Sample	Layer	Description	Binder/Matrix	Other Non-Asbestos	Asbestos (% Type)
14064.01-40 AB-1809858	LAYER 1	Brown curved vinyl	vinyl		None Detected
			acid soluble		
	LAYER 2	Cream mastic	mastic/glue binders		None Detected
	LAYER 3	Cream paint/ powder compound	paint		None Detected
			acid soluble		
	LAYER 4	Cream paper remnant	paper	70% Cellulose	None Detected
			filler		

Paint is inseparable from underlying powder compound and is included in analysis results for Layer 3. Subsamples ashed for quality assurance.

14064.01-41 AB-1809859	LAYER 1	Gray mottled vinyl sheet	vinyl		None Detected
			foam		
	LAYER 2	Cream felt	filler binders	10% Fibrous Glass 40% Cellulose	None Detected
	LAYER 3	Tan mastic/ gray compound	mastic/glue		None Detected
			acid soluble		
	LAYER 4	Black mastic	mastic/glue asphaltic		None Detected

Subsamples ashed for quality assurance.

Jones Stohosky Environmental Laboratory, Inc.
 3315 SE Harrison Street, Suite C, Milwaukie, Oregon 97222
 Ph: 503-659-8338 Fax 503-659-7577
 www.jselabs.com



Asbestos Analysis of Bulk Materials by Polarized Light Microscopy

City of The Dalles **JSE Project:** 14064.01
 Project: Old Tony's Clothing 401 2nd St The Dalles, OR **Analysis Date:** 04/30/2018
Report Date: 05/02/2018

Sample	Layer	Description	Binder/Matrix	Other Non-Asbestos	Asbestos (% Type)
14064.01-42	LAYER 1	Beige/ cream vinyl	vinyl		None Detected
AB-1809860	LAYER 2	Clear yellow mastic	mastic/glue binders		None Detected

Subsamples ashed for quality assurance.

14064.01-43	LAYER 1	Brown flexible sheet	binders		None Detected
AB-1809861	LAYER 2	Yellow mastic	mastic/glue binders		None Detected
	LAYER 3	White powder trace	acid soluble binders		None Detected

Subsamples ashed for quality assurance.



Asbestos Analysis of Bulk Materials by Polarized Light Microscopy

City of The Dalles **JSE Project:** 14064.01
 Project: Old Tony's Clothing 401 2nd St The Dalles, OR **Analysis Date:** 04/30/2018
Report Date: 05/02/2018

Sample	Layer	Description	Binder/Matrix	Other Non-Asbestos	Asbestos (% Type)
14064.01-44	LAYER 1	White paint/ powder skim coats	paint		None Detected
AB-1809862			acid soluble		
	LAYER 2	White powder compound	acid soluble binders		None Detected
	LAYER 3	White gypsum board/ paper	gypsum paper	1% Cellulose	None Detected

Paint is inseparable from underlying powder skim coats and is included in analysis results for Layer 1. Analysis of the brown fibrous paper layer is included in the analysis of the gypsum wallboard layer. Both gypsum and paper tested negative for asbestos. Subsamples ashed for quality assurance.

14064.01-45	LAYER 1	White paint/ powder skim coats	paint		None Detected
AB-1809863			acid soluble		
	LAYER 2	White powder compound	acid soluble binders		1 % Chrysotile
	LAYER 3	White gypsum board/ paper	gypsum paper		None Detected

Paint is inseparable from underlying powder skim coats and is included in analysis results for Layer 1. Analysis of the brown fibrous paper layer is included in the analysis of the gypsum wallboard layer. Both gypsum and paper tested negative for asbestos. Subsamples ashed for quality assurance.



Asbestos Analysis of Bulk Materials by Polarized Light Microscopy

City of The Dalles
 Project: Old Tony's Clothing 401 2nd St The Dalles, OR

JSE Project: 14064.01
Analysis Date:
Report Date: 05/02/2018

Sample	Layer	Description	Binder/Matrix	Other Non-Asbestos	Asbestos (% Type)
14064.01-46 AB-1809864					Sample Archived

Sample archived; not analyzed per request.

14064.01-47 AB-1809865	LAYER 1	Gray cementitious chips	cementitious		None Detected
	LAYER 2	Orange coarse-grain aggregate	rock particles terracotta rock particles		None Detected

Subsamples ashed for quality assurance.

14064.01-48 AB-1809866	LAYER 1	Blue paint/powder skim coats	paint		None Detected
	LAYER 2	Off-white compound	acid soluble binders		5 % Chrysotile
	LAYER 3	White coarse-grain cement	acid soluble rock particles		None Detected

Paint is inseparable from underlying powder skim coats and is included in analysis results for Layer 1. Subsamples ashed for quality assurance.

Jones Stohosky Environmental Laboratory, Inc.
 3315 SE Harrison Street, Suite C, Milwaukie, Oregon 97222
 Ph: 503-659-8338 Fax 503-659-7577
 www.jselabs.com



Asbestos Analysis of Bulk Materials by Polarized Light Microscopy

City of The Dalles **JSE Project:** 14064.01
 Project: Old Tony's Clothing 401 2nd St The Dalles, OR **Analysis Date:** 04/30/2018
Report Date: 05/02/2018

Sample	Layer	Description	Binder/Matrix	Other Non-Asbestos	Asbestos (% Type)
14064.01-49	LAYER 1	Gray cementitious board	cementitious		25 % Chrysotile
AB-1809867			rock particles		

Subsamples ashed for quality assurance.

14064.01-50	LAYER 1	Off-white woven sheet	binders		None Detected
AB-1809868			opaque		
	LAYER 2	Gray thick felt	binders acid soluble	40% Cellulose 35% Synthetic 0.1% talc	<1% Chrysotile

Subsamples ashed for quality assurance. Talc: Talc fibers were located during this analysis episode however not all talc-like fibers could be positively confirmed. Due to the similarity of fibrous talc with other asbestos types, TEM is recommended to determine asbestos content.

14064.01-51 **Sample Archived**
 AB-1809869

Sample archived; not analyzed per request.

Jones Stohosky Environmental Laboratory, Inc.
 3315 SE Harrison Street, Suite C, Milwaukie, Oregon 97222
 Ph: 503-659-8338 Fax 503-659-7577
 www.jselabs.com



Asbestos Analysis of Bulk Materials by Polarized Light Microscopy

City of The Dalles **JSE Project:** 14064.01
 Project: Old Tony's Clothing 401 2nd St The Dalles, OR **Analysis Date:**
Report Date: 05/02/2018

Sample	Layer	Description	Binder/Matrix	Other Non-Asbestos	Asbestos (% Type)
--------	-------	-------------	---------------	--------------------	-------------------

14064.01-52 AB-1809870					Sample Archived
----------------------------------	--	--	--	--	------------------------

Sample archived; not analyzed per request.

14064.01-53 AB-1809871	LAYER 1	Cream fibrous clumped compound	acid soluble binders		60 % Chrysotile
----------------------------------	---------	-----------------------------------	-------------------------	--	------------------------

Subsamples ashed for quality assurance.

14064.01-54 AB-1809872					Sample Archived
----------------------------------	--	--	--	--	------------------------

Sample archived; not analyzed per request.

Jones Stohosky Environmental Laboratory, Inc.
 3315 SE Harrison Street, Suite C, Milwaukie, Oregon 97222
 Ph: 503-659-8338 Fax 503-659-7577
 www.jselabs.com



Asbestos Analysis of Bulk Materials by Polarized Light Microscopy

City of The Dalles **JSE Project:** 14064.01
 Project: Old Tony's Clothing 401 2nd St The Dalles, OR **Analysis Date:**
Report Date: 05/02/2018

Sample	Layer	Description	Binder/Matrix	Other Non-Asbestos	Asbestos (% Type)
14064.01-55					Sample Archived
AB-1809873					

Sample archived; not analyzed per request.

14064.01-56	LAYER 1	White coarse-grain compound	acid soluble	0.1% Cellulose	None Detected
AB-1809874			rock particles		

Subsamples ashed for quality assurance.

Jones Stohosky Environmental Laboratory, Inc.
 3315 SE Harrison Street, Suite C, Milwaukie, Oregon 97222
 Ph: 503-659-8338 Fax 503-659-7577
 www.jselabs.com



Asbestos Analysis of Bulk Materials by Polarized Light Microscopy

City of The Dalles	JSE Project: 14064.01
Project: Old Tony's Clothing 401 2nd St The Dalles, OR	Analysis Date: 05/01/2018
	Report Date: 05/02/2018

Sample	Layer	Description	Binder/Matrix	Other Non-Asbestos	Asbestos (% Type)
--------	-------	-------------	---------------	--------------------	-------------------

Analyst:

Darlene Conrad

Chris Maldonado

Erik Shafer

Lucinda Vranizan

Approved Signatory

Date 05/02/2018

JSE is accredited by the National Voluntary Laboratory Accreditation Program (NVLAP) for bulk asbestos analysis by EPA-600/M4-82-020 and EPA/600/R-93/116 methods for polarized light microscopy (PLM).

Analysis results are solely for the sample(s) analyzed. Asbestos content for an inhomogeneous sample is reported by layer when it is possible to subsample the discrete strata for individual analysis. Small diameter fibers may not be detected by this method.

Quantification is performed using visual area estimation unless otherwise stated in the report. Qualitative and quantitative transmission electron microscopy (TEM) analysis may be recommended for difficult samples. Quantitative analysis by PLM point count or TEM is recommended for sample(s) testing at < or = to 10% asbestos.

Asbestos includes the following minerals: chrysotile, amosite, crocidolite, tremolite, actinolite, anthophyllite. "Matrix" is defined as non-asbestos, non-binder fibrous and non-fibrous components. "Binder" is defined as a component added for cohesiveness. Non-asbestos sample constituents may not be definite.

This report may not be used to claim product certification, approval or endorsement by NVLAP, NIST or any agency of the Federal Government. If the NVLAP logo does not appear beneath the JSE logo of this report then "This report contains data not covered by the NVLAP accreditation." (NIST Handbook 150, 2006.) Amended reports supercede all previous reports.

Jones Stohosky Environmental Laboratory, Inc.
 3315 SE Harrison Street, Suite C, Milwaukie, Oregon 97222
 Ph: 503-659-8338 Fax 503-659-7577
 www.jselabs.com



SAMPLE INVENTORY

City of the Dalles
 Project: 401 E 2nd St. The Dalles OR
 Project ID:

JSE Project: 14064.01
 Batch #: 1800350
 Report Date: 05/01/2018

Sample ID	Sample Location	Material	Limit of Detection	Lead Analysis
14064.01-Pb01 Pb-1800350	Exterior on Brick	PAINT	235 ppm	<235 ppm
14064.01-Pb02 Pb-1800351	Exterior on CMM	PAINT	212 ppm	<212 ppm
14064.01-Pb03 Pb-1800352	Exterior Parapet	PAINT	178 ppm	301 ppm
14064.01-Pb04 Pb-1800353	2nd Floor Wall-Plaster	PAINT	209 ppm	3,490 ppm
14064.01-Pb05 Pb-1800354	West Wall-Plaster	PAINT	191 ppm	1,090 ppm
14064.01-Pb06 Pb-1800355	Wall-Drywall	PAINT	198 ppm	<198 ppm

Lead Paint Summary

Results are located in the far right column of JSE's Sample Inventory page.

- If results are less than the Limit of Detection (LOD), the paint may still contain an undetectable amount of lead between 0 and the LOD.
- If results are greater than the LOD, the paint contains lead.

Threshold Values to Consider:

OSHA Paint that tests above the limit of detection is considered lead-containing.
 -Occupational Safety and Health Administration

EPA/OHA Paint that tests above 5000 ppm (0.5%), or 1 mg/cm², is considered lead-based.
 -Environmental Protection Agency / Oregon Health Authority, Oregon.Gov,
 Phone: 971-673-0440, Toll free: 877-290-6767

Analysis: EPA SW846 Method 3050/7420 Flame Atomic Absorption - LEAD