Pre-Demolition Hazardous Building Materials Survey Report

USPS Processing & Distribution Facility
715 NW Hoyt Street
Portland, OR 97208

Prepared for:

Prosper Portland

July 2018
Project No.: 25736.000 Task No.: 0001

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GENERAL INFORMATION

BUILDING DATA

USPS Processing & Distribution Facility

715 NW Hoyt Street

Portland, OR 97208

CLIENT DATA

Prosper Portland

222 NW 5th Avenue

Portland, OR 97209-3859

SURVEY SCOPE

PBS Engineering + Environmental (PBS) has performed a pre-demolition hazardous materials survey of accessible building areas including asbestos in accordance with OSHA in 29 CFR 1910.1001 and the PDC Work Order 207101-6 and compiled a report with the following information:

- The type, location and approximate quantity of suspect asbestos-containing materials
- Bulk sampling of selected suspect building materials
- Lead paint sampling
- Suspect PCB light ballast inspection
- Laboratory analytical data of bulk material sampled

The purpose of the survey was to determine the type, location and quantity of hazardous materials in anticipation of the sale and subsequent demolition of the facility.

PBS endeavored to locate all the suspect asbestos-containing materials in the building; however, suspect asbestos-containing materials may be present concealed within wall, ceiling, or floor spaces. If suspect materials are uncovered during demolition activities that are not identified in this report, testing should be performed prior to impact.

PBS has conducted a physical inspection of the building, compiled this report consistent with the survey scope, and certifies that the information is correct and accurate within the standards of professional quality and contractual obligations.

Clark Nelson
Project Manager/Prime Inspector
Accreditation #: IMR-18-5226A

Digitally signed by
Clark Nelson
Date: 2018.07.25
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Signature Date

EXECUTIVE SUMMARY

On July 10, 2018, PBS performed a pre-demolition hazardous materials survey of the Portland Main United States Post Office (USPO) located at 715 NW Hoyt Street in Portland, Oregon. The survey was requested by Prosper Portland in anticipation of demolition.

The purpose of the survey was to locate, identify, and quantify accessible friable and non-friable hazardous building materials for removal prior to demolition. PBS previously surveyed this site in 1995/1996 and 2008 and presented the survey results in Asbestos Survey Reports dated January 1996 and April 2008. PBS utilized the 2008 report to verify the asbestos-containing materials already identified on site and to update the asbestos-containing materials list with any new materials observed during this survey. PBS' focus was on asbestos containing building materials (ACM), lead-containing paint (LCP or lead-based paint [LBP]), mercury-containing light tubes and polychlorinated biphenyls (PCB) light ballasts.

The USPO facility covers 13.4 acres and consists of a large post office building, a vehicle maintenance facility, parking structure and an open parking lot. The post office building is a four-story concrete building with a large tunnel system and a flat multilevel built-up roof.

Although PBS endeavored to discover all ACM, LBP, mercury-containing light tubes, and PCB-containing ballasts. Hazardous materials may exist on the property, which are not addressed in this report.

The survey is also intended to satisfy Occupational Safety and Health Administration (OSHA) hazard communication requirements as well as requirements by the Department of Environmental Quality (DEQ) to perform an asbestos inspection prior to renovation or demolition activities under Oregon Administrative Rule (OAR) 340-248-0270.

Asbestos-Containing Materials

The following asbestos-containing materials were discovered.

Asbestos-Containing Materials

Material Type	Description
12" x 12" Floor Tile and Mastic	White Tile With Black Mastic
12" x 12" Floor Tile and Mastic	Blue Tile With Black Mastic
12" x 12" Floor Tile and Mastic	Green Tile With White Streaks and Black Mastic
12" x 12" Floor Tile and Mastic	Red Tile With Black Mastic
12" x 12" Floor Tile and Mastic	Yellow Tile With Brown Streaks and Black Mastic
12" x 12" Floor Tile and Mastic	Brown Tile With Black Mastic
9" x 9" Floor Tile and Mastic	Cream Tile w/ Grey and Mauve Streaks and Black Mastic
9" x 9" Floor Tile and Mastic	Cream Tile With Black Mastic
9" x 9" Floor Tile and Mastic	Grey Tile With Black Mastic
9" x 9" Floor Tile and Mastic	White Tile With Black Streaks and Black Mastic
9" x 9" Floor Tile and Mastic	White Tile With Brown Streaks and Black Mastic
9" x 9" Floor Tile and Mastic	Blue Tile With Black Mastic
9" x 9" Floor Tile and Mastic	Brown Tile With Black Mastic
9" x 9" Floor Tile and Mastic	White Tile With Black Mastic
9" x 9" Floor Tile and Mastic	Light Green Tile With Black Mastic

9" x 9" Floor Tile (mastic tested negative)	Blue Tile
9" x 9" Floor Tile (mastic tested negative)	Tan Tile
Tar	Black Wall Tar
Duct Felt Tape	White Duct Tape
Gasket Material	Boiler Door Gasket
Insulating Wrap	Black
Pipe Joint Insulation	Hard Fitting
Sealant	Grey Sealant
Fire Door	Insulated Fire Door

Please refer to the asbestos bulk sample inventory for more sample details.

Lead-Containing Paint
Exterior painted surfaces and metal interior painted surfaces are considered to be lead-based paint. Based on representative sampling, interior painted surfaces are lead containing throughout.

Mercury-Containing Light Tubes
Ten thousand eight hundred sixty eight (10,868) mercury-containing fluorescent light tubes/bulbs were observed during the survey.

PCB-Containing Light Ballasts
No PCB containing light ballasts were observed during the survey.

Miscellaneous Chemical Storage
A wide variety of chemicals including household cleaners, solvents and petroleum products were observed during PBS' investigation. All of the chemicals were properly stored and labeled. None were deemed to be of sufficient quantities to be significant to the efforts of other PDC consultants at the site.

INSPECTION SUMMARY

DATES	SURVEYED BY	ACTIVITY
7/10/2018	Clark Nelson	Pre-Demolition Hazardous Materials Survey

PBS has investigated accessible areas inside of the building(s) to locate suspect asbestos-containing materials (ACM). Suspect materials may be present in concealed areas (e.g., behind walls and under carpet). The findings are listed below.

ASBESTOS MATERIALS

The following materials either tested positive, or, based on the experience of PBS field personnel, were not tested and should be considered asbestos-containing. Materials that had mixed results are considered positive. Materials not sampled may contain asbestos and should be tested to verify asbestos content prior to impact through demolition, renovation, etc.
(+) Tested Positive, (M) Mixed Results, (P) Presumed Positive, (T) Previously Tested Positive.

Result	Material (type)	Location	Approx. Quantity
(+)	Vinyl Floor Tile/Mastic	Break room 118, 12"x12" white	1,098 SF
(+)	Vinyl Floor Tile/Mastic	Customer service lobby, 12"x12" white	225 SF
(+)	Vinyl Floor Tile/Mastic	First floor main work room, 12"x12" white	4,335 SF
(+)	Vinyl Floor Tile/Mastic	Locker room 115, 12"x12" white	480 SF
(+)	Vinyl Floor Tile/Mastic	Locker room 117, 12"x12" white	664 SF
(+)	Vinyl Floor Tile/Mastic	Locker room 124, 12"x12" white	275 SF
(+)	Vinyl Floor Tile/Mastic	Restroom 120, 12"x12" white	578 SF
(+)	Vinyl Floor Tile/Mastic	Room 105, 12"x12" white	930 SF
(+)	Vinyl Floor Tile/Mastic	Room 106 vault, 12"x12" white	116 SF
(+)	Vinyl Floor Tile/Mastic	Room 107, 12"x12" white	131 SF
(+)	Vinyl Floor Tile/Mastic	Room 114, 12"x12" white	337 SF
(+)	Vinyl Floor Tile/Mastic	Second floor main work room, 12"x12" blue	469 SF
(+)	Vinyl Floor Tile/Mastic	Second floor main work room, 12"x12" green with white streaks	469 SF
(+)	Vinyl Floor Tile/Mastic	Second floor main work room, 12"x12" red tile	469 SF
(+)	Vinyl Floor Tile/Mastic	Second floor main work room, 12"x12" yellow with brown streaks	469 SF

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(+)	Vinyl Floor Tile/Mastic	Vehicle maintenance facility; chief dispatcher room, 12"x12" brown	162 SF
(+)	Vinyl Floor Tile/Mastic	Vestibule, 12"x12" white	65 SF
(+)	Vinyl Floor Tile/Mastic	Electrical closet room 3006, 9"x9" cream with gray and mauve streaks	25 SF
(+)	Vinyl Floor Tile/Mastic	Electrical room 2002, 9"x9" cream tile	30 SF
(+)	Vinyl Floor Tile/Mastic	First floor main work room, 9"x9" gray	102,318 SF
(+)	Vinyl Floor Tile/Mastic	Hallway to supervisor's lounge, 9"x9" white with black streaks	45 SF
(+)	Vinyl Floor Tile/Mastic	Kitchen area, 9"x9" white with brown streaks	49 SF
(+)	Vinyl Floor Tile/Mastic	Locker room 2109, 9"x9" white with black streaks	1,280 SF
(+)	Vinyl Floor Tile/Mastic	Locker room 2114, 9"x9" white with black streaks	1,920 SF
(+)	Vinyl Floor Tile/Mastic	Locker room 2121, 9"x9" white with black streaks	960 SF
(+)	Vinyl Floor Tile/Mastic	Locker room 2123, 9"x9" white with black steaks	1,320 SF
(+)	Vinyl Floor Tile/Mastic	Lunch room 2111, 9"x9" blue	254 SF
(+)	Vinyl Floor Tile/Mastic	Lunch room 2111, 9"x9" brown	254 SF
(+)	Vinyl Floor Tile/Mastic	Lunch room 2111, 9"x9" white with black streaks	500 SF
(+)	Vinyl Floor Tile/Mastic	Men's swing room 4036, 9"x9" white	529 SF
(+)	Vinyl Floor Tile/Mastic	Postmaster's hallway 3029, 9"x9" cream tile with gray and mauve streaks	66 SF
(+)	Vinyl Floor Tile/Mastic	Room 3030A, 9"x9" cream with gray and mauve streaks	234 SF
(+)	Vinyl Floor Tile/Mastic	Room 135, 9"x9" gray	100 SF
(+)	Vinyl Floor Tile/Mastic	Room 135A, 9"x9" gray	63 SF
(+)	Vinyl Floor Tile/Mastic	Room 139, 9"x9" gray	207 SF
(+)	Vinyl Floor Tile/Mastic	Room 140, 9"x9" gray	420 SF

INSPECTION SUMMARY

(+)	Vinyl Floor Tile/Mastic	Room 152, 9"x9" gray	156 SF
(+)	Vinyl Floor Tile/Mastic	Room 153, 9"x9" gray	686 SF
(+)	Vinyl Floor Tile/Mastic	Room 156, 9"x9" gray	378 SF
(+)	Vinyl Floor Tile/Mastic	Room 159A, 9"x9" gray	391 SF
(+)	Vinyl Floor Tile/Mastic	Room 163, 9"x9" gray	356 SF
(+)	Vinyl Floor Tile/Mastic	Room 167A closet, 9"x9" gray	10 SF
(+)	Vinyl Floor Tile/Mastic	Room 2001, 9"x9" cream	623 SF
(+)	Vinyl Floor Tile/Mastic	Room 2001A, 9"x9" cream	141 SF
(+)	Vinyl Floor Tile/Mastic	Room 2001B, 9"x9" gray	329 SF
(+)	Vinyl Floor Tile/Mastic	Room 2003, 9"x9" cream	392 SF
(+)	Vinyl Floor Tile/Mastic	Room 2003A, 9"x9" cream	282 SF
(+)	Vinyl Floor Tile/Mastic	Room 2004, 9"x9" cream	134 SF
(+)	Vinyl Floor Tile/Mastic	Room 2005, 9"x9" cream	200 SF
(+)	Vinyl Floor Tile/Mastic	Room 2006, 9"x9" cream	254 SF
(+)	Vinyl Floor Tile/Mastic	Room 2006A, 9"x9" cream	147 SF
(+)	Vinyl Floor Tile/Mastic	Room 2006B, 9"x9" cream	205 SF
(+)	Vinyl Floor Tile/Mastic	Room 2006C, 9"x9" cream	66 SF
(+)	Vinyl Floor Tile/Mastic	Room 2007, 9"x9" cream	180 SF
(+)	Vinyl Floor Tile/Mastic	Room 2008, 9"x9" cream	560 SF
(+)	Vinyl Floor Tile/Mastic	Room 2009, 9"x9" cream	255 SF
(+)	Vinyl Floor Tile/Mastic	Room 2010, 9"x9" cream	586 SF
(+)	Vinyl Floor Tile/Mastic	Room 2010A, 9"x9" cream	161 SF
(+)	Vinyl Floor Tile/Mastic	Room 2011, 9"x9" cream	349 SF
(+)	Vinyl Floor Tile/Mastic	Room 2012, 9"x9" cream	884 SF
(+)	Vinyl Floor Tile/Mastic	Room 2012A, 9"x9" cream	340 SF
(+)	Vinyl Floor Tile/Mastic	Room 2013, 9"x9" cream	263 SF
(+)	Vinyl Floor Tile/Mastic	Room 2014, 9"x9" cream	156 SF
(+)	Vinyl Floor Tile/Mastic	Room 2015, 9"x9" cream	567 SF

INSPECTION SUMMARY

(+)	Vinyl Floor Tile/Mastic	Room 2017, 9"x9" cream	382 SF
(+)	Vinyl Floor Tile/Mastic	Room 2019, 9"x9" cream	497 SF
(+)	Vinyl Floor Tile/Mastic	Room 2021, 9"x9" cream	365 SF
(+)	Vinyl Floor Tile/Mastic	Room 2022, 9"x9" cream	1,750 SF
(+)	Vinyl Floor Tile/Mastic	Room 2022A, 9"x9" cream	37 SF
(+)	Vinyl Floor Tile/Mastic	Room 2023, 9"x9" cream	365 SF
(+)	Vinyl Floor Tile/Mastic	Room 2025, 9"x9" cream	3,314
(+)	Vinyl Floor Tile/Mastic	Room 2106, 9"x9" cream with gray and mauve streaks	36 SF
(+)	Vinyl Floor Tile/Mastic	Room 2127 A, B, C, D, 9"x9" white with black streaks	494 SF
(+)	Vinyl Floor Tile/Mastic	Room 2130, 9"x9" gray	900 SF
(+)	Vinyl Floor Tile/Mastic	Room 2130A, 9"x9" gray	480 SF
(+)	Vinyl Floor Tile/Mastic	Room 2134, 9"x9" gray	432 SF
(+)	Vinyl Floor Tile/Mastic	Room 2134A, 9"x9" gray	60 SF
(+)	Vinyl Floor Tile/Mastic	Room 2135, 9"x9" gray	900 SF
(+)	Vinyl Floor Tile/Mastic	Room 2136, 9"x9" white with black streaks	396 SF
(+)	Vinyl Floor Tile/Mastic	Room 2140 restroom, 9"x9" white with black streaks	448 SF
(+)	Vinyl Floor Tile/Mastic	Room 2142, 9"x9" gray	396 SF
(+)	Vinyl Floor Tile/Mastic	Room 2146, 9"x9" gray	648 SF
(+)	Vinyl Floor Tile/Mastic	Room 2147, 9"x9" gray	528 SF
(+)	Vinyl Floor Tile/Mastic	Room 2148 and closet, 9"x9" gray	540 SF
(+)	Vinyl Floor Tile/Mastic	Room 2148A, 9"x9" gray	374 SF
(+)	Vinyl Floor Tile/Mastic	Room 2148B, 9"x9" gray	396 SF
(+)	Vinyl Floor Tile/Mastic	Room 2149, 9"x9" white with black streaks	650 SF
(+)	Vinyl Floor Tile/Mastic	Room 2154, 9"x9" white with black streaks	72 SF

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(+)	Vinyl Floor Tile/Mastic	Room 3004, 9"x9" cream with gray and mauve streaks	120 SF
(+)	Vinyl Floor Tile/Mastic	Room 3007, 9"x9" cream with gray and mauve streaks	990 SF
(+)	Vinyl Floor Tile/Mastic	Room 3008 A, B, C, 9"x9" cream with gray and mauve streaks	286 SF
(+)	Vinyl Floor Tile/Mastic	Room 3009, 9"x9" cream with gray and mauve streaks	384 SF
(+)	Vinyl Floor Tile/Mastic	Room 3011, 9"x9" cream with gray and mauve streaks	240 SF
(+)	Vinyl Floor Tile/Mastic	Room 3012, 9"x9" cream with gray and mauve streaks	100 SF
(+)	Vinyl Floor Tile/Mastic	Room 3013, 9"x9" cream with gray and mauve streaks	760 SF
(+)	Vinyl Floor Tile/Mastic	Room 3014, 9"x9" cream with gray and mauve streaks	240 SF
(+)	Vinyl Floor Tile/Mastic	Room 3014A, 9"x9" cream with gray and mauve streaks	144 SF
(+)	Vinyl Floor Tile/Mastic	Room 3015, 9"x9" cream with gray and mauve streaks	200 SF
(+)	Vinyl Floor Tile/Mastic	Room 3017, 9"x9" cream with gray and mauve streaks	260 SF
(+)	Vinyl Floor Tile/Mastic	Room 3018, 9"x9" cream with gray and mauve streaks	392 SF
(+)	Vinyl Floor Tile/Mastic	Room 3019, 9"x9" cream with gray and mauve streaks	160 SF
(+)	Vinyl Floor Tile/Mastic	Room 3019A, 9"x9" cream with gray and mauve streaks	560 SF
(+)	Vinyl Floor Tile/Mastic	Room 3020, 9"x9" cream with gray and mauve streaks	560 SF
(+)	Vinyl Floor Tile/Mastic	Room 3021, 9"x9" cream with gray and mauve streaks	220 SF
(+)	Vinyl Floor Tile/Mastic	Room 3021A, 9"x9" cream with gray and mauve streaks	200 SF

INSPECTION SUMMARY

(+)	Vinyl Floor Tile/Mastic	Room 3023, 9"x9" cream with gray and mauve streaks	400 SF
(+)	Vinyl Floor Tile/Mastic	Room 3025, 9"x9" cream with gray and mauve streaks	500 SF
(+)	Vinyl Floor Tile/Mastic	Room 3025A, 9"x9" cream with gray and mauve streaks	12 SF
(+)	Vinyl Floor Tile/Mastic	Room 3027, 9"x9" cream with gray and mauve streaks	320 SF
(+)	Vinyl Floor Tile/Mastic	Room 3030, 9"x9" cream with gray and mauve streaks	672 SF
(+)	Vinyl Floor Tile/Mastic	Room 3030B, 9"x9" cream with gray and mauve streaks	117 SF
(+)	Vinyl Floor Tile/Mastic	Room 3031, 9"x9" cream with gray and mauve streaks	374 SF
(+)	Vinyl Floor Tile/Mastic	Room 3033, 9"x9" cream with gray and mauve streaks	238 SF
(+)	Vinyl Floor Tile/Mastic	Room 3034, 9"x9" cream with gray and mauve streaks	270 SF
(+)	Vinyl Floor Tile/Mastic	Room 3035, 9"x9" cream with gray and mauve streaks	238 SF
(+)	Vinyl Floor Tile/Mastic	Room 3036, 9"x9" cream with gray and mauve streaks	216 SF
(+)	Vinyl Floor Tile/Mastic	Room 3037, 9"x9" cream with gray and mauve streaks	204 SF
(+)	Vinyl Floor Tile/Mastic	Room 4033, 9"x9" white with black streaks	414 SF
(+)	Vinyl Floor Tile/Mastic	Room 4136, 9"x9" white with brown streaks	112 SF
(+)	Vinyl Floor Tile/Mastic	Room 4137, 9"x9" white with black streaks	144 SF
(+)	Vinyl Floor Tile/Mastic	Room 4138, 9"x9" white with brown streaks	165 SF
(+)	Vinyl Floor Tile/Mastic	Room 4210, 9"x9" white with black streaks	874 SF

INSPECTION SUMMARY

(+)	Vinyl Floor Tile/Mastic	Room 4213, 9"x9" white with black streaks	420 SF
(+)	Vinyl Floor Tile/Mastic	Room 4214, 9"x9" white with black streaks	4,884 SF
(+)	Vinyl Floor Tile/Mastic	Second floor main work room, 9"x9" gray	87,630 SF
(+)	Vinyl Floor Tile/Mastic	Storage room 2124, 9"x9" white with black streaks	672 SF
(+)	Vinyl Floor Tile/Mastic	Supervisor's lounge 2105A, 9"x9" white with black streaks	400 SF
(+)	Vinyl Floor Tile/Mastic	Telephone room 2120, 9"x9" white with black streaks	336 SF
(+)	Vinyl Floor Tile/Mastic	Throughout third floor hallway, 9"x9" gray	2,200 SF
(+)	Vinyl Floor Tile	Vehicle maintenance facility, 9"x9" blue only, mastic tested negative, room V201	377 SF
(+)	Vinyl Floor Tile/Mastic	Vehicle maintenance facility, locker room, 9"x9" gray	338 SF
(+)	Vinyl Floor Tile	Vehicle maintenance facility; room V202, 9"x9" blue only, mastic tested negative	248 SF
(+)	Vinyl Floor Tile	Vehicle maintenance facility; room V203, 9"x9" blue only, mastic tested negative	134 SF
(+)	Vinyl Floor Tile	Vehicle maintenance facility; room V203A, 9"x9" blue only, mastic tested negative	20 SF
(+)	Vinyl Floor Tile/Mastic	Vehicle maintenance facility; superintendent's office, 9"x9" light green	170 SF
(+)	Vinyl Floor Tile	Vehicle maintenance facility; upstairs corridor room V205, 9"x9" blue only, mastic tested negative	52 SF
(+)	Vinyl Floor Tile	West dispatch room, 9"x9" tan only, mastic tested negative	132 SF

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(+)	Vinyl Floor Tile/Mastic	Women's locker room 2138, 9"x9" white with black streaks	324 SF
(+)	Asphaltic Emulsion	Room 4302, black wall tar	1,220 SF
(+)	Asphaltic Emulsion	Upper elevator room	1,220 SF
(+)	Duct Felt Tape	Boiler room (unit ACU-21 duct tape)	500 LF
(+)	Duct Felt Tape	Break room 4206	60 LF
(+)	Duct Felt Tape	Fourth floor hallway above ceiling space	400 LF
(+)	Duct Felt Tape	Foyer stamp area above ceiling	150 LF
(+)	Duct Felt Tape	Janitor's closet area	75 LF
(+)	Duct Felt Tape	Locker room 2121 above ceiling area	400 LF
(+)	Duct Felt Tape	Lunch room 2111 above ceiling area	250 LF
(+)	Duct Felt Tape	Metal welding shop	100 LF
(+)	Duct Felt Tape	Room 110	30 LF
(+)	Duct Felt Tape	Room 2148 above ceiling area	30 LF
(+)	Duct Felt Tape	Room 2148A above ceiling area	150 LF
(+)	Duct Felt Tape	Room 4049	300 LF
(+)	Duct Felt Tape	Room 4203	75 LF
(+)	Duct Felt Tape	Room 4207	140 LF
(+)	Duct Felt Tape	Room 4213 above ceiling area	110 LF
(+)	Duct Felt Tape	Room 4214 above ceiling area	900 LF
(+)	Duct Felt Tape	SE corner work room above ceiling	150 LF
(+)	Duct Felt Tape	Stairwell 112	40 LF
(+)	Duct Felt Tape	Storage area 4201	95 LF
(+)	Duct Felt Tape	Throughout second floor ceiling area	800 LF
(+)	Duct Felt Tape	Throughout third floor hallways/ceiling spaces	500 LF
(+)	Duct Felt Tape	Upper mechanical room 144	400 LF
(+)	Duct Felt Tape	Upper mechanical room 170	200 LF

INSPECTION SUMMARY

(+)	Duct Felt Tape	Upper mechanical room 171	700 LF
(+)	Duct Felt Tape	Upper mechanical room 3040	900 LF
(+)	Duct Felt Tape	Upper mechanical room 3042	320 LF
(+)	Duct Felt Tape	Vehicle maintenance facility; hallway	4 LF
(+)	Duct Felt Tape	Tunnel elevator room	15 LF
(+)	Gasket	Vehicle maintenance facility, boiler door gasket	2 EA
(+)	Insulating Wrap	Tunnels, insulating wrap	2 LF
(+)	Hard Fittings/Pipe Insulation	Throughout the facility	2,300 EA

INSPECTION SUMMARY

MATERIALS THAT TESTED NEGATIVE FOR ASBESTOS

The following materials tested negative based on ASHARA sampling minimums and testing by NVLAP participating laboratories. Although no asbestos was detected, it is possible that further sampling could indicate asbestos content. It may be prudent to test prior to impact through demolition, renovation, etc.

Material (type)	Location
Boiler Breeching/etc.	Vehicle maintenance facility; (boiler breeching)
Boiler Insulation	Vehicle maintenance facility; boiler room (boiler insulation)
Boiler Insulation	Boiler room (blue tank mag block insulation)
Built-up Roofing	Roof, top level; SE corner of building near stair access, on steel deck
Built-up Roofing	Roof, top level; SW corner of building on steel deck
Built-up Roofing	Roof, second floor level; SW corner, on concrete
Built-up Roofing	Roof, top level penthouse; SE corner of building on concrete
Built-up Roofing	Roof, third floor office floor level; SE corner on concrete
Built-up Roofing	Roof, west dock level; SE corner on steel deck
Built-up Roofing	Roof, north truck dock, first floor; NW corner of building on concrete
Built-up Roofing	Parapet; first working floor, north truck dock; NW corner of building; silver
Built-up Roofing	Roof, VMF; east side, on concrete
Built-up Roofing	Roof; VMF, top level, central, on concrete
Built-up Roofing	Parapet; VMF, silver
Covebase/Mastic	Vehicle maintenance facility; upstairs corridor (4" gray covebase)
Covebase/Mastic	Hallway to engineering (4" gray covebase)
Covebase/Mastic	Vehicle maintenance facility; superintendent's (4" tan covebase)
Covebase/Mastic	Main lobby (6" gray covebase)
Covebase/Mastic	First floor main work room (6" black covebase)
Covebase/Mastic	Locker room (4" gray covebase)
Covebase/Mastic	Facilities filing area (4" mauve covebase)
Covebase/Mastic	Cafeteria food tray pick up area (4" red covebase)
Covebase/Mastic	Cafeteria entrance (6" mauve covebase)
Covebase/Mastic	Hallway outside SSPD technician's room (6" brown covebase)
Covebase/Mastic	Cafeteria payment counter (4" red covebase)

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Covebase/Mastic	Room 3017 (4" brown covebase)
Covebase/Mastic	Room 3021 (4" red covebase)
Covebase/Mastic	Room 3023 (6" tan covebase)
Covebase/Mastic	Room 3027 (6" mauve covebase)
Covebase/Mastic	Room 3028 (4" tan covebase)
Covebase/Mastic	Hallway outside room 3037 (4" red covebase)
Covebase/Mastic	Outside supply storage room (6" tan covebase)
Covebase/Mastic	Room 2001 (4" gray covebase)
Covebase/Mastic	Room 2009 (4" mauve covebase)
Covebase/Mastic	Room 2015 (4" red covebase)
Covebase/Mastic	Room 2022 (4" dark gray covebase)
Covebase/Mastic	Lunch room 2111 (4" gray covebase)
Covebase/Mastic	Women's locker room 2138 (4" blue covebase)
Covebase/Mastic	Room 2140 restroom (4" black covebase)
Covebase/Mastic	Room 2149 (4" gray covebase)
Duct Felt Tape	Boiler room (unit ACU-20 duct tape)
Duct Insulation	Boiler room (unit ACU-19 lagging)
Duct Insulation	Boiler room (chilled water return lagging)
Duct Insulation	Upper mechanical room 3040 (lagging)
Duct Insulation	Above lunch room 2111 (lagging)
Duct Insulation	Upper mechanical room (lagging)
Duct Insulation	First floor main work room (lagging)
Duct Insulation	CFS swing room (lagging)
Duct Insulation	Metal welding shop (lagging)
Duct Insulation	Vehicle maintenance facility; stock room (duct tape)
Duct Insulation	Vehicle maintenance facility; upstairs office space (duct lagging)
Duct Insulation	Vehicle maintenance facility; stairwell (lagging)
Lay-in Ceiling Tile	Vehicle maintenance facility; upstairs office space (2'x4' random pin perf fissured)
Lay-in Ceiling Tile	Room 4214 (2'x4' random pin perf)
Lay-in Ceiling Tile	Hallway outside conference room (2'x4' random pin perf)
Lay-in Ceiling Tile	Hallway outside conference room (2'x4' non-directional fissured with 1' strips)

INSPECTION SUMMARY

Lay-in Ceiling Tile	Foyer stamp (2'x4' random pin perf)
Lay-in Ceiling Tile	Hallway outside room 2023 (2'x4' room pin perf fissured)
Lay-in Ceiling Tile	Room 2030A (2'x4' random pin perf, fissured)
Lay-in Ceiling Tile	Foyer (2'x4' random pin perf rough)
Lay-in Ceiling Tile	Mail holding area (2'x4' random pin perf)
Lay-in Ceiling Tile	Rework area (2'x4' random pin perf)
Lay-in Ceiling Tile	Hallway outside elevator (2'x4' non-directional fissured with 1" strips)
Lay-in Ceiling Tile	Reception area (2'x4' embossed with perfs)
Lay-in Ceiling Tile	Support service manager's office (2'x4' embossed with perfs)
Lay-in Ceiling Tile	North end of parts room 4049 (2'x4' directional fissured)
Lay-in Ceiling Tile	Room 3027 (2'x4' random pin perf smooth)
Lay-in Ceiling Tile	Room 3021A (2'x4' random pin perf rough)
Lay-in Ceiling Tile	Room 2148A (2'x4' random pin perf rough)
Lay-in Ceiling Tile	Room 2148 (2'x2 random pin glob fissured)
Lay-in Ceiling Tile	Boiler room 4050A (2'x4' random pin perf)
Lay-in Ceiling Tile	Computer room 4115 (2'x4' random pin perf)
Mastic	Locker room 2123 (glued-on ceiling tile mastic)
Mastic	Lunch room 2111 (glued-on ceiling tile mastic)
Mastic	Locker room 115 (glued-on ceiling tile mastic)
Mastic	Lunch room (glued-on ceiling tile mastic)
Material Debris	Upper mechanical room (material debris)
Material Debris	Upper mechanical room 170 (material debris)
Mechanical Isolation Cloth	Lunch room 2111 (mechanical isolation cloth)
Mechanical Isolation Cloth	Boiler room (unit ACU-20 white rubber mechanical isolation cloth)
Mechanical Isolation Cloth	Boiler room (unit ACU-19 white rubber mechanical isolation cloth)
Mechanical Isolation Cloth	Boiler room (unit ACU-20 black canvas mechanical isolation cloth)
Mechanical Isolation Cloth	Upper mechanical room (HVAC connector material)
Ramp Floor Covering	Tunnels (black flooring material)
Sprayed Cementitious Fireprfng	Room 4214 (sprayed-on fireproofing)
Sprayed Cementitious Fireprfng	Fourth floor, SW end of E/W running corridor; above suspended ceiling; sprayed on, cementitious

INSPECTION SUMMARY

Sprayed Cementitious Fireprfng	North end of hallway (sprayed-on fireproofing)
Sprayed Cementitious Fireprfng	South end of hallway (sprayed-on fireproofing)
Stair Tread	Stairs to second floor work room (vinyl stair tread)
Stair Tread	Stairs to second floor work room (stair covering)
Subfloor	Lunch room 2111 (subfloor)
Vinyl Floor Tile/Mastic	Hallway outside SW elevators (9' blue tile)
Vinyl Floor Tile/Mastic	SSPD technician's computer room (9" tan tile)
Vinyl Floor Tile/Mastic	Hallway outside SSPD technician's room (12" tan tile)
Vinyl Floor Tile/Mastic	Stored in boiler room (1'x2' black floor plank)
Vinyl Floor Tile/Mastic	Center of boiler room (1'x2' black floor plank)
Vinyl Floor Tile/Mastic	Second floor main work room (9" olive tile with white & black streaks)
Vinyl Floor Tile/Mastic	East freight elevator floor (1'x2' black floor plank)
Vinyl Floor Tile/Mastic	Main lobby (18" red tile)
Vinyl Floor Tile/Mastic	Main lobby (18" white tile)
Vinyl Floor Tile/Mastic	Credit union lobby (18" red tile)
Vinyl Floor Tile/Mastic	Credit union lobby (18" white tile)
Vinyl Floor Tile/Mastic	Hallway outside men's restroom (18" red tile)
Vinyl Floor Tile/Mastic	Hallway outside men's restroom (18" blue tile)
Vinyl Floor Tile/Mastic	First floor main work room near freight elevator (12" black tile)
Vinyl Floor Tile/Mastic	Customer service area (18" brown tile)
Vinyl Floor Tile/Mastic	First floor main work room (1'x2' black floor plank)
Vinyl Floor Tile/Mastic	Second floor main work room (9" green tile)
Wall and Ceiling Plaster	Break room 118 wall (plaster)
Wall and Ceiling Plaster	Room 155 south wall (plaster)
Wall and Ceiling Plaster	Locker room 2123 hatch (sprayed-on plaster)
Wall and Ceiling Plaster	Room 2134 (sprayed-on plaster)
Wall and Ceiling Plaster	Room 2119 (plaster)
Wall and Ceiling Plaster	Above room 2119 (sprayed-on plaster)
Wall and Ceiling Plaster	Lunch room 2111 (plaster)
Wall and Ceiling Plaster	Janitor's closet (plaster)
Wall and Ceiling Plaster	Room 2025 (plaster)
Wall and Ceiling Plaster	Room 2001A (plaster)

INSPECTION SUMMARY

Wallboard/Taping Material	Room 2001 (gypsum wallboard)
Wallboard/Taping Material	Room 2011 (gypsum wallboard)
Wallboard/Taping Material	Room 2015 (gypsum wallboard)
Wallboard/Taping Material	South wall office (gypsum wallboard)
Wallboard/Taping Material	South side mail holding area (gypsum wallboard)
Wallboard/Taping Material	Supply storage room (gypsum wallboard)
Wallboard/Taping Material	Room 2142 (gypsum wallboard)
Wallboard/Taping Material	Outside room 3007 (gypsum wallboard)
Wallboard/Taping Material	Room 3013 (gypsum wallboard)
Wallboard/Taping Material	Room 3030 (gypsum wallboard)
Wallboard/Taping Material	Room 3023 (gypsum wallboard)
Wallboard/Taping Material	Room 140 (gypsum wallboard)
Wallboard/Taping Material	First floor main work room (gypsum wallboard)
Wallboard/Taping Material	Carrier training room (gypsum wallboard)
Wallboard/Taping Material	Vehicle maintenance facility; superintendent's office (gypsum wallboard)
Wallboard/Taping Material	Conference room A (gypsum wallboard)
Wallboard/Taping Material	Carpentry shop 4202 (gypsum wallboard)
Wallboard/Taping Material	Vehicle maintenance facility; locker room (gypsum wallboard)

INSPECTION SUMMARY

On July 10, 2018, PBS performed a pre-demolition hazardous materials survey of the Portland Main United States Post Office (USPO) located at 715 NW Hoyt Street in Portland, Oregon. The survey was requested by Prosper Portland in anticipation of demolition.

The purpose of the survey was to locate, identify, and quantify accessible friable and non-friable hazardous building materials for removal prior to demolition. PBS previously surveyed this site in 1995/1996 and 2008 and presented the survey results in Asbestos Survey Reports dated January 1996 and April 2008. PBS utilized the 2008 report to verify the asbestos-containing materials already identified on site and to update the asbestos-containing materials list with any new materials observed during this survey. PBS' focus was on asbestos containing building materials (ACM), lead-containing paint (LCP or lead-based paint [LBP]), mercury-containing light tubes and polychlorinated biphenyls (PCB) light ballasts.

The USPO facility covers 13.4 acres and consists of a large post office building, a vehicle maintenance facility, parking structure and an open parking lot. The post office building is a four-story concrete building with a large tunnel system and a flat multilevel built-up roof.

Although PBS endeavored to discover all ACM, LBP, mercury-containing light tubes, and PCB-containing ballasts. Hazardous materials may exist on the property, which are not addressed in this report.

The survey is also intended to satisfy Occupational Safety and Health Administration (OSHA) hazard communication requirements as well as requirements by the Department of Environmental Quality (DEQ) to perform an asbestos inspection prior to renovation or demolition activities under Oregon Administrative Rule (OAR) 340-248-0270.

Asbestos Regulations

Oregon DEQ, Environmental Protection Agency (EPA), and OSHA regulations require proper removal and handling of ACM by licensed and trained asbestos abatement contractors prior to building renovations or demolition.

The EPA, DEQ, and OSHA all define ACM as any material containing more than one percent asbestos. Although materials equal to or less than one percent are not considered by regulatory agencies to be an ACM, they still have some asbestos content, and Oregon OSHA has specific requirements for situations in which workers may encounter, disturb, or remove materials containing any level of asbestos. For the sake of hazard communication, these materials are included in the asbestos-containing materials section of this report.

In 1995, Oregon OSHA adopted 29 Code of Federal Regulations (CFR) Part 1926.1101 governing asbestos under OAR 437-003-1926.1101. The regulation has made significant changes in work procedures and how asbestos materials are managed. OSHA believes that the single biggest risk of asbestos exposure is to workers who unknowingly or improperly disturb ACM. Hazard communication, training, personal protection, work practices, exposure monitoring, and recordkeeping are all major components of the regulation.

DEQ's OAR 340, Division 248 also covers asbestos abatement requirements, removal notifications, licensing, and certifications for contractors.

For more information regarding the removal of asbestos-containing materials, please refer to the following:

1. Oregon Occupational Safety and Health Administration, OAR 437-003-1926.1101
2 Department of Environmental Quality OAR-340 Division 248

INSPECTION SUMMARY

Main Building

Laboratory results were mixed for hard fittings on fiberglass pipe insulation, hard fittings throughout the facility should be considered asbestos-containing.

Tunnel

• One asbestos-containing fire door was discovered in the northwest corner of the tunnel system.

• Asbestos-containing insulating pipe wrap is present around a pipe penetration in the southwest stairwell.

• Asbestos-containing duct felt tape was observed in the southwest stairwell and southeast elevator control room.

• During a 1996 asbestos survey, cement asbestos board was discovered inside the southeast elevator control room. The cement asbestos board has since been removed.

• The stamp incineration room was inaccessible.

All other suspect materials identified and sampled in the tunnel system tested negative for asbestos. See the "Materials which Tested Negative for Asbestos" section of this report.

First Floor

• Asbestos-containing duct felt tape was observed exposed on the cold air return ducts and associated machinery. Asbestos-containing felt duct felt tape also exists concealed under fiberglass insulation on warm air supply ducts.

• Asbestos-containing floor tile and mastic was discovered exposed throughout the main work room (room 129) and rooms 105, 106, 107, 113, 114, 115, 117, 118, 120, 124, 135, 139, 140, 152, 153, 154, 156, 159A, 163, and 166. Both 12"x12" and 9"x9" tiles contain asbestos.

• The work room side of the post office box area has two layers of asbestos-containing floor tile and mastic.

• Hard fittings on fiberglass pipe insulation in the upper mechanical spaces tested positive for asbestos.

All asbestos-containing materials that were discovered were found to be in good condition.

All other suspect materials identified and sampled on the first floor tested negative for asbestos. See the "Materials which Tested Negative for Asbestos" section of this report.

Second Floor

• Asbestos-containing duct felt tape was observed above the ceiling on the cold air return ducts and associated machinery. Asbestos-containing felt duct felt tape also exists concealed under fiberglass insulation on warm air supply ducts.

• Asbestos-containing floor tile and mastic was found exposed throughout the office hallways. Asbestos-containing floor tile and mastic is presently concealed under carpet in rooms 2001, 2001A, 2003, 2003A, 2004, 2005, 2006, 2006A, 2006B, 2006C, 2007, 2008, 2009, 2010, 2011, 2012, 2012A, 2013, 2015, 2017, 2019, 2021, 2022,

INSPECTION SUMMARY

• Asbestos floor tile and mastic was observed in the east elevator lobby (room 2026) during a 1996 asbestos survey. However, prior to the date of this 2008 survey the floor tile in the elevator lobby was abated and replaced with blue non-asbestos tile and mastic.

• All office doors leading to the hallway are presumed to contain asbestos.

All asbestos-containing materials that were discovered were found to be in good condition.

All other suspect materials identified and sampled on the second floor tested negative for asbestos. See the "Materials which Tested Negative for Asbestos" section of this report.

Third Floor

• Asbestos-containing duct felt tape was observed exposed on the cold air return ducts and associated machinery. Asbestos-containing felt duct felt tape also exists concealed under fiberglass insulation on warm air supply ducts.

• Asbestos-containing floor tile and mastic was discovered exposed throughout the main workroom (room 3041) and office hallways. Asbestos floor tile and mastic was observed in the east elevator lobby (room 3000) during a 1996 asbestos survey. As of this 2008 survey the floor tile in the elevator lobby has been abated and replaced with ceramic tile.

• Asbestos-containing floor tile was observed exposed in rooms 2105A, 2109, 2111, 2114, 2121, 2122, 2123, 2124, 2130, 2130A, 2134, 2135, 2136, 2138, 2140, 2142, 2146, 2148, 2148B, 2149, 2149A, 2149B, 3007, and 3008.

• Asbestos-containing floor tile and mastic is concealed under carpet in rooms 2127, 2147, 2147A, 3007, 3009, 3011, 3012, 3013, 3014, 3015, 3017, 3018, 3019, 3019A, 3020, 3021, 3021A, 3023, 3025, 3027, 3030, 3031, 3033, 3034, 3035, 3036, and 3037. All asbestoscontaining floor tile on the third floor is 9"x9" in size.

• Hard fittings on fiberglass pipe insulation in the upper mechanical spaces tested positive for asbestos.

• All office doors leading to the hallway are presumed to contain asbestos.

All asbestos-containing materials that were discovered were found to be in good condition.

All other suspect materials identified and sampled on the third floor tested negative for asbestos. See the "Materials which Tested Negative for Asbestos" section of this report.

Fourth Floor

• Asbestos-containing duct felt tape was observed above the ceiling on the cold air return ducts and associated machinery. Asbestos-containing felt duct felt tape also exists concealed under fiberglass insulation on warm air supply ducts. Various air handlers inside the boiler room have asbestos felt duct tape on seams both exposed and under fiberglass insulation.

• Both the SW and SE elevator machine rooms have a black tar application on the walls Both the SW and SE elevator machine rooms have a black tar application on the walls. The tar tested positive for asbestos.

• Brake shoes on the elevator motors were not tested, but are presumed to contain asbestos

INSPECTION SUMMARY

• Brake shoes on the elevator motors were not tested, but are presumed to contain asbestos.

• Asbestos-containing floor tile and mastic were observed in rooms 4033, 4035, 4036, 4136, 4137, 4138, 4144, 4210, 4213, and 4214.

All asbestos-containing materials that were discovered were found to be in good condition.

All other suspect materials identified and sampled on the fourth floor tested negative for asbestos. See the "Materials which Tested Negative for Asbestos" section of this report.

Vehicle Maintenance Facility

• Asbestos-containing duct felt tape is present in the hallway. The duct felt tape was observed exposed on the cold air return ducts. Asbestos-containing felt duct felt tape also exists concealed under fiberglass insulation on warm air supply ducts.

• Asbestos-containing floor tile and mastic were observed in rooms V101, V102, V202, and V204. Rooms V101 and V102 have two layers of floor tile and mastic. Asbestos-containing floor tile with non-asbestos mastic was found in rooms V201, V203, and V203A.

• There are two asbestos-containing gaskets associated with the boiler in the boiler room.

• The fire door between the boiler room and room V105 is presumed to contain asbestos.

• Sealant between window frames and concrete walls tested positive for asbestos.

All asbestos-containing materials were found to be in good condition with the exception of the floor tile in room V102 which is heavily worn.

All sampled roofing materials tested **negative** for asbestos. All other suspect materials identified and sampled in the vehicle maintenance facility tested negative for asbestos.
See the "Materials which Tested Negative for Asbestos" section of this report.

Bulk Mail Acceptance Unit

• Asbestos-containing floor tile and mastic are located in rooms 600 and 601. The floor tile and mastic is in good condition.

All other suspect materials identified and sampled in the bulk mail acceptance unit tested negative for asbestos.
See the "Materials which Tested Negative for Asbestos" section of this report.

INSPECTION SUMMARY

LEAD-BASED PAINT

Lead-Based Paint

Representative bulk samples of suspect paint applications were collected on selected interior and exterior building surfaces. The paint samples were submitted to a qualified laboratory for lead analysis.

Lead analysis results indicated that detectable levels of lead were present in most of the submitted samples. See the "Lead Sample Inventory" section of this report for representative building components and corresponding results. Interior paint applications were generally in good condition. A few areas of flaking paint were noted on the exterior. The paint testing conducted for this survey was a limited scope sampling and the report information and testing results are not to be construed as an exhaustive investigation of lead-containing paint on all building surfaces.

Abatement of lead-containing paint on the building structure is not recommended because the building is scheduled for complete demolition. The U.S. Department of Housing and Urban Development (HUD) and Oregon Occupational Safety and Health Division (OR-OSHA) requirements do not apply for buildings scheduled for demolition. See the "Regulatory Issues (Lead-Containing Paint)" section of this report for additional information.

Oregon Occupational Safety and Health Division (OR-OSHA) requirements during building demolition state that any lead-containing paint or "lead-based paint" should be managed in place in good condition until the demolition occurs. If the scheduled building demolition was to be delayed, and if the building was to then qualify under the definitions of "target housing" or a "child-occupied facility", then PBS would recommend that HUD and OR-OSHA requirements regarding lead-containing paint be followed.

Regulatory Issues (Lead-Containing Paint)

Oregon Occupational Safety and Health Division (OR-OSHA) adopted the Federal OSHA "Lead in Construction" standard (29 CFR 1926.62) in November of 1993 under OAR 437 Division 3-001. The OR-OSHA standards outline worker exposure limits, personal protection requirements, and employer responsibility for exposure assessment, training, housekeeping, and recordkeeping. OSHA's lead standard applies to all work where employees may be exposed to lead in construction, alteration, or repair. This includes renovation or demolition of structures where lead-containing materials are present.

Disposal of building demolition waste coated with lead-containing paint will generally not require a hazardous waste determination (i.e., TCLP testing) if demolition debris is disposed of at a solid waste landfill that is permitted by the Oregon Department of Environmental Quality (DEQ) and which meets the current design standards for municipal solid waste disposal facilities defined in 40 CFR Part 258.

Please refer to the Oregon (DEQ) Hazardous Waste Reduction policy and follow all requirements under the Oregon DEQ, Management of Building Demolition Waste, 97-002 for proper disposal of building demolition waste coated with lead-containing paint.

INSPECTION SUMMARY

PCB/MERCURY VAPOR TUBES

Mercury-Containing Tubes

Ten thousand eight hundred sixty eight (10,868) mercury-containing fluorescent light tubes/bulbs were observed during the survey. The light tubes are located in most rooms, halls, work areas and stairwells as well as the tunnel system.

PCB-Containing Light Ballasts

PBS inspected representative light fixtures. No PCB containing light ballasts were observed. It is PBS' understanding that all PCB light ballasts have been replaced with non-PCB ballasts.

Prosper Portland
Portland Main Post Office
PBS Engineering and Environmental Inc.
Hazardous Materials Abatement/Demolition

Probable Cost Estimate

PBS Project: 25736.00
Prepared by: Clark Nelson
Date Prepared: July 25, 2018

Item	Unit	Quantity	Unit Price (USD)	Amount (USD)
A. Mobilization, Permits & Fees				
B. Hazardous Material Abatement				
Hard Fittings				
(+)Floor Tile/(+)Mastic				
(+)Floor Tile/(-)Mastic				
Boiler Gasket				
Window Glazing				
Asphaltic Emulsion (black wall tar)				
Duct Felt Table				
Insulating Wrap				
Mercury Vapor Tubes				
Fire Doors				
Sealant				

Cost Estimate Assumptions:
1) Cost estimate is based on the best guess of current market conditions and should be verified by publicly bidding the work
2) Estimate does not include removal of petroleum contaminated soil or PCB contaminated light fixtures if found to be present

Photo 1. Fire door in tunnel system with exposed asbestos-containing core.

Photo 2. Asbestos-containing duct tape concealed under duct insulation.

Photo 3. Asbestos-containing sealant between exterior flashing and brick.

Photo 4. Vehicle maintenance shop window frame with asbestos-containing sealant between the frame and concrete.

Photo 5. Vehicle maintenance shop office floor with two layers of asbestos-containing floor tile and mastic.

Photo 6. Room 129 asbestos-containing floor tile and mastic. Core sample location.

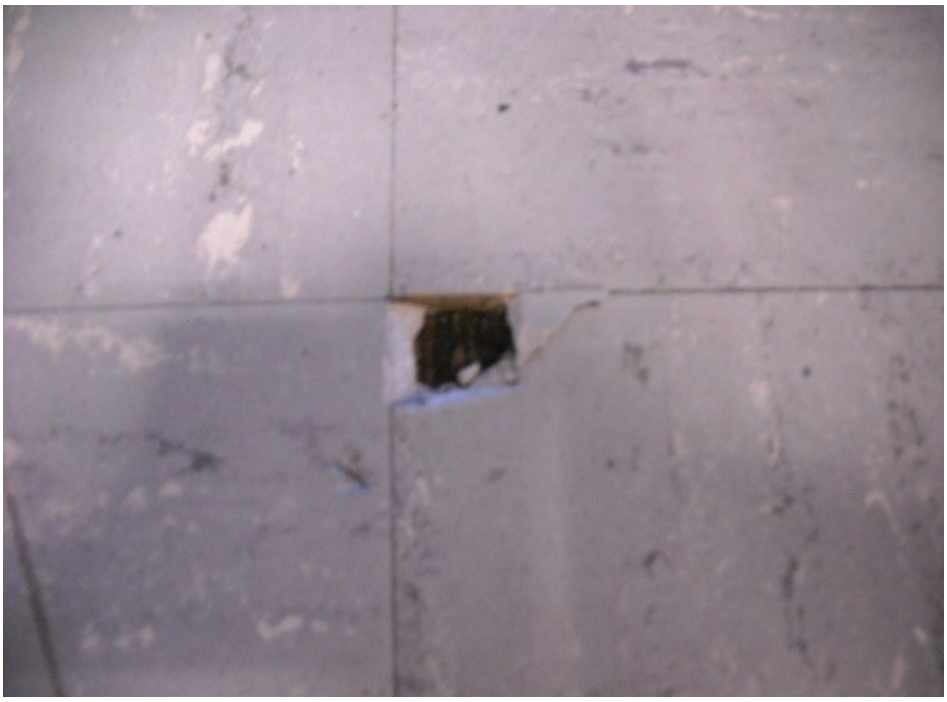


Photo 7. Room 3041 asbestos-containing floor tile and mastic. Core sample location.

Photo 8. Labeling on a typical asbestos-containing fire.

Photo 9. Hazardous materials storage in the boiler room.

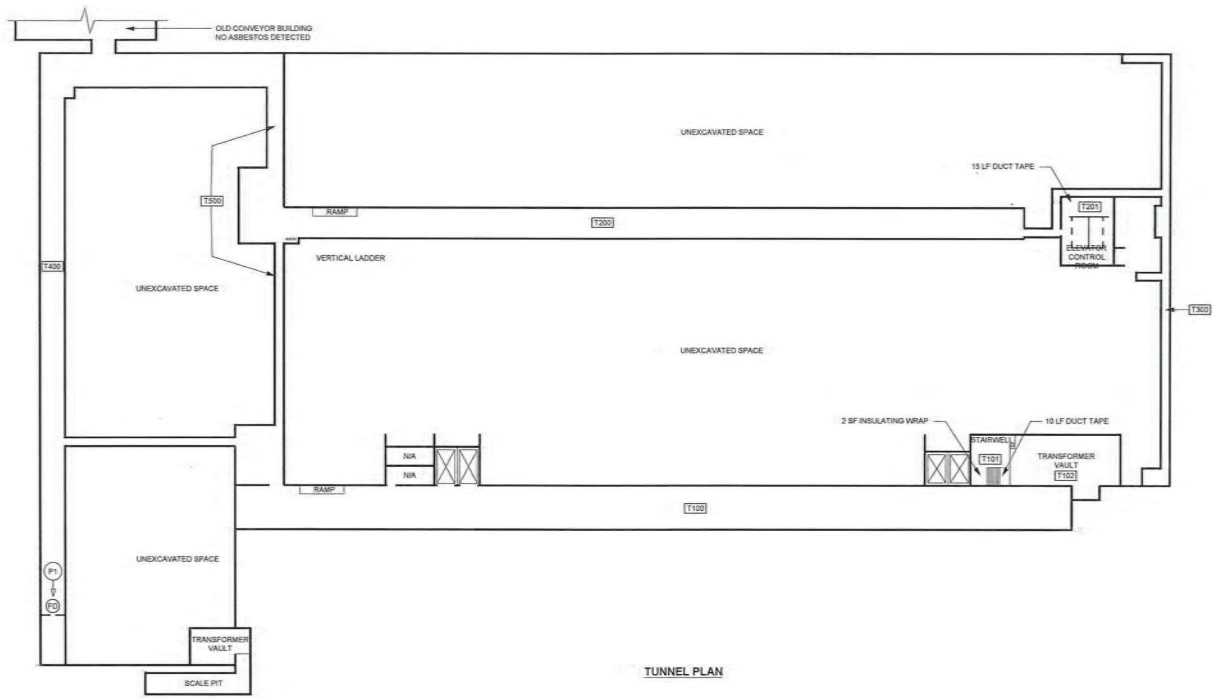
Photo 10. Fuel pumping station at the vehicle maintenance facility.

NOTES

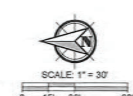
1. THIS DRAWING IS DIAGRAMMATIC. IT IS FOR GENERAL INFORMATION AND MATERIAL LOCATION.

LEGEND

[100]	ROOM NUMBERS
N/A	NOT ACCESSIBLE TO SURVEY TEAM
(FD)	FIRE DOOR
(P1)→	PHOTO NUMBER, LOCATION AND DIRECTION



TUNNEL PLAN



PREPARED FOR: PROSPER PORTLAND

FULL SIZE SHEET FORMAT IS 24X36; IF PRINTED SIZE IS NOT 24X36, THEN THIS SHEET FORMAT HAS BEEN MODIFIED & INDICATED DRAWING SCALE IS NOT ACCURATE.

Filename: L:\Projects\25000\25700-25799\25736_USPSHazMatBldgUpdate\DWG\25736.000_ASB1_TUNNEL_MATERIAL.dwg Layout Tab: LAYOUT1 User: Jim Blanco CAD Plot Date/Time: 7/17/2018 4:16:30 PM

PBS Engineering and Environmental Inc.
4412 SW Corbett Avenue
Portland, OR 97239
503.248.1939
pbsusa.com

ASBESTOS SURVEY PLAN

USPS PROCESSING AND DISTRIBUTION FACILITY

715 NW HOYT STREET, PORTLAND, OREGON

NO	REVISION	DATE	BY	APP'D

DRAWN BY: JAB
CHECKED: CN
DATE: JULY 2018
PROJECT NUMBER: 25736.000
FIGURE: **ASB1**
SHEET 1 OF 14

NOTES

1. THIS DRAWING IS DIAGRAMMATIC. IT IS FOR GENERAL INFORMATION AND SAMPLE LOCATION.
2. ACCESSIBLE SPACES WERE SURVEYED FOR SUS- PECT ASBESTOS MATERIALS. WHEN OBSERVED THE MATERIALS WERE NOTED ON THE DRAWINGS.

LEGEND

100 — ROOM NUMBERS

7 — DRAWING REFERENCE TO BULK SAMPLE FIELD CODE, SEE INVENTORY OF SAMPLES

MATERIAL SYMBOL

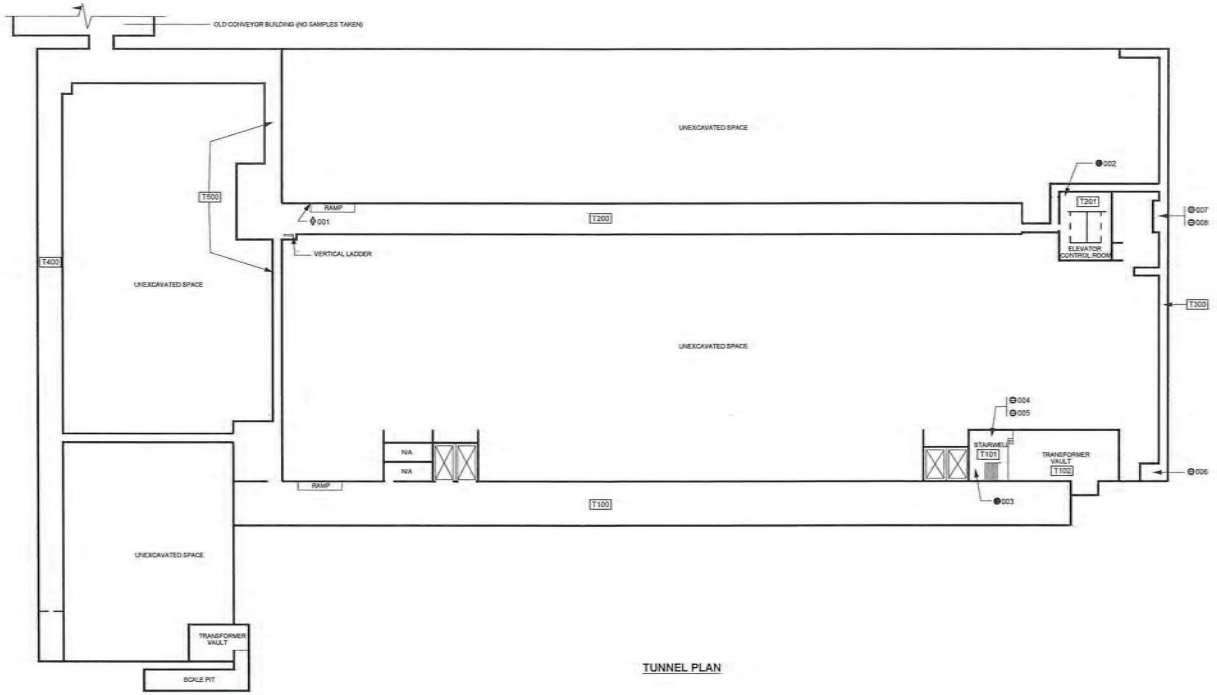
N/A — NOT ACCESSIBLE TO SURVEY TEAM

ASBESTOS SAMPLE SYMBOLS

NOT TESTED	NEGATIVE –	POSITIVE +	
○	⊘	●	MECHANICAL INSULATION
□	⊟	■	SURFACING MATERIAL
◊	⧫	◆	MISCELLANEOUS MATERIAL

INVENTORY OF ASBESTOS SAMPLES

DRAWING REFERENCE	FIELD CODE	LAB RESULT	MATERIAL SAMPLED
◊001	8232.15- 001	-	(A10) RAMP FLOOR COVERING
●002	8232.15- 002	+	(A10) DUCT FELT TAPE
●003	8232.15- 003	+	(A10) INSULATING WRAP
⊘004	8232.15- 004	-	(A10) HARD FITTINGS/FIBERGLASS
⊘005	8232.15- 005	-	(A10) HARD FITTINGS/FIBERGLASS
⊘006	8232.15- 006	-	(A10) HARD FITTINGS/FIBERGLASS
⊘007	8232.15- 007	-	(A10) HARD FITTINGS/FIBERGLASS
⊘008	8232.15- 008	-	(A10) HARD FITTINGS/FIBERGLASS



TUNNEL PLAN

SCALE: 1" = 30'
0 15' 30' 60'

PREPARED FOR: PROSPER PORTLAND

FULL SIZE SHEET FORMAT IS 24X36; IF PRINTED SIZE IS NOT 24X36, THEN THIS SHEET FORMAT HAS BEEN MODIFIED & INDICATED DRAWING SCALE IS NOT ACCURATE.

PBS Engineering and Environmental Inc.
4412 SW Corbett Avenue
Portland, OR 97239
503.241.1919
pbsusa.com

PBS

ASBESTOS SURVEY PLAN

USPS PROCESSING AND DISTRIBUTION FACILITY

715 NW HOYT STREET, PORTLAND, OREGON

NO	REVISION	DATE	BY	APP'D

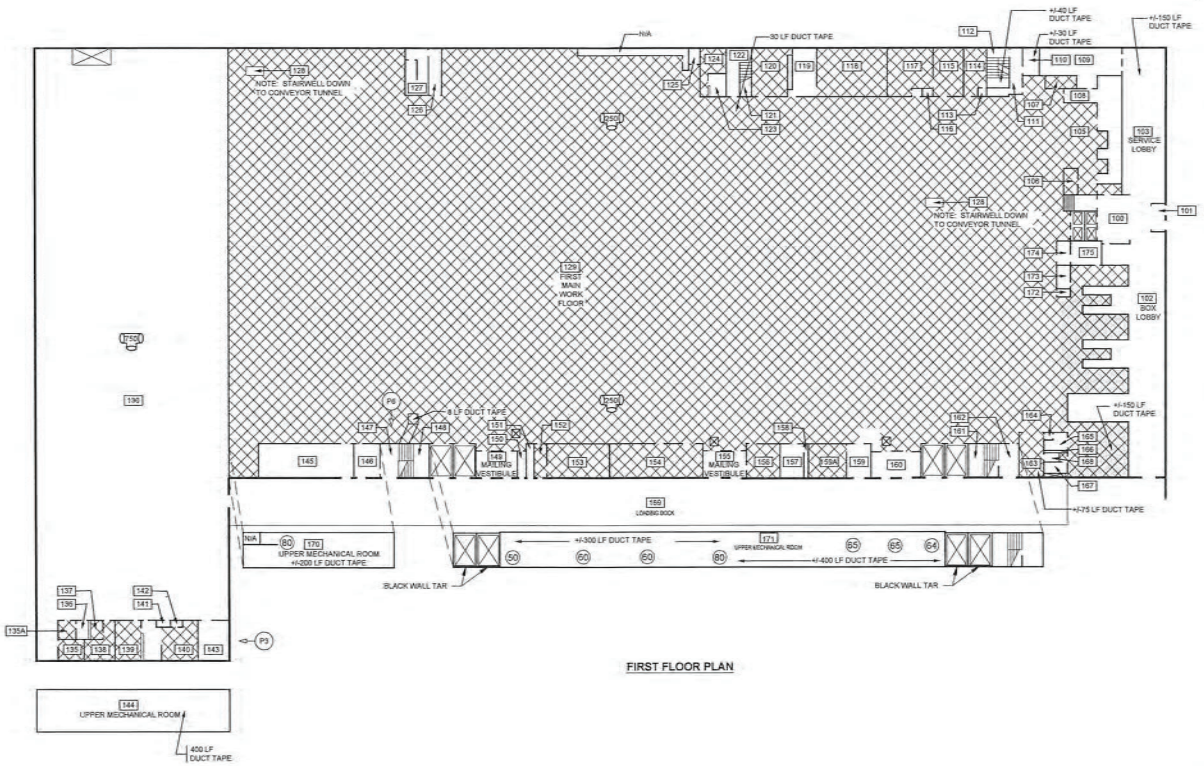
DRAWN BY: JAB
CHECKED: CN
DATE: JULY 2018
PROJECT NUMBER: 25736.000
FIGURE: ASB2
SHEET 2 OF 14

NOTES

1. THIS DRAWING IS DIAGRAMMATIC. IT IS FOR GENERAL INFORMATION AND MATERIAL LOCATION.

LEGEND

100	ROOM NUMBERS
N/A	NOT ACCESSIBLE TO SURVEY TEAM
(#)	APPROXIMATE NUMBER AND LOCATION OF HARD FITTINGS ON FIBERGLASS PIPE INSULATION
P1	PHOTO NUMBER, LOCATION AND DIRECTION
	MECHANICAL ROOM ACCESS
	2-LAYERS OF ASBESTOS-CONTAINING VINYL FLOOR TILE AND MASTIC
	ASBESTOS-CONTAINING FLOOR TILE AND MASTIC
(#)	APPROXIMATE NUMBER AND LOCATION OF HARD FITTINGS ON FIBERGLASS PIPE INSULATION, JULY 2018



FIRST FLOOR PLAN

SCALE: 1" = 30'

0 15' 30' 60'

PREPARED FOR: PROSPER PORTLAND

PBS Engineering and Environmental Inc. 1414 SW Ninth Avenue Portland, OR 97258 503.248.1939 pbsusa.com

PBS

ASBESTOS SURVEY PLAN

USPS PROCESSING AND DISTRIBUTION FACILITY

715 NW HOYT STREET, PORTLAND, OREGON

NO	REVISION	DATE	BY	APP'D

DRAWN BY: JAB
CHECKED: CN
DATE: JULY 2018
PROJECT NUMBER: 25736.000
FIGURE: ASB3
SHEET 3 OF 14

FULL SIZE SHEET FORMAT IS 24X36. IF PRINTED SIZE IS NOT 24X36, THEN THIS SHEET FORMAT HAS BEEN MODIFIED & INDICATED DRAWING SCALE IS NOT ACCURATE.

NOTES

1. THIS DRAWING IS DIAGRAMMATIC. IT IS FOR GENERAL INFORMATION AND SAMPLE LOCATION.
2. ACCESSIBLE SPACES WERE SURVEYED FOR SUSPECT ASBESTOS MATERIALS. WHEN OBSERVED THE MATERIALS WERE NOTED ON THE DRAWINGS.

LEGEND

- [100] ROOM NUMBERS
- 7 — DRAWING REFERENCE TO BULK SAMPLE FIELD CODE, SEE INVENTORY OF SAMPLES; MATERIAL SYMBOL
- N/A NOT ACCESSIBLE TO SURVEY TEAM
- ⊠ MECHANICAL ROOM ACCESS

ASBESTOS SAMPLE SYMBOLS

NOT TESTED	NEGATIVE –	POSITIVE +	
○	⊖	●	MECHANICAL INSULATION
□	⊟	■	SURFACING MATERIAL
◊	◊	♦	MISCELLANEOUS MATERIAL

INVENTORY OF ASBESTOS SAMPLES

DRAWING REFERENCE	FIELD CODE	LAB RESULT	MATERIAL SAMPLED
100	8232.15-100	-	(M9) LAY-IN CEILING TILE
101	8232.15-101	-	(M9) LAY-IN CEILING TILE
102	8232.15-102	-	(T4) MECHANICAL ISOLATION CLOTH
103	8232.15-103	-	(T2) HARD FITTINGS/FIBERGLASS
104	8232.15-104	-	(T2) HARD FITTINGS/FIBERGLASS
105	8232.15-105	-	(M11) MASTIC
106	8232.15-106	-	(T8) LAGGING
107	8232.15-107	+/+	(M7) VINYL FLOOR TILE 9x9 (2)
108	8232.15-108	-	(M10) VINYL FLOOR TILE (6)
109	8232.15-109	-	(M17) COVEBASE/MASTIC (6)
110	8232.15-110	-	(M10) VINYL FLOOR TILE (2)
111	8232.15-111	+/+	(M7) VINYL FLOOR TILE
112	8232.15-112	-	(M3) GYPSUM WALLBOARD/JOINT COMPOUND
113	8232.15-113	-	(M11) MASTIC
114	8232.15-114	-	(T2) HARD FITTINGS/FIBERGLASS
115	8232.15-115	-	(T2) HARD FITTINGS/FIBERGLASS
116	8232.15-116	-	(T2) HARD FITTINGS/FIBERGLASS
117	8232.15-117	-	(T2) HARD FITTINGS/FIBERGLASS
118	8232.15-118	-	(T2) HARD FITTINGS/FIBERGLASS
119	8232.15-119	-	(T2) HARD FITTINGS/FIBERGLASS
120	8232.15-120	-	(M6) VINYL FLOOR TILE (8)
121	8232.15-121	-	(M10) VINYL FLOOR TILE (6)
122	8232.15-122	+/+	(M6) VINYL FLOOR TILE (1)
123	8232.15-123	+/+	(M6) VINYL FLOOR TILE (1)
124	8232.15-124	+	(T2) HARD FITTINGS/FIBERGLASS
125	8232.15-125	+	(T2) HARD FITTINGS/FIBERGLASS
126	8232.15-126	+	(T2) HARD FITTINGS/FIBERGLASS
127	8232.15-127	+	(T2) HARD FITTINGS/FIBERGLASS
128	8232.15-128	-	(M17) COVEBASE/MASTIC
129	8232.15-129	-	(M17) COVEBASE/MASTIC
130	8232.15-130	-	(M12) WALL AND CEILING PLASTER
131	8232.15-131	+/-	(M7) VINYL FLOOR TILE 9x9 (7)
132	8232.15-132	-	(M6) VINYL FLOOR TILE (3)
133	8232.15-133	-	(M6) VINYL FLOOR TILE 18" RED (4)
134	8232.15-134	-	(M6) VINYL FLOOR TILE 18" WHITE (5)
135	8232.15-135	-	(M21) MATERIAL DEBRIS
136	8232.15-136	-	(M12) WALL AND CEILING PLASTER
137	8232.15-137	-	(M12) WALL AND CEILING PLASTER
138	8232.15-138	-	(M12) WALL AND CEILING PLASTER
139	8232.15-139	-	(M3) GYPSUM WALLBOARD
140	8232.15-140	-	(M3) GYPSUM WALLBOARD
141	8232.15-141	-	(M3) GYPSUM WALLBOARD
142	8232.15-142	+	(M22) DUCT FELT TAPE
143	8232.15-143	-	(T8) LAGGING
144	8232.15-144	-	(T8) LAGGING

INVENTORY OF ASBESTOS SAMPLES

DRAWING REFERENCE	FIELD CODE	LAB RESULT	MATERIAL SAMPLED
21193.000-010	21193.000-010	(-)	PAINT
21193.000-011	21193.000-011	(-/-)	LAGGING
21193.000-012	21193.000-012	(-)	MASTIC
21193.000-013	21193.000-013	(-)	WINDOW GLAZING COMPOUND
21193.000-014	21193.000-014	(+)	SEALANT
21193.000-015	21193.000-015	(-)	SEALANT
21193.000-024	21193.000-024	(+/+)	VINYL FLOOR TILE CORE
21193.000-025	21193.000-025	(-)	FLOOR TILE

INVENTORY OF ASBESTOS SAMPLES (JULY 2018)

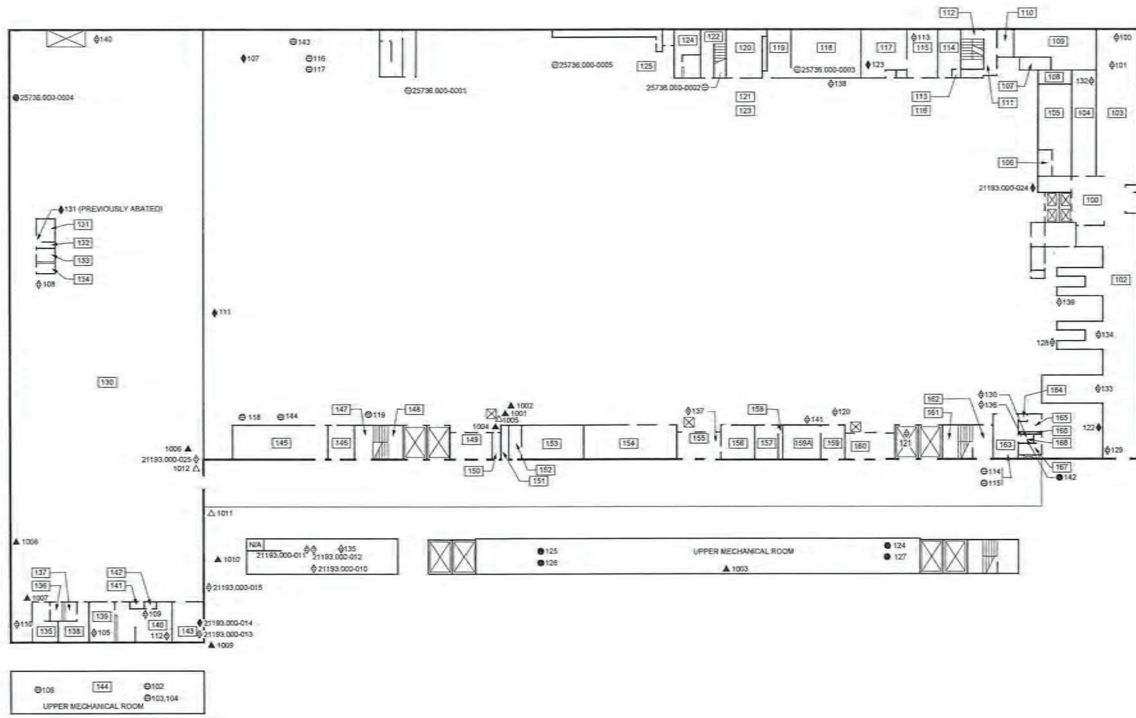
DRAWING REFERENCE	FIELD CODE	LAB RESULT	MATERIAL SAMPLED
25736.000-0001	25736.000-0001	(-)	HARD FITTINGS/FIBERGLASS
25736.000-0002	25736.000-0002	(-)	HARD FITTINGS/FIBERGLASS
25736.000-0003	25736.000-0003	(-)	HARD FITTINGS/FIBERGLASS
25736.000-0004	25736.000-0004	(+)	HARD FITTINGS/FIBERGLASS
25736.000-0005	25736.000-0005	(-)	DUCT SEALANT

LEAD SAMPLE SYMBOLS

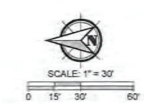
- △ 0007 — DRAWING REFERENCE TO LEAD SAMPLE FIELD CODE, SEE INVENTORY OF SAMPLES; MATERIAL SYMBOL
- ▲ LEAD DETECTED.
- △ BELOW THE LIMIT OF DETECTION.

INVENTORY OF AA LEAD SAMPLES

SAMPLE NUMBER	FIELD CODE	LAB RESULT (ppm)	MATERIAL DESCRIPTION
▲ 1001	21193.001-1001	118 ppm	SAFETY RAILING NEAR ROOM 151; 1ST FLOOR; METAL; YELLOW; FAIR/POOR CONDITION
▲ 1002	21193.001-1002	993 ppm	NEAR ROOM 151; 1ST FLOOR; BLUE; WALL; METAL; BLUE; FAIR CONDITION
▲ 1003	21193.001-1003	159 ppm	MECHANICAL ROOM; 1ST FLOOR; ROOM 171; WALL; CONCRETE; BLACK; GOOD CONDITION
▲ 1004	21193.001-1004	42,500 ppm	1ST FLOOR; NEAR ROOM 151; RED DOOR; DOOR JAMB; METAL; RED; GOOD CONDITION
△ 1005	21193.001-1005	<97.5 ppm	1ST FLOOR; NEAR ROOM 151; POST; POST; METAL; ORANGE; FAIR CONDITION
▲ 1006	21193.001-1006	518 ppm	1ST FLOOR; ROOM 130; COLUMN 21G; CONCRETE; WHITE; FAIR CONDITION
▲ 1007	21193.001-1007	2690 ppm	1ST FLOOR; ROOM 135A; CORNER; WALL; CONCRETE; LIGHT BLUE; FAIR CONDITION
▲ 1008	21193.001-1008	2390 ppm	1ST FLOOR; ROOM 130; TRUCK LOADING; DOORWAY; METAL; GREEN; FAIR CONDITION
▲ 1009	21193.001-1009	33,500 ppm	EXTERIOR; SE CORNER; ROOM 130; BUILDING CORNER; METAL; WHITE; POOR CONDITION
▲ 1010	21193.001-1010	27,000 ppm	EXTERIOR; SE CORNER ROOM 130; POST; METAL; YELLOW; FAIR CONDITION
△ 1011	21193.001-1011	<52.1 ppm	EXTERIOR; WEST END LOADING DOCK; COLUMN; CERAMIC GLAZE; FAIR CONDITION
△ 1012	21193.001-1012	<98.2 ppm	1ST FLOOR; ROOM 130; WEST OF LOADING DOCK; 1'X2' PANEL FLOORING; FLOOR; BLACK; GOOD CONDITION



FIRST FLOOR PLAN



PREPARED FOR: PROSPER PORTLAND

FULL SIZE SHEET FORMAT IS 24X36; IF PRINTED SIZE IS NOT 24X36, THEN THIS SHEET FORMAT HAS BEEN MODIFIED & INDICATED DRAWING SCALE IS NOT ACCURATE.

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ASBESTOS SURVEY PLAN
USPS PROCESSING AND DISTRIBUTION FACILITY
715 NW HOYT STREET, PORTLAND, OREGON

NO	REVISION	DATE	BY	APP'D

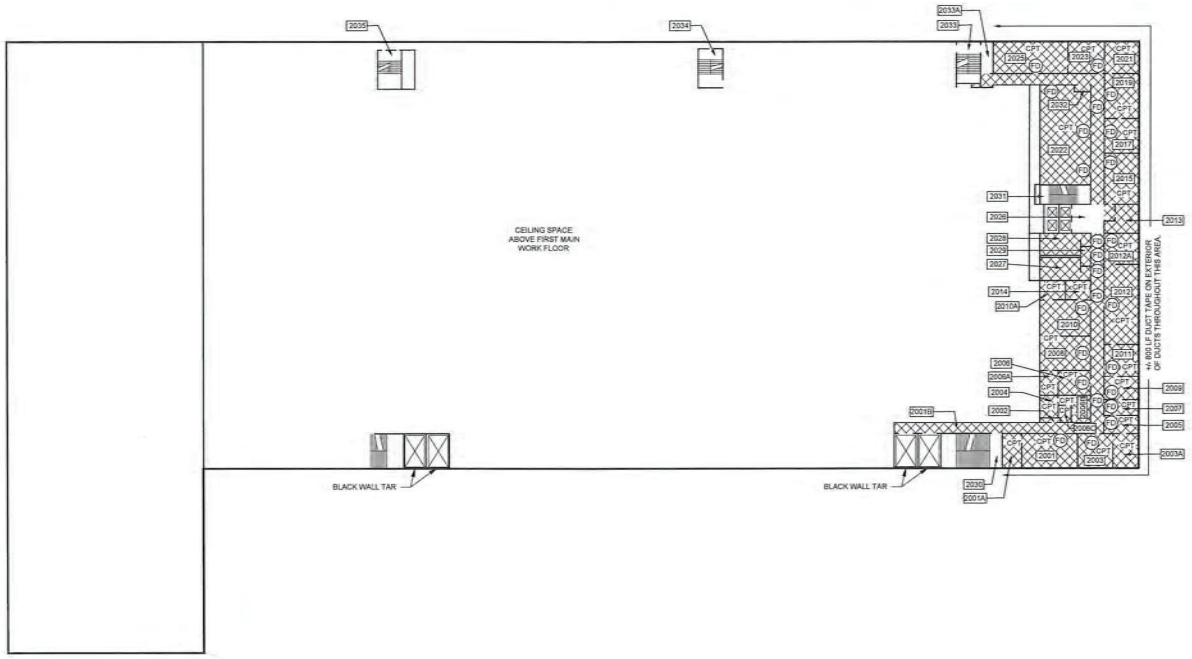
DRAWN BY: JAB
CHECKED: CN
DATE: JULY 2018
PROJECT NUMBER: 25736.000
FIGURE
ASB4
SHEET 4 OF 14

NOTES

1. THIS DRAWING IS DIAGRAMMATIC. IT IS FOR GENERAL INFORMATION AND MATERIAL LOCATION.

LEGEND

100	ROOM NUMBERS
CPT	CARPET ON FLOOR TILE
FD	FIRE DOOR
	ASBESTOS-CONTAINING FLOOR TILE AND MASTIC



SECOND FLOOR PLAN

SCALE: 1" = 30'

0 15' 30' 60'

PREPARED FOR: PROSPER PORTLAND

FULL SIZE SHEET FORMAT IS 24X36. IF PRINTED SIZE IS NOT 24X36, THEN THIS SHEET FORMAT HAS BEEN MODIFIED & INDICATED DRAWING SCALE IS NOT ACCURATE.

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USPS PROCESSING AND DISTRIBUTION FACILITY

715 NW HOYT STREET, PORTLAND, OREGON

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DRAWN BY: JAB

CHECKED: CN

DATE: JULY 2018

PROJECT NUMBER: 25736.000

FIGURE

ASB5

SHEET 5 OF 14

NOTES

1. THIS DRAWING IS DIAGRAMMATIC. IT IS FOR GENERAL INFORMATION AND SAMPLE LOCATION.
2. ACCESSIBLE SPACES WERE SURVEYED FOR SUSPECT ASBESTOS MATERIALS. WHEN OBSERVED THE MATERIALS WERE NOTED ON THE DRAWINGS.

LEGEND

100 ROOM NUMBERS

◊7 DRAWING REFERENCE. TO BULK SAMPLE FIELD CODE, SEE INVENTORY OF SAMPLES
MATERIAL SYMBOL

ASBESTOS SAMPLE SYMBOLS

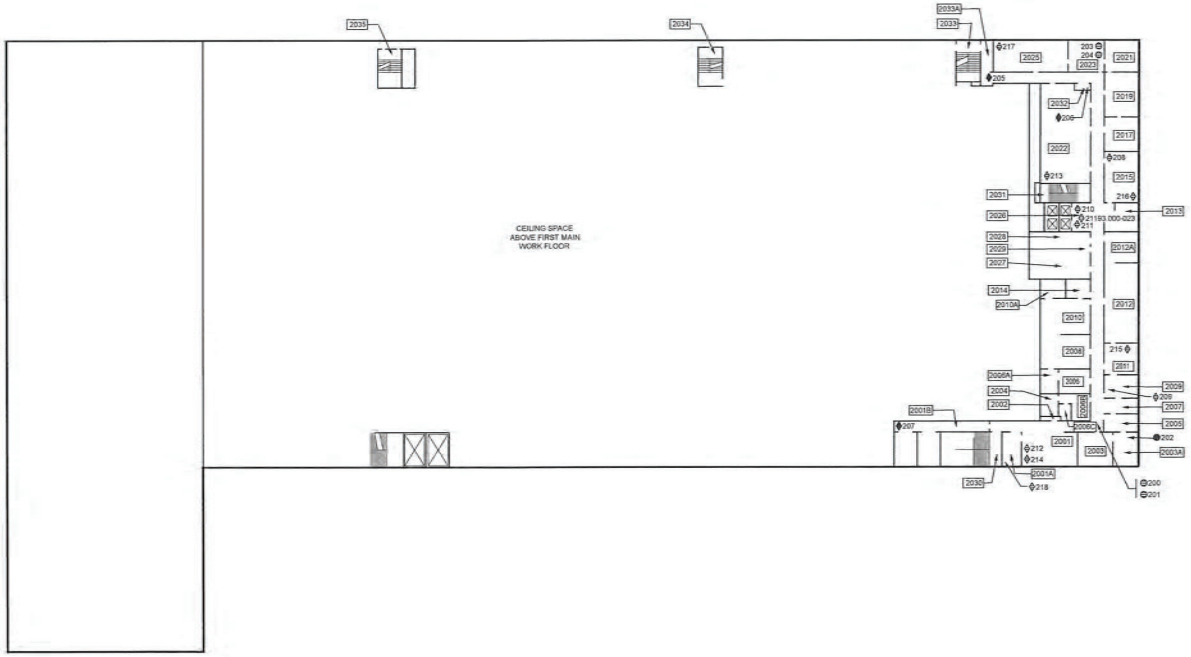
NOT TESTED	NEGATIVE −	POSITIVE +	
○	⊖	●	MECHANICAL INSULATION
□	▤	■	SURFACING MATERIAL
◊	◈	◆	MISCELLANEOUS MATERIAL

INVENTORY OF ASBESTOS SAMPLES

DRAWING REFERENCE	FIELD CODE	LAB RESULT	MATERIAL SAMPLED
⊖ 200	8232.15-200	-	(T2) HARD FITTINGS/FIBERGLASS
⊖ 201	8232.15-201	-	(T2) HARD FITTINGS/FIBERGLASS
● 202	8232.15-202	+	(M21) DUCT FELT TAPE
⊖ 203	8232.15-203	-	(T2) HARD FITTINGS/FIBERGLASS
⊖ 204	8232.15-204	-	(T2) HARD FITTINGS/FIBERGLASS
◆ 205	8232.15-205	+/+	(M7) VINYL FLOOR TILE (1)
◆ 206	8232.15-206	+/+	(M7) VINYL FLOOR TILE (1)
◆ 207	8232.15-207	+/+	(M7) VINYL FLOOR TILE (2)
◈ 208	8232.15-208	-	(M17) COVEBASE/MASTIC (1)
◈ 209	8232.15-209	-	(M17) COVEBASE/MASTIC (3)
◈ 210	8232.15-210	-	(M9) LAY-IN CEILING TILE (1)
◈ 211	8232.15-211	-	(M9) LAY-IN CEILING TILE (1)
◈ 212	8232.15-212	-	(M17) COVEBASE/MASTIC (2)
◈ 213	8232.15-213	-	(M17) COVEBASE/MASTIC (4)
◈ 214	8232.15-214	-	(M3) GYPSUM WALLBOARD/PANELS
◈ 215	8232.15-215	-	(M3) GYPSUM WALLBOARD/PANELS
◈ 216	8232.15-216	-	(M3) GYPSUM WALLBOARD/PANELS
◈ 217	8232.15-217	-	(M12) WALL AND CEILING PLASTER
◈ 218	8232.15-218	-	(M12) WALL AND CEILING PLASTER

INVENTORY OF ASBESTOS SAMPLES

DRAWING REFERENCE	FIELD CODE	LAB RESULT	MATERIAL SAMPLED
◈ 21193.000-023	21193.000-023	(-/+)	VINYL FLOOR TILE CORE



SECOND FLOOR PLAN

SCALE: 1" = 30'
0 15' 30' 60'

PREPARED FOR: PROSPER PORTLAND

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ASBESTOS SURVEY PLAN

USPS PROCESSING AND DISTRIBUTION FACILITY

715 NW HOYT STREET, PORTLAND, OREGON

NO	REVISION	DATE	BY	APP'D

DRAWN BY: JAB
CHECKED: CN
DATE: JULY 2018
PROJECT NUMBER: 25736.000
FIGURE: ASB6
SHEET 6 OF 14

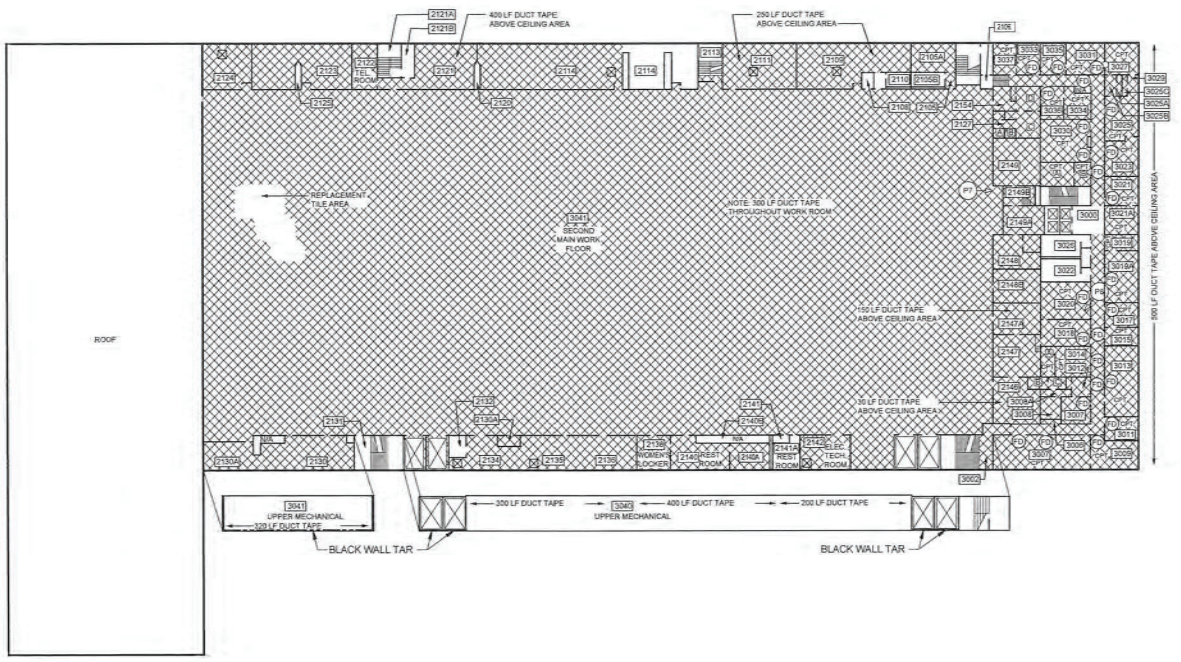
FULL SIZE SHEET FORMAT IS 24X36. IF PRINTED SIZE IS NOT 24X36, THEN THIS SHEET FORMAT HAS BEEN MODIFIED & INDICATED DRAWING SCALE IS NOT ACCURATE.

NOTES:

1. THIS DRAWING IS DIAGRAMMATIC. IT IS FOR GENERAL INFORMATION AND MATERIAL LOCATION

LEGEND:

100	ROOM NUMBERS
N/A	NOT ACCESSIBLE TO SURVEY TEAM
CPT	CARPET ON FLOOR TILE
FD	FIRE DOOR
P1	PHOTO NUMBER, LOCATION AND DIRECTION
	MECHANICAL ROOM ACCESS
	ASBESTOS-CONTAINING FLOOR TILE AND MASTIC



THIRD FLOOR PLAN

SCALE: 1" = 30'

0 15' 30' 60'

PREPARED FOR: PROSPER PORTLAND

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ASBESTOS SURVEY PLAN

USPS PROCESSING AND DISTRIBUTION FACILITY

715 NW HOYT STREET, PORTLAND, OREGON

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DRAWN BY: JAB
CHECKED: CN
DATE: JULY 2018
PROJECT NUMBER: 25736.000
FIGURE: ASB7
SHEET 7 OF 14

FULL SIZE SHEET FORMAT IS 24X36. IF PRINTED SIZE IS NOT 24X36, THEN THIS SHEET FORMAT HAS BEEN MODIFIED & INDICATED DRAWING SCALE IS NOT ACCURATE.

Filename: L:\Projects\25000\25700\25736_USPSHazMatRfp\Update\CN\02\25736.000_ASB7_3rd_MATERIAL.dwg Layout Tab: LAYOUT1 User: Jim Blaho CAD File Date/Time: 7/17/2018 4:18:43 PM

NOTES

1. THIS DRAWING IS DIAGRAMMATIC. IT IS FOR GENERAL INFORMATION AND SAMPLE LOCATION.
2. ACCESSIBLE SPACES WERE SURVEYED FOR SUSPECT ASBESTOS MATERIALS. WHEN OBSERVED THE MATERIALS WERE NOTED ON THE DRAWINGS.

LEGEND

- 100 — ROOM NUMBERS
- DRAWING REFERENCE TO BULK SAMPLE FIELD CODE, SEE INVENTORY OF SAMPLES / MATERIAL SYMBOL
- N/A — NOT ACCESSIBLE TO SURVEY TEAM
- ⊠ — MECHANICAL ROOM ACCESS

ASBESTOS SAMPLE SYMBOLS

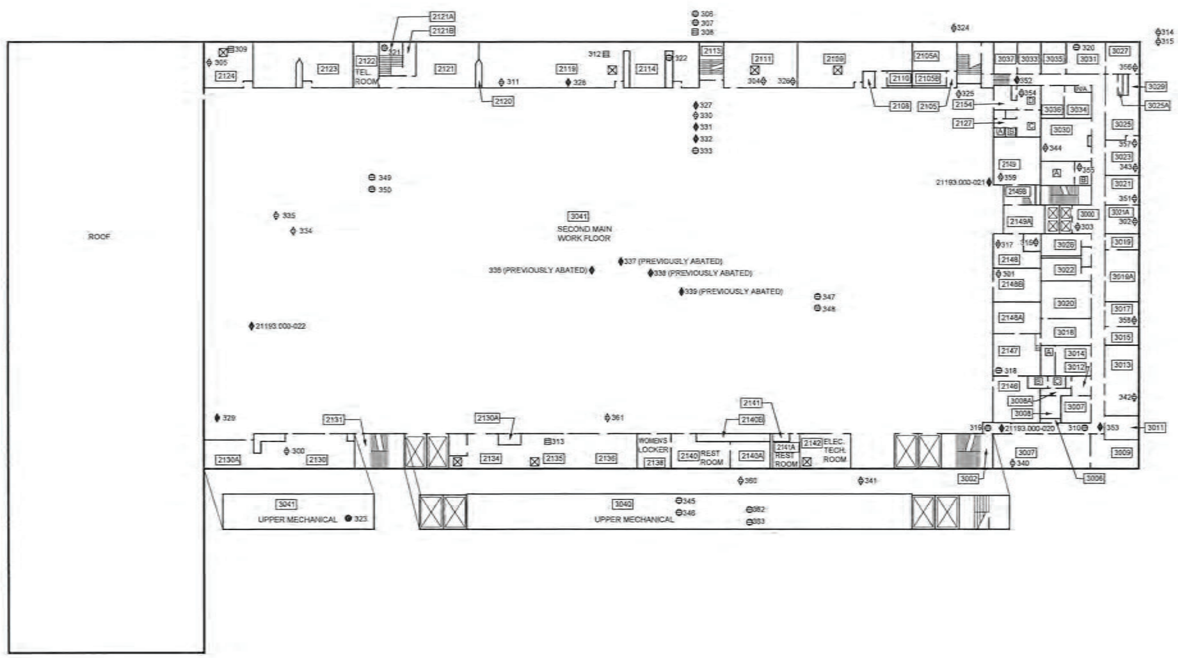
NOT TESTED	NEGATIVE −	POSITIVE +	
○	⊖	●	MECHANICAL INSULATION
□	⊟	■	SURFACING MATERIAL
◊	⬖	◆	MISCELLANEOUS MATERIAL

INVENTORY OF ASBESTOS SAMPLES

DRAWING REFERENCE	FIELD CODE	LAB RESULT	MATERIAL SAMPLED
300	8232.15-300	-	(M9) LAY-IN CEILING TILE (3)
301	8232.15-301	-	(M9) LAY-IN CEILING TILE (3)
302	8232.15-302	-	(M9) LAY-IN CEILING TILE (1)
303	8232.15-303	-	(M9) LAY-IN CEILING TILE (1)
304	8232.15-304	-	(M9) GLUED-ON CEILING TILES (1)
305	8232.15-305	-	(M9) GLUED-ON CEILING TILES (1)
306	8232.15-306	-	(M22) DUCT FELT TAPE
307	8232.15-307	-	(T4) MECHANICAL ISOLATION CLOTH
308	8232.15-308	-	(S2) WALL AND CEILING PLASTER (SPRAY-ON)
309	8232.15-309	-	(S2) WALL AND CEILING PLASTER (SPRAY-ON)
310	8232.15-310	-	(T2) HARD FITTINGS/FIBERGLASS
311	8232.15-311	-	(M12) WALL AND CEILING PLASTER (2)
312	8232.15-312	-	(S2) WALL AND CEILING PLASTER (SPRAY-ON)(1)
313	8232.15-313	-	(S2) WALL AND CEILING PLASTER (SPRAY-ON)(2)
314	8232.15-314	-	(M9) LAY-IN CEILING TILE (2)
315	8232.15-315	-	(M9) LAY-IN CEILING TILE (2)
316	8232.15-316	-	(M9) LAY-IN CEILING TILE (4)
317	8232.15-317	-	(M9) LAY-IN CEILING TILE (4)
318	8232.15-318	-	(T2) HARD FITTINGS/FIBERGLASS
319	8232.15-319	-	(T2) HARD FITTINGS/FIBERGLASS
320	8232.15-320	-	(T2) HARD FITTINGS/FIBERGLASS
321	8232.15-321	-	(T2) HARD FITTINGS/FIBERGLASS
322	8232.15-322	-	(T2) HARD FITTINGS/FIBERGLASS
323	8232.15-323	+	(M23) BLACK WALL TAR
324	8232.15-324	-	(M22) STAIR TREAD NOSING
325	8232.15-325	-	(M22) STAIR RISER COVERING
326	8232.15-326	-	(M17) COVEBASE/MASTIC
327	8232.15-327	+/+	(M7) VINYL FLOOR TILE (3)
328	8232.15-328	+/+	(M7) VINYL FLOOR TILE (2)
329	8232.15-329	+/+	(M7) VINYL FLOOR TILE (2)
330	8232.15-330	-	(M23) SUB-FLOOR
331	8232.15-331	+/+	(M7) VINYL FLOOR TILE (5)
332	8232.15-332	+/+	(M7) VINYL FLOOR TILE (4)
333	8232.15-333	-	(T8) LAGGING
334	8232.15-334	-	(M7) VINYL FLOOR TILE (6)
335	8232.15-335	-	(M7) VINYL FLOOR TILE (7)
336	8232.15-336	+/+	(M6) VINYL FLOOR TILE (8)
337	8232.15-337	+/+	(M6) VINYL FLOOR TILE (9)
338	8232.15-338	+/+	(M6) VINYL FLOOR TILE (10)
339	8232.15-339	+/+	(M6) VINYL FLOOR TILE (11)
340	8232.15-340	-	(M3) GYPSUM WALLBOARD/JOINT COMP
341	8232.15-341	-	(M3) GYPSUM WALLBOARD/JOINT COMP
342	8232.15-342	-	(M3) GYPSUM WALLBOARD/JOINT COMP
343	8232.15-343	-	(M3) GYPSUM WALLBOARD/JOINT COMP
344	8232.15-344	-	(M3) GYPSUM WALLBOARD/JOINT COMP
345	8232.15-345	-	(T2) HARD FITTINGS/FIBERGLASS
346	8232.15-346	-	(T2) HARD FITTINGS/FIBERGLASS
347	8232.15-347	-	(T2) HARD FITTINGS/FIBERGLASS
348	8232.15-348	-	(T2) HARD FITTINGS/FIBERGLASS
349	8232.15-349	-	(T2) HARD FITTINGS/FIBERGLASS
350	8232.15-350	-	(T2) HARD FITTINGS/FIBERGLASS
351	8232.15-351	-	(M17) COVEBASE/MASTIC
352	8232.15-352	+/+	(M7) VINYL FLOOR TILE (1)
353	8232.15-353	+/+	(M7) VINYL FLOOR TILE (1)
354	8232.15-354	-	(M17) COVEBASE/MASTIC (1)
355	8232.15-355	-	(M17) COVEBASE/MASTIC (2)
356	8232.15-356	-	(M17) COVEBASE/MASTIC (3)
357	8232.15-357	-	(M17) COVEBASE/MASTIC (4)
358	8232.15-358	-	(M17) COVEBASE/MASTIC (8)
359	8232.15-359	-	(M17) COVEBASE/MASTIC (7)
360	8232.15-360	-	(M17) COVEBASE/MASTIC (6)
361	8232.15-361	-	(M17) COVEBASE/MASTIC (9)
362	8232.15-362	-	(T8) LAGGING
363	8232.15-363	-	(T8) LAGGING

INVENTORY OF ASBESTOS SAMPLES

DRAWING REFERENCE	FIELD CODE	LAB RESULT	MATERIAL SAMPLED
21193.000-020	21193.000-020	(+/+)	VINYL FLOOR TILE CORE
21193.000-021	21193.000-021	(+/+)	VINYL FLOOR TILE CORE
21193.000-022	21193.000-022	(+/+)	VINYL FLOOR TILE CORE



THIRD FLOOR PLAN

PREPARED FOR: PROSPER PORTLAND

FULL SIZE SHEET FORMAT IS 24X36; IF PRINTED SIZE IS NOT 24X36, THEN THIS SHEET FORMAT HAS BEEN MODIFIED & INDICATED DRAWING SCALE IS NOT ACCURATE.

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ASBESTOS SURVEY PLAN

USPS PROCESSING AND DISTRIBUTION FACILITY

715 NW HOYT STREET, PORTLAND, OREGON

NO	REVISION	DATE	BY	APP'D

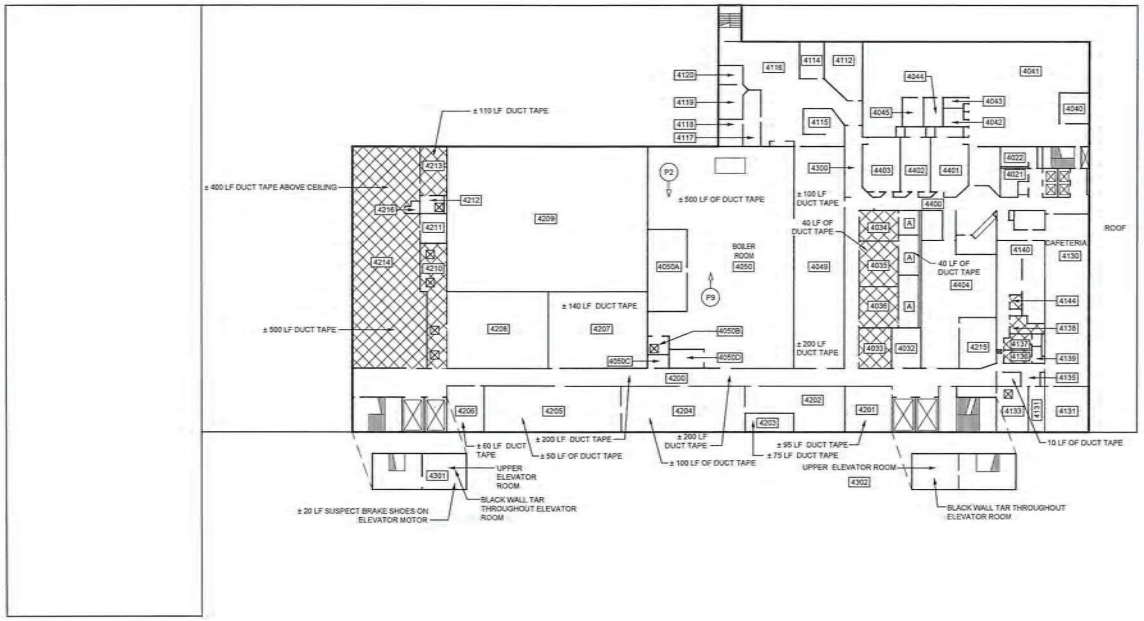
DRAWN BY: JAB
CHECKED: CN
DATE: JULY 2018
PROJECT NUMBER: 25736.000
FIGURE: ASB8
SHEET 8 OF 14

NOTES

1. THIS DRAWING IS DIAGRAMMATIC. IT IS FOR GENERAL INFORMATION AND MATERIAL LOCATION.

LEGEND

- 100 — ROOM NUMBERS
- ⊠ — MECHANICAL ROOM ACCESS
- ASBESTOS-CONTAINING FLOOR TILE AND MASTIC
- P1 — PHOTO NUMBER, LOCATION AND DIRECTION



FOURTH FLOOR PLAN

SCALE: 1" = 30'

0 15' 30' 60'

PREPARED FOR: PROSPER PORTLAND

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ASBESTOS SURVEY PLAN

USPS PROCESSING AND DISTRIBUTION FACILITY

715 NW HOYT STREET, PORTLAND, OREGON

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DRAWN BY: JAB
CHECKED: CN
DATE: JULY 2018
PROJECT NUMBER: 25736.000
FIGURE: ASB9
SHEET 9 OF 14

FULL SIZE SHEET FORMAT IS 24X36. IF PRINTED SIZE IS NOT 24X36, THEN THIS SHEET FORMAT HAS BEEN MODIFIED & INDICATED DRAWING SCALE IS NOT ACCURATE.

Rename: L:\Projects\25000\25700\25736\000\25736_000_ASBS_4TH_MATERIAL.dwg Layout Tab: LAYOUT1 User: Jim Blanco CAD Plot Date/Time: 7/17/2018 4:21:32 PM

NOTES

1. THIS DRAWING IS DIAGRAMMATIC. IT IS FOR GENERAL INFORMATION AND SAMPLE LOCATION.
2. ACCESSIBLE SPACES WERE SURVEYED FOR SUSPECT ASBESTOS MATERIALS. WHEN OBSERVED THE MATERIALS WERE NOTED ON THE DRAWINGS.

LEGEND

- 100 — ROOM NUMBERS
- ◊7 — DRAWING REFERENCE TO BULK SAMPLE FIELD CODE, SEE INVENTORY OF SAMPLES
- MATERIAL SYMBOL
- ⊠ — MECHANICAL ROOM ACCESS

ASBESTOS SAMPLE SYMBOLS

NOT TESTED	NEGATIVE (−)	POSITIVE (+)	
○	⊖	●	MECHANICAL INSULATION
□	⊟	■	SURFACING MATERIAL
◊	◈	◆	MISCELLANEOUS MATERIAL

INVENTORY OF ASBESTOS SAMPLES

DRAWING REFERENCE	FIELD CODE	LAB RESULT	MATERIAL SAMPLED
◈ 491	8232.15- 401	-	(M7) LAY-IN CEILING TILE (1)
⊖ 402	8232.15- 402	-	(M10) VINYL FLOOR TILE (7)
⊖ 403	8232.15- 403	-	(M22) DUCT FELT TAPE
● 404	8232.15- 404	+	(M22) DUCT FELT TAPE
⊖ 405	8232.15- 405	-	(T2) HARD FITTINGS/FIBERGLASS
⊖ 406	8232.15- 406	-	(T2) HARD FITTINGS/FIBERGLASS
● 407	8232.15- 407	+	(T8) LAGGING
⊖ 408	8232.15- 408	-	(T4) MECHANICAL ISOLATION CLOTH (1)
⊖ 409	8232.15- 409	-	(T2) HARD FITTINGS/FIBERGLASS (2)
⊖ 410	8232.15- 410	-	(T2) HARD FITTINGS/FIBERGLASS
⊖ 411	8232.15- 411	-	(T2) HARD FITTINGS/FIBERGLASS
⊖ 412	8232.15- 412	-	(T2) HARD FITTINGS/FIBERGLASS
⊖ 413	8232.15- 413	-	(T8) LAGGING
⊖ 414	8232.15- 414	-	(T4) MECHANICAL ISOLATION CLOTH (1)
⊖ 415	8232.15- 415	-	(T4) MECHANICAL ISOLATION CLOTH (2)
⊖ 416	8232.15- 416	-	(T4) MECHANICAL ISOLATION CLOTH (2)
⊖ 417	8232.15- 417	-	(T2) HARD FITTINGS/FIBERGLASS
⊖ 418	8232.15- 418	-	(T2) HARD FITTINGS/FIBERGLASS
⊖ 419	8232.15- 419	-	(T2) HARD FITTINGS/FIBERGLASS
⊖ 420	8232.15- 420	-	(T2) HARD FITTINGS/FIBERGLASS
⊖ 421	8232.15- 421	-	(T8) LAGGING
⊖ 422	8232.15- 422	-	(T6) MAG BLOCK INSULATION
⊖ 423	8232.15- 423	-	(T6) MAG BLOCK INSULATION
⊖ 424	8232.15- 424	-	(T2) HARD FITTINGS/FIBERGLASS
⊟ 425	8232.15- 425	-	(S2) SPRAYED FIBROUS FIREPROOFING
⊟ 426	8232.15- 426	-	(S2) SPRAYED FIBROUS FIREPROOFING
⊟ 427	8232.15- 427	-	(S2) SPRAYED FIBROUS FIREPROOFING
◈ 428	8232.15- 428	-	(M9) LAY-IN CEILING TILE (1)
◈ 429	8232.15- 429	-	(M9) LAY-IN CEILING TILE (1)
◈ 430	8232.15- 430	-	(M9) LAY-IN CEILING TILE (2)
◈ 431	8232.15- 431	-	(M9) LAY-IN CEILING TILE (3)
◈ 432	8232.15- 432	-	(M9) LAY-IN CEILING TILE (3)
◈ 433	8232.15- 433	-	(M9) LAY-IN CEILING TILE (4)
◈ 434	8232.15- 434	-	(M9) LAY-IN CEILING TILE (4)
◈ 435	8232.15- 435	-	(M17) COVEBASE/MASTIC (7)
⊖ 436	8232.15- 436	-	(T8) LAGGING
⊖ 437	8232.15- 437	-	(T8) LAGGING
● 438	8232.15- 438	+	(M22) DUCT FELT TAPE
⊖ 439	8232.15- 439	-	(T2) HARD FITTINGS/FIBERGLASS
◈ 440	8232.15- 440	-	(M17) COVEBASE/MASTIC (7)
◈ 441	8232.15- 441	-	(M6) VINYL FLOOR TILE (10)
◈ 442	8232.15- 442	-	(M6) VINYL FLOOR TILE (11)
◈ 443	8232.15- 443	-	(M17) COVEBASE/MASTIC (3)
◆ 444	8232.15- 444	+/+	(M7) VINYL FLOOR TILE (3)
◆ 445	8232.15- 445	+/+	(M7) VINYL FLOOR TILE (4)
◈ 446	8232.15- 446	-	(M6) VINYL FLOOR TILE (1)
◈ 447	8232.15- 447	-	(M7) VINYL FLOOR TILE (2)
◈ 448	8232.15- 448	-	(M10) VINYL FLOOR TILE (7)
◈ 449	8232.15- 449	-	(M3) GYPSUM WALLBOARD
◈ 450	8232.15- 450	-	(M3) GYPSUM WALLBOARD
◈ 451	8232.15- 451	-	(M3) GYPSUM WALLBOARD
◈ 452	8232.15- 452	-	(M17) COVEBASE/MASTIC (6)
◈ 453	8232.15- 453	-	(M17) COVEBASE/MASTIC (4)
◈ 454	8232.15- 454	-	(M17) COVEBASE/MASTIC (5)
◈ 455	8232.15- 455	-	(M8) VINYL FLOOR TILE (10)
◈ 456	8232.15- 456	-	(M8) VINYL FLOOR TILE (9)
◈ 457	8232.15- 457	-	(M17) COVEBASE/MASTIC (6)
◈ 458	8232.15- 458	-	(M17) COVEBASE/MASTIC (3)
◈ 459	8232.15- 459	-	(M7) VINYL FLOOR TILE (5)
◈ 460	8232.15- 460	-	(M9) LAY-IN CEILING TILE (5)

INVENTORY OF ASBESTOS SAMPLES

DRAWING REFERENCE	FIELD CODE	LAB RESULT	MATERIAL SAMPLED
● 700	8232.15- 700	+	(M22) BLACK WALL TAR
● 701	8232.15- 701	+	(M22) BLACK WALL TAR
⊖ 702	8232.15- 702	-	(T2) HARD FITTINGS/FIBERGLASS
○ 703	8232.15- 703	-	(M23) MATERIAL DEBRIS
● 704	8232.15- 704	+	(M22) BLACK WALL TAR

FULL SIZE SHEET FORMAT IS 24X36. IF PRINTED SIZE IS NOT 24X36, THEN THIS SHEET FORMAT HAS BEEN MODIFIED & INDICATED DRAWING SCALE IS NOT ACCURATE.

INVENTORY OF ASBESTOS SAMPLES

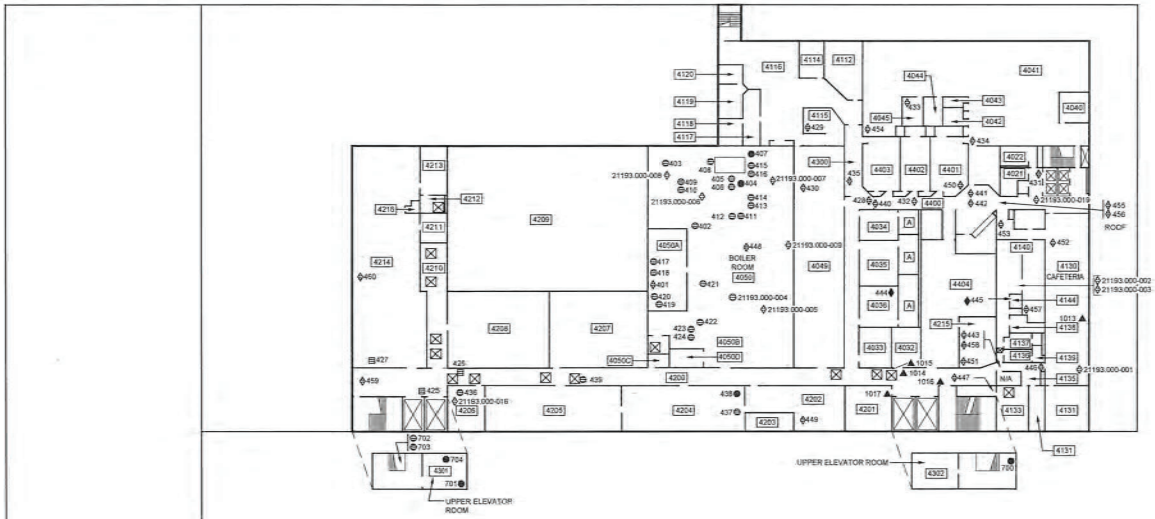
DRAWING REFERENCE	FIELD CODE	LAB RESULT	MATERIAL SAMPLED
◊21193.000-001	21193.000-001	(-)	TERRAZZO
◊21193.000-002	21193.000-002	(-/+/-)	MASTIC
◊21193.000-003	21193.000-003	(-/+/-)	MASTIC
⊖21193.000-004	21193.000-004	(-/-)	TANK INSULATION
⊖21193.000-005	21193.000-005	(-/-)	END CAP
◊21193.000-006	21193.000-006	(-)	MASTIC
◊21193.000-007	21193.000-007	(-/-)	LAGGING
◊21193.000-008	21193.000-008	(-/-)	LAGGING
◊21193.000-009	21193.000-009	(-)	PAINT
◊21193.000-016	21193.000-016	(-/-)	VINYL FLOOR TILE/MASTIC
◊21193.000-019	21193.000-019	(-/-/-)	VINYL FLOOR TILE CORE

LEAD SAMPLE SYMBOLS

- △ 0007 — DRAWING REFERENCE TO LEAD SAMPLE FIELD CODE, SEE INVENTORY OF SAMPLES
- MATERIAL SYMBOL
- ▲ LEAD DETECTED.
- △ BELOW THE LIMIT OF DETECTION.

INVENTORY OF AA LEAD SAMPLES

SAMPLE NUMBER	FIELD CODE	LAB RESULT (ppm)	MATERIAL DESCRIPTION
▲ 1013	21193.001-1013	1900 ppm	4TH FLOOR CAFETERIA; ROOM 4130; HEATER; METAL; WHITE; GOOD CONDITION
▲ 1014	21193.001-1014	7950 ppm	4TH FLOOR HALL AT ROOM 4032; DOOR; METAL; TAN; GOOD CONDITION
▲ 1015	21193.001-1015	778 ppm	4TH FLOOR HALL AT ROOM 4032; WALL; CMU; WHITE; GOOD CONDITION
▲ 1016	21193.001-1016	33,900 ppm	4TH FLOOR DOOR TO STAIRS AT ROOM 4032; DOOR FRAME; METAL; RED; GOOD CONDITION
▲ 1017	21193.001-1017	5040 ppm	4TH FLOOR; ROOM 4201; DOOR FRAME; METAL; BLUE; GOOD CONDITION



FOURTH FLOOR PLAN

SCALE: 1" = 30'
0 15' 30' 60'

PREPARED FOR: PROSPER PORTLAND

PBS Engineering and Environmental Inc.
4412 SW Corbett Avenue
Portland, OR 97239
503.248.1939
pbsusa.com

PBS

ASBESTOS SURVEY PLAN

USPS PROCESSING AND DISTRIBUTION FACILITY

715 NW HOYT STREET, PORTLAND, OREGON

NO	REVISION	DATE	BY	APP'D

DRAWN BY: JAB
CHECKED: CN
DATE: JULY 2018
PROJECT NUMBER: 25736.000
FIGURE: ASB10
SHEET 10 OF 14

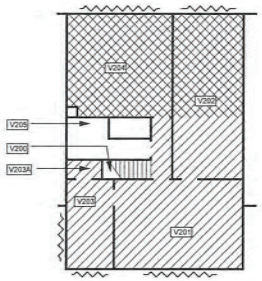
Filename: L:\Projects\25000s\25700s\25736\25736_USPSHazMatBldg\plotdir\DWG\25736_000_ASB10_4TH_SAMPLE.dwg Layout Tab: LAYOUT1 User: Jim Blaine CAD Plot Date/Time: 7/17/2018 4:32:05 PM

NOTES

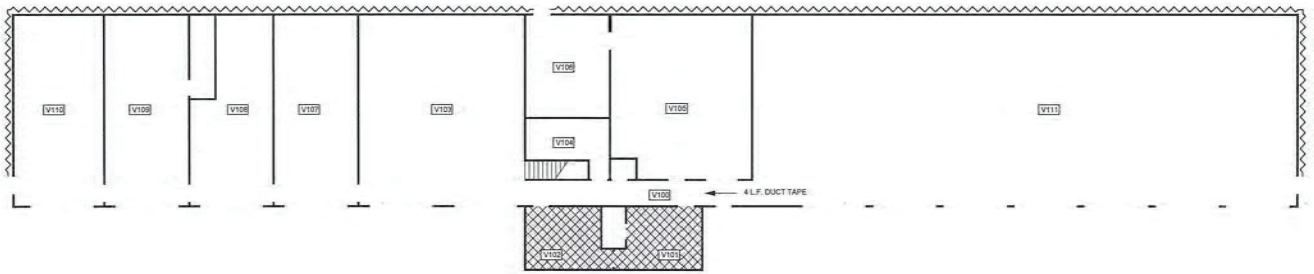
1. THIS DRAWING IS DIAGRAMMATIC. IT IS FOR GENERAL INFORMATION AND SAMPLE LOCATION.

LEGEND

- 100 — ROOM NUMBERS
- ASBESTOS-CONTAINING FLOOR TILE AND MASTIC
- ASBESTOS-CONTAINING FLOOR TILE
- 2-LAYERS OF ASBESTOS-CONTAINING FLOOR TILE AND MASTIC
- WINDOWS WITH ASBESTOS-CONTAINING SEALANT



SECOND FLOOR PLAN



VEHICLE MAINTENANCE FACILITY FIRST FLOOR PLAN

SCALE: 1" = 10'
0 5' 10' 20'

PREPARED FOR: PROSPER PORTLAND

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ASBESTOS SURVEY PLAN

USPS PROCESSING AND DISTRIBUTION FACILITY

715 NW HOYT STREET, PORTLAND, OREGON

NO	REVISION	DATE	BY	APP'D

DRAWN BY: JAB
CHECKED: CN
DATE: JULY 2018
PROJECT NUMBER: 25736.000
FIGURE: ASB11
SHEET 11 OF 14

FULL SIZE SHEET FORMAT IS 24X36; IF PRINTED SIZE IS NOT 24X36, THEN THIS SHEET FORMAT HAS BEEN MODIFIED & INDICATED DRAWING SCALE IS NOT ACCURATE.

Filename: L:\Projects\25000\25700\25736_USPSHazMatRdy\data\CAD\25736.000_ASB11_VEHICAL_MATERIAL.dwg Layout Tab: LAYOUT1 User: Jim Blanco CAD Plot Date/Time: 7/17/2018 4:22:34 PM

NOTES

1. THIS DRAWING IS DIAGRAMMATIC. IT IS FOR GENERAL INFORMATION AND SAMPLE LOCATION.
2. ACCESSIBLE SPACES WERE SURVEYED FOR SUSPECT ASBESTOS MATERIALS; WHEN OBSERVED THE MATERIALS WERE NOTED ON THE DRAWINGS.

LEGEND

[100] ROOM NUMBERS

7 ← DRAWING REFERENCE TO BULK SAMPLE FIELD CODE, SEE INVENTORY OF SAMPLES

MATERIAL SYMBOL

INVENTORY OF ASBESTOS SAMPLES

DRAWING REFERENCE	FIELD CODE	LAB RESULT	MATERIAL SAMPLED
501	8232.15-501	-	(T6) BOILER INSULATION - CEMENTITIOUS
502	8232.15-502	-	(T6) BOILER INSULATION - CEMENTITIOUS
503	8232.15-503	-	(T2) HARD FITTINGS/FIBERGLASS
504	8232.15-504	-	(T7) BOILER BREECHING
505	8232.15-505	+	(T1) GASKET MATERIAL
506	8232.15-506	+/+	(M7) VINYL FLOOR TILE (4)
507	8232.15-507	-	(T2) HARD FITTINGS/FIBERGLASS
508	8232.15-508	+/-	(M7) VINYL FLOOR TILE (3)
509	8232.15-509	-	(M17) COVEBASE/MASTIC (1)
510	8232.15-510	-	(T8) LAGGING
511	8232.15-511	-	(M9) LAY-IN CEILING TILE (1)
512	8232.15-512	-	(M9) LAY-IN CEILING TILE (1)
513	8232.15-513	-	(M9) LAY-IN CEILING TILE (1)
514	8232.15-514	+/+	(M7) VINYL FLOOR TILE (2)
515	8232.15-515	+/+	(M6) VINYL FLOOR TILE (1)
516	8232.15-516	-	(M17) COVEBASE/MASTIC (2)
517	8232.15-517	-	(T8) LAGGING
518	8232.15-518	-	(T8) LAGGING
519	8232.15-519	-	(T2) HARD FITTINGS/FIBERGLASS
520	8232.15-520	-	(T2) HARD FITTINGS/FIBERGLASS
521	8232.15-521	+	(M21) DUCT FELT TAPE
522	8232.15-522	-	(M3) GYPSUM WALLBOARD
523	8232.15-523	-	(M3) PLASTER/GYPSUM COMPOUND

INVENTORY OF ASBESTOS SAMPLES

DRAWING REFERENCE	FIELD CODE	LAB RESULT	MATERIAL SAMPLED
21193.000-017	21193.000-017	(-)	WINDOW GLAZING COMPOUND
21193.000-018	21193.000-018	(+)	SEALANT
21193.000-026	21193.000-026	(+/+/+/+)	VINYL FLOOR TILE CORE

LEAD SAMPLE SYMBOLS

△ 0007 — DRAWING REFERENCE TO LEAD SAMPLE FIELD CODE, SEE INVENTORY OF SAMPLES

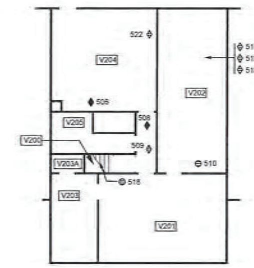
MATERIAL SYMBOL

▲ LEAD DETECTED.

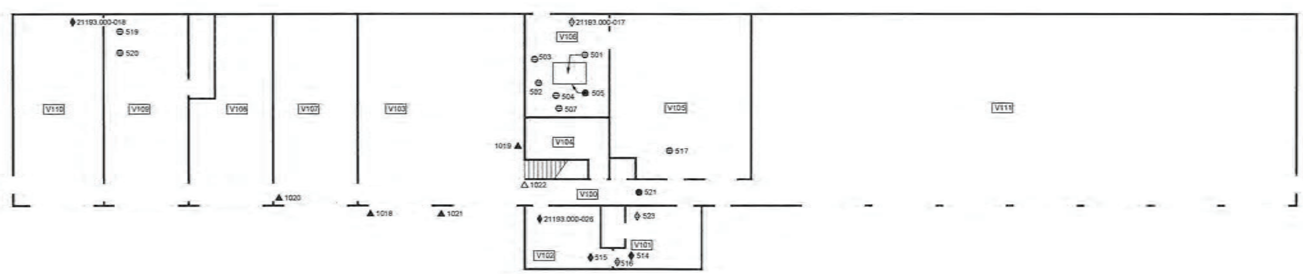
△ BELOW THE LIMIT OF DETECTION.

INVENTORY OF AA LEAD SAMPLES

SAMPLE NUMBER	FIELD CODE	LAB RESULT (ppm)	MATERIAL DESCRIPTION
▲ 1018	21193.001-1018	446 ppm	VEHICLE MAINTENANCE; GARAGES; EXTERIOR; DOOR FRAME; METAL; ORANGE; POOR CONDITION
▲ 1019	21193.001-1019	1970 ppm	VEHICLE MAINTENANCE; GARAGES; V103; INTERIOR; WALL; CMU; ORANGE; FAIR CONDITION
▲ 1020	21193.001-1020	18,700 ppm	VEHICLE MAINTENACE; GARAGES; BETWEEN V108 EXTERIOR AND V107; COLUMN; METAL; BLUE; GOOD CONDITION
▲ 1021	21193.001-1021	28,100 ppm	VEHICLE MAINTENANCE; GARAGES; EXTERIOR; V103; WALL; CMU; WHITE; FAIR CONDITION
△ 1022	21193.001-1022	<95.8 ppm	VEHICLE MAINTENANCE; WALL; CMU; WHITE; FAIR CONDITION



SECOND FLOOR PLAN



VEHICLE MAINTENANCE FACILITY FIRST FLOOR PLAN

SCALE: 1" = 10'

0 5' 10' 20'

PREPARED FOR: PROSPER PORTLAND

FULL SIZE SHEET FORMAT IS 24X36; IF PRINTED SIZE IS NOT 24X36, THEN THIS SHEET FORMAT HAS BEEN MODIFIED & INDICATED DRAWING SCALE IS NOT ACCURATE.

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ASBESTOS SURVEY PLAN

USPS PROCESSING AND DISTRIBUTION FACILITY

715 NW HOYT STREET, PORTLAND, OREGON

NO	REVISION	DATE	BY	APP'D

DRAWN BY: JAB
CHECKED: CN
DATE: JULY 2018
PROJECT NUMBER: 25736.000
FIGURE: ASB12
SHEET 12 OF 14

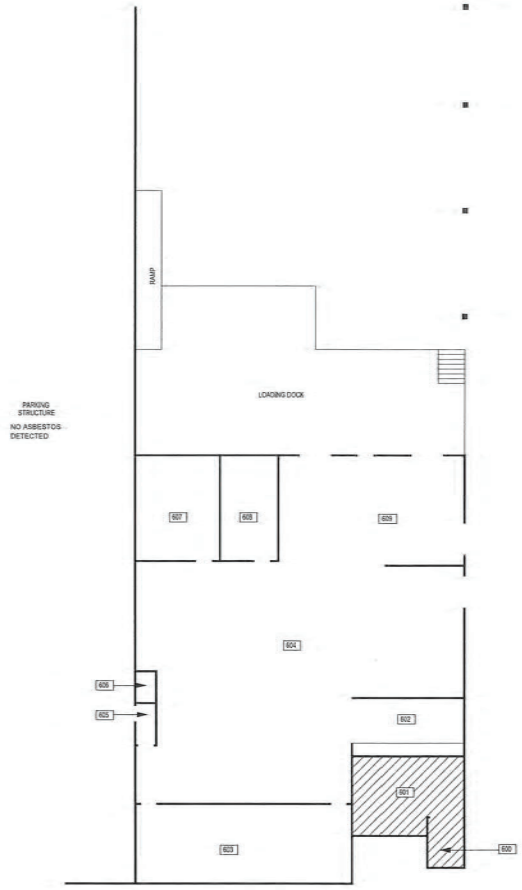
NOTES

1. THIS DRAWING IS DIAGRAMMATIC. IT IS FOR GENERAL INFORMATION AND SAMPLE LOCATION.

LEGEND

100 ROOM NUMBERS

ASBESTOS-CONTAINING FLOOR TILE



BULK MAIL ACCEPTANCE UNIT FIRST FLOOR PLAN

SCALE: 1" = 10'

0 5' 10' 20'

PREPARED FOR: PROSPER PORTLAND

PBS Engineering and Environmental Inc.
1325 NW Kearney
Portland, OR 97209
503.248.1939
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ASBESTOS SURVEY PLAN

USPS PROCESSING AND DISTRIBUTION FACILITY

715 NW HOYT STREET, PORTLAND, OREGON

NO	REVISION	DATE	BY	APP'D

DRAWN BY: JAB
CHECKED: CN
DATE: JULY 2018
PROJECT NUMBER: 25736.000
FIGURE: ASB13
SHEET 13 OF 14

FULL SIZE SHEET FORMAT IS 24X36. IF PRINTED SIZE IS NOT 24X36, THEN THIS SHEET FORMAT HAS BEEN MODIFIED & INDICATED DRAWING SCALE IS NOT ACCURATE.

Plotname: L:\Projects\25000\25700-25799\25736_USPSHazMat\dgn\asb\25736000_ASB13_MAIL_MATERIAL.dwg Layout Tab: LAYOUT1 User: Jim Blanco CAD File Date/Time: 7/17/2018 4:07:43 PM

NOTES

1. THIS DRAWING IS DIAGRAMMATIC. IT IS FOR GENERAL INFORMATION AND SAMPLE LOCATION.
2. ACCESSIBLE SPACES WERE SURVEYED FOR SUSPECT ASBESTOS MATERIALS. WHEN OBSERVED THE MATERIALS WERE NOTED ON THE DRAWINGS.

LEGEND

100 ROOM NUMBERS

DRAWING REFERENCE TO BULK SAMPLE FIELD CODE, SEE INVENTORY OF SAMPLES

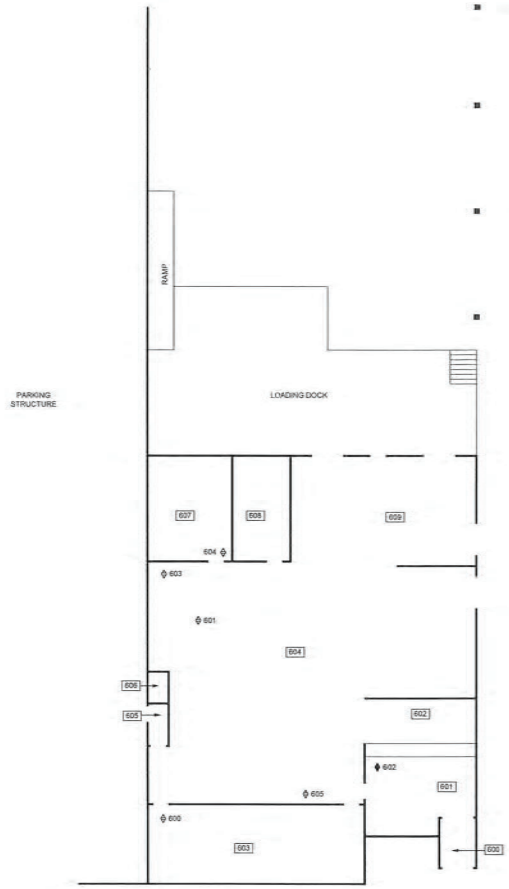
MATERIAL SYMBOL

ASBESTOS SAMPLE SYMBOLS

NOT TESTED	NEGATIVE –	POSITIVE +	
○	⊖	●	MECHANICAL INSULATION
□	⊟	■	SURFACING MATERIAL
◊	⧫	♦	MISCELLANEOUS MATERIAL

INVENTORY OF ASBESTOS SAMPLES

DRAWING REFERENCE	FIELD CODE	LAB RESULT	MATERIAL SAMPLED
⧫ 600	8232.15-600	-	(M9) LAY-IN CEILING TILE (1)
⧫ 601	8232.15-601	-	(M9) LAY-IN CEILING TILE (1)
♦ 602	8232.15-602	+/+	(M6) VINYL FLOOR TILE (1)
⧫ 603	8232.15-603	-	(M17) COVEBASE/MASTIC (1)
⧫ 604	8232.15-604	-	(M3) GYPSUM WALLBOARD
⧫ 605	8232.15-605	-	(M3) GYPSUM WALLBOARD



FIRST FLOOR PLAN

SCALE: 1" = 10'

0 5' 10' 20'

PREPARED FOR: PROSPER PORTLAND

PBS Engineering and Environmental Inc.
4412 SW Corbett Avenue
Portland, OR 97239
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ASBESTOS SURVEY PLAN

USPS PROCESSING AND DISTRIBUTION FACILITY

715 NW HOYT STREET, PORTLAND, OREGON

NO	REVISION	DATE	BY	APP'D

DRAWN BY: JAB
CHECKED: CN
DATE: JULY 2018
PROJECT NUMBER: 25736.000
FIGURE
ASB14
SHEET 14 OF 14

FULL SIZE SHEET FORMAT IS 24X36. IF PRINTED SIZE IS NOT 24X36, THEN THIS SHEET FORMAT HAS BEEN MODIFIED & INDICATED DRAWING SCALE IS NOT ACCURATE.

Plotname: L:\Projects\25000\25736\25736.000_USPS\Haz Mat\Bldg\Julian\DWG\25736.000_ASB14_MAIL_SAMPLES.dwg Layout Tab: LAYOUT1 User: Jim Blanco CAD File/Date/Time: 7/17/2018 4:00:50 PM

Code	Material	Location	Results	Lab
25736.000-0001	Hard Fittings/Fiberglass	At column 13-N; hard fitting		Lab Cor
	Layer:	**Description:**	**Analysis:**	
	Layer 1	fibrous powder, off-white, with fibrous coating, blue	No Asbestos Detected	
25736.000-0002	Hard Fittings/Fiberglass	Custodial closet 1027; hard fitting		Lab Cor
	Layer:	**Description:**	**Analysis:**	
	Layer 1	fibrous powder, off-white, with fibrous coating,	No Asbestos Detected	
25736.000-0003	Hard Fittings/Fiberglass	Breakroom 1026; hard fitting		Lab Cor
	Layer:	**Description:**	**Analysis:**	
	Layer 1	fibrous powder, off-white, with fibrous coating, off-white	No Asbestos Detected	
25736.000-0004	Hard Fittings/Fiberglass	A door 28		Lab Cor
	Layer:	**Description:**	**Analysis:**	
	Layer 1	fibrous powder, off-white, with fibrous coating, off-white	4% Chrysotile	
25736.000-0005	Duct Sealant	Main floor under fiberglass; gray duct sealant		Lab Cor
	Layer:	**Description:**	**Analysis:**	
	Layer 1	flexible material, gray	No Asbestos Detected	

Lab/Cor Portland, Inc.
4321 SW Corbett Ave., Ste A
Portland, OR 97239

BULK SAMPLE ASBESTOS ANALYSIS

Asbestos and Environmental Analysis

Phone: (503) 224-5055
http://www.labcorpdx.net

Client: PBS Engineering and Environmental
4412 SW Corbett Avenue
Portland, OR 97239

Report Number: 185258R01
Report Date: 07/18/2018

P.O. No: n/a

Job Number: **185258**
Project Name:
Project Number: 25736.000 Phase 0001
Project Notes:

Client Sample ID: **25736.000-0001** **Sample ID:** S1 **Date Analyzed:** 07/18/2018
Client Sample Description: **Analyst:** Tim Cammann

Asbestos Mineral Fibers	Layer Percent:	Chrysotile	Amosite	Crocidolite			**Percent Asbestos:**
Homogeneous							
fibrous powder, off-white, with fibrous coating, blue	100 %	-	-	-			**NAD**

Other Fibers	Fibrous Glass	Cellulose	Mineral Wool	Synthetic	Other		Matrix
	15 %	10 %	5 %	-	-	-	70 %

Client Sample ID: **25736.000-0002** **Sample ID:** S2 **Date Analyzed:** 07/18/2018
Client Sample Description: **Analyst:** Tim Cammann

Asbestos Mineral Fibers	Layer Percent:	Chrysotile	Amosite	Crocidolite			**Percent Asbestos:**
Homogeneous							
fibrous powder, off-white, with fibrous coating,	100 %	-	-	-			**NAD**

Other Fibers	Fibrous Glass	Cellulose	Mineral Wool	Synthetic	Other		Matrix
	12 %	8 %	8 %	-	-	-	72 %

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4321 SW Corbett Ave., Ste A
Portland, OR 97239

BULK SAMPLE ASBESTOS ANALYSIS

Asbestos and Environmental Analysis

Phone: (503) 224-5055
http://www.labcorpdx.net

Client: PBS Engineering and Environmental
4412 SW Corbett Avenue
Portland, OR 97239

Report Number: 185258R01
Report Date: 07/18/2018
P.O. No: n/a

Job Number: **185258**
Project Name:
Project Number: 25736.000 Phase 0001
Project Notes:

Client Sample ID: **25736.000-0003** **Sample ID:** S3 **Date Analyzed:** 07/18/2018
Client Sample Description: **Analyst:** Tim Cammann

Asbestos Mineral Fibers	Layer Percent:	Chrysotile	Amosite	Crocidolite	Percent Asbestos:
Homogeneous					
fibrous powder, off-white, with fibrous coating, off-white	100 %	-	-	-	**NAD**

Other Fibers	Fibrous Glass	Cellulose	Mineral Wool	Synthetic	Other	Matrix
	10 %	10 %	10 %	-	-	70 %

Client Sample ID: **25736.000-0004** **Sample ID:** S4 **Date Analyzed:** 07/18/2018
Client Sample Description: **Analyst:** Tim Cammann

Asbestos Mineral Fibers	Layer Percent:	Chrysotile	Amosite	Crocidolite	Percent Asbestos:
Homogeneous					
fibrous powder, off-white, with fibrous coating, off-white	100 %	4 %	-	-	**4 %**

Other Fibers	Fibrous Glass	Cellulose	Mineral Wool	Synthetic	Other	Matrix
	10 %	Trace	4 %	-	-	82 %

Client Sample ID: **25736.000-0005** **Sample ID:** S5 **Date Analyzed:** 07/18/2018
Client Sample Description: **Analyst:** Tim Cammann

Asbestos Mineral Fibers	Layer Percent:	Chrysotile	Amosite	Crocidolite	Percent Asbestos:
Homogeneous					
flexible material, gray	100 %	-	-	-	**NAD**

Other Fibers	Fibrous Glass	Cellulose	Mineral Wool	Synthetic	Other	Matrix
	-	-	-	-	-	100 %

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Portland, OR 97239

BULK SAMPLE ASBESTOS ANALYSIS

Asbestos and Environmental Analysis

Phone: (503) 224-5055
http://www.labcorpdx.net

Client: PBS Engineering and Environmental
4412 SW Corbett Avenue
Portland, OR 97239

Job Number: **185258**
Project Name:
Project Number: 25736.000 Phase 0001
Project Notes:

Report Number: 185258R01
Report Date: 07/18/2018

P.O. No: n/a

This laboratory participates in the National Voluntary Laboratory Accreditation Program (NVLAP). Testing method is per 40 CFR 763 Subpart E, Appendix E, PLM. This report and the data contained therein cannot be used to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the U.S. Government.

- "NAD" is No Asbestos Detected.
- Asbestos consists of the following minerals: chrysotile, amosite, crocidolite, tremolite, actinolite, anthophyllite.
- Material binders, such as those found in vinyl floor tiles, may prevent the detection of small diameter asbestos fibers. A gravimetric preparation and point-count is recommended for such samples.
- Quantitative analysis by PLM point count or TEM may be recommended for samples testing at < or = to 1% asbestos.
- The following estimate of error for this method by visual estimation of asbestos percent are as follows:
1% asbestos: 0-3% error, 5% asbestos: 1-9% error, 10% asbestos: 5-15% error, 20% asbestos: 10-30% error.
- This report pertains only to the samples listed on the report. Report considered valid only when signed by analyst.

Reviewed by:

x _____

Tim Cammann
Analyst

NVLAP LAB CODE 200741-0

PBS 185258

TRANSMITTAL AND CHAIN OF CUSTODY FOR ASBESTOS BULK SAMPLES

Project No.: 25736.000 Phase 0001

Individuals signing this form warrant that the information provided is correct and complete. The Sender should keep a copy and send the original. The Receiver should complete the form, keep a copy and return the original to the Sender. Receiver shall report damage of package immediately to Sender.

SENDER

Date Sent: July 16, 2018

PBS Engineering and Environmental Inc.
4412 SW Corbett Avenue
Portland, OR 97239
503.248.1939, Fax: 866.727.0140

Alex Johnson
Name

Authorized Signature **Date** 7/16/18 **Time** 1530

RECEIVER

Date Received: 7-16-18

Company: Lab Cor
Address: 4321 SW Corbett Ave Ste A
Portland, OR 97239
503-224-5055

Jillian Lambert
Name

Authorized Signature **Date** 7-16 **Time** 3:40PM

Sender's ID No.	Brief Description	Receiver's ID No.
25736.000-0001		
25736.000-0002		
25736.000-0003		
25736.000-0004		
25736.000-0005		

Please analyze the enclosed 5 sample(s) for asbestos content using PLM with dispersion staining. PBS requests prior notification if samples will be disposed.
Request verbal results by: _____ AM/PM _____Date.

Please fax and mail the results to the above address.

TURNAROUND DESIRED: 48 Hour

SPECIAL INSTRUCTIONS:

CW

BULK SAMPLE INVENTORY

Code	Material		Location	Results	Lab
21193.000-0001	Terrazzo		4th floor; room 4130; cafeteria; yellow/brown terrazzo; 18"x36"		Lab Cor
		Layer:	**Description:**	**Analysis:**	
		Layer 1	white compact powder with mastic	No Asbestos Detected	
21193.000-0002	Mastic		4th floor; room 4140; kitchen; brown ceiling tile mastic		Lab Cor
		Layer:	**Description:**	**Analysis:**	
		Layer 1	mastic, brown	No Asbestos Detected	
		Layer 2	fibrous compact powder, white	No Asbestos Detected	
		Layer 3	mastic, brown	No Asbestos Detected	
		Layer 4	fibrous material, tan	No Asbestos Detected	
21193.000-0003	Mastic		4th floor; room 4140; kitchen; brown ceiling tile mastic		Lab Cor
		Layer:	**Description:**	**Analysis:**	
		Layer 1	mastic, brown	No Asbestos Detected	
		Layer 2	fibrous compact powder, white	No Asbestos Detected	
		Layer 3	mastic, brown	No Asbestos Detected	
		Layer 4	fibrous material, tan	No Asbestos Detected	
21193.000-0004	Tank Insulation		4th floor; room 4050; boiler room; fiberglass insulation with mastic on boiler		Lab Cor
		Layer:	**Description:**	**Analysis:**	
		Layer 1	loose fibrous material, yellow	No Asbestos Detected	
		Layer 2	compact powder, brown	No Asbestos Detected	
21193.000-0005	End Cap		4th floor; room 4050; boiler room; end-cap insulation; hot water supply pipe		Lab Cor
		Layer:	**Description:**	**Analysis:**	
		Layer 1	woven material with compact powder, tan	No Asbestos Detected	
		Layer 2	loose fibrous material, yellow	No Asbestos Detected	
		Layer 3	compressed fibrous material, tan	No Asbestos Detected	
21193.000-0006	Mastic		4th floor; room 4050; Boiler Room; duct insulation mastic; ACU-21		Lab Cor
		Layer:	**Description:**	**Analysis:**	
		Layer 1	yellow loose fibrous material with mastic	No Asbestos Detected	

BULK SAMPLE INVENTORY

Code	Material		Location	Results	Lab
21193.000-0007	Lagging		4th floor; room 4050; boiler room; duct insulation lagging; ACU-21		Lab Cor
		Layer:	**Description:**	**Analysis:**	
		Layer 1	woven material w/ paint, white	No Asbestos Detected	
		Layer 2	loose fibrous material, yellow	No Asbestos Detected	
21193.000-0008	Lagging		4th floor; room 4050; boiler room duct insulation lagging; older vintage; AHU-18 junction with new insulation		Lab Cor
		Layer:	**Description:**	**Analysis:**	
		Layer 1	woven material w/ red paint, white	No Asbestos Detected	
		Layer 2	loose fibrous material, yellow	No Asbestos Detected	
21193.000-0009	Paint		4th floor; room 4050; boiler room; tan paint applied to CMU walls; east wall		Lab Cor
		Layer:	**Description:**	**Analysis:**	
		Layer 1	blue and white mastic with paint	No Asbestos Detected	
21193.000-0010	Paint		1st floor; room 170; mechanical room; black paint on exterior wall		Lab Cor
		Layer:	**Description:**	**Analysis:**	
		Layer 1	brown fine particulates	No Asbestos Detected	
21193.000-0011	Lagging		1st floor; room 170; mechanical room; duct insulation; lagging		Lab Cor
		Layer:	**Description:**	**Analysis:**	
		Layer 1	woven material w/ paint, white	No Asbestos Detected	
		Layer 2	loose fibrous material, yellow	No Asbestos Detected	
21193.000-0012	Mastic		1st floor; room 170; mechanical room; duct insulation mastic		Lab Cor
		Layer:	**Description:**	**Analysis:**	
		Layer 1	yellow loose fibrous material with mastic	No Asbestos Detected	
21193.000-0013	Window Glazing Compound		Exterior; windows at truck scale		Lab Cor
		Layer:	**Description:**	**Analysis:**	
		Layer 1	black rubbery material	No Asbestos Detected	
21193.000-0014	Sealant		Exterior; at louver; flashing to brick		Lab Cor
		Layer:	**Description:**	**Analysis:**	
		Layer 1	grey hard granular material	6% Chrysotile	

BULK SAMPLE INVENTORY

Code	Material		Location	Results	Lab
21193.000-0015	Sealant		Exterior; vertical marble sealant		Lab Cor
		Layer:	**Description:**	**Analysis:**	
		Layer 1	black rubbery material	No Asbestos Detected	
21193.000-0016	Vinyl Floor Tile/Mastic		4th floor; room 4206; green 12" tile with yellow and grey mastic		Lab Cor
		Layer:	**Description:**	**Analysis:**	
		Layer 1	vinyl, green	No Asbestos Detected	
		Layer 2	mastic, grey	No Asbestos Detected	
21193.000-0017	Window Glazing Compound		Vehicle maintenance; V106; boiler room; exterior window		Lab Cor
		Layer:	**Description:**	**Analysis:**	
		Layer 1	grey loose particulates	No Asbestos Detected	
21193.000-0018	Sealant		Vehicle maintenance; V110; welding room; sealant between window frame and concrete		Lab Cor
		Layer:	**Description:**	**Analysis:**	
		Layer 1	grey rubbery material	2% Chrysotile	
21193.000-0019	Vinyl Floor Tile Core		4th floor: east elevator lobby; floor core sample 24"x24" VAT		Lab Cor
		Layer:	**Description:**	**Analysis:**	
		Layer 1	vinyl, tan	No Asbestos Detected	
		Layer 2	mastic, yellow	No Asbestos Detected	
		Layer 3	mastic, white	No Asbestos Detected	
21193.000-0020	Vinyl Floor Tile Core		3rd floor: hall at room 3007; floor core sample 9"x9" VAT tan		Lab Cor
		Layer:	**Description:**	**Analysis:**	
		Layer 1	vinyl, grey	3% Chrysotile	
		Layer 2	mastic, black	5% Chrysotile	
21193.000-0021	Vinyl Floor Tile Core		3rd floor: room 3041 eastside; floor core sample 9"x9" VAT grey		Lab Cor
		Layer:	**Description:**	**Analysis:**	
		Layer 1	vinyl, grey	3% Chrysotile	
		Layer 2	mastic, black	8% Chrysotile	
21193.000-0022	Vinyl Floor Tile Core		3rd floor; room 3041 west side; floor core sample 9"x9" VAT grey		Lab Cor
		Layer:	**Description:**	**Analysis:**	
		Layer 1	vinyl, grey	2% Chrysotile	
		Layer 2	mastic, black	4% Chrysotile	

BULK SAMPLE INVENTORY

Code	Material	Location	Results	Lab
21193.000-0023	Vinyl Floor Tile Core	2nd floor; elevator lobby 2026; floor core 12"x12" new blue VAT		Lab Cor
	Layer:	**Description:**	**Analysis:**	
	Layer 1	vinyl, blue	No Asbestos Detected	
	Layer 2	mastic, yellow	No Asbestos Detected	
	Layer 3	compact powder, white	No Asbestos Detected	
21193.000-0024	Vinyl Floor Tile Core	1st floor; east side room 129; floor core sample 9"x9" VAT		Lab Cor
	Layer:	**Description:**	**Analysis:**	
	Layer 1	vinyl, grey	2% Chrysotile	
	Layer 2	mastic, black	4% Chrysotile	
21193.000-0025	Floor Tile	1st floor: room 130 near loading dock; floor core; 12"x24" black tile		Lab Cor
	Layer:	**Description:**	**Analysis:**	
	Layer 1	black fibrous tar	No Asbestos Detected	
21193.000-0026	Vinyl Floor Tile Core	Vehicle maintenance shop room V102; floor core 2 layers		Lab Cor
	Layer:	**Description:**	**Analysis:**	
	Layer 1	vinyl, brown	2% Chrysotile	
	Layer 2	mastic, black	5% Chrysotile	
	Layer 3	vinyl, green	2% Chrysotile	
	Layer 4	mastic, black	5% Chrysotile	
21193.000-0027	Built-up Roofing	Roof; top level; SE corner of building; near stair access; on steel deck		Lab Cor
	Layer:	**Description:**	**Analysis:**	
	Layer 1	rocky fibrous tar, black	No Asbestos Detected	
	Layer 2	fibrous material, brown	No Asbestos Detected	
	Layer 3	foam, yellow	No Asbestos Detected	
21193.000-0028	Built-up Roofing	Roof; top level; SW corner of building on steel deck		Lab Cor
	Layer:	**Description:**	**Analysis:**	
	Layer 1	rocky fibrous tar, black	No Asbestos Detected	
	Layer 2	fibrous material, brown	No Asbestos Detected	
	Layer 3	foam, yellow	No Asbestos Detected	
21193.000-0029	Built-up Roofing	Roof; 2nd floor level; SW corner; on concrete		Lab Cor
	Layer:	**Description:**	**Analysis:**	
	Layer 1	rocky fibrous tar, black	No Asbestos Detected	
	Layer 2	fibrous material, brown	No Asbestos Detected	
	Layer 3	foam, yellow	No Asbestos Detected	

BULK SAMPLE INVENTORY

Code	Material		Location	Results	Lab
21193.000-0030	Built-up Roofing		Roof; top level penthouse; SE corner of building on concrete		Lab Cor
		Layer:	**Description:**	**Analysis:**	
		Layer 1	rocky fibrous tar, black	No Asbestos Detected	
		Layer 2	fibrous material, brown	No Asbestos Detected	
		Layer 3	foam, yellow	No Asbestos Detected	
21193.000-0031	Built-up Roofing		Roof; 3rd floor office floor level; SE corner; on concrete		Lab Cor
		Layer:	**Description:**	**Analysis:**	
		Layer 1	rocky fibrous tar, black	No Asbestos Detected	
		Layer 2	fibrous material, brown	No Asbestos Detected	
		Layer 3	foam, yellow	No Asbestos Detected	
21193.000-0032	Built-up Roofing		Roof; west dock level; SE corner; on steel deck		Lab Cor
		Layer:	**Description:**	**Analysis:**	
		Layer 1	rocky fibrous tar, black	No Asbestos Detected	
		Layer 2	fibrous material, brown	No Asbestos Detected	
21193.000-0033	Built-up Roofing		Roof; N truck dock; 1st working floor; NW corner of building; on concrete		Lab Cor
		Layer:	**Description:**	**Analysis:**	
		Layer 1	rocky fibrous tar, black	No Asbestos Detected	
		Layer 2	fibrous material, brown	No Asbestos Detected	
		Layer 3	foam, yellow	No Asbestos Detected	
21193.000-0034	Built-up Roofing		Parapet; N truck dock; 1st working floor; NW corner of building; silver		Lab Cor
		Layer:	**Description:**	**Analysis:**	
		Layer 1	tar, black	No Asbestos Detected	
		Layer 2	paint, silver	No Asbestos Detected	
		Layer 3	metal sheet, silver		
	Comments:	Metal sheet not analyzed.			
21193.000-0035	Built-up Roofing		Roof; VMP; east side; on concrete		Lab Cor
		Layer:	**Description:**	**Analysis:**	
		Layer 1	rocky fibrous tar, black	No Asbestos Detected	
		Layer 2	fibrous material, brown	No Asbestos Detected	

BULK SAMPLE INVENTORY

Code	Material		Location	Results	Lab
21193.000-0036	Built-up Roofing		Roof; VMF; top level; central; on concrete		Lab Cor
		Layer:	**Description:**	**Analysis:**	
		Layer 1	rocky fibrous tar, black	No Asbestos Detected	
		Layer 2	fibrous material, brown	No Asbestos Detected	
		Layer 3	foam, yellow	No Asbestos Detected	
21193.000-0037	Built-up Roofing		Parapet; VMF; silver parapet		Lab Cor
		Layer:	**Description:**	**Analysis:**	
		Layer 1	rocky fibrous tar, black	No Asbestos Detected	
		Layer 2	metal sheet, silver		
	Comments:	Metal sheet not analyzed.			
21193.000-0038	Concrete		4th floor; SW end of E/W running corridor; above suspended ceiling; sprayed on; cementitious		Lab Cor
		Layer:	**Description:**	**Analysis:**	
		Layer 1	grey cementitious material	No Asbestos Detected	

Code	Material	Analysis	Location	Lab
PAINT				
LB21193.001-1001	Paint	118 ppm	Safety railing near room 151; 1st floor; metal; yellow; fair/poor condition	R.J. Lee Group
LB21193.001-1002	Paint	993 ppm	Near room 151; 1st floor; blue; wall; metal; blue; fair condition	R.J. Lee Group
LB21193.001-1003	Paint	159 ppm	Mechanical room; 1st floor; room 171; wall; concrete; black; good condition	R.J. Lee Group
LB21193.001-1004	Paint	42,500 ppm	1st floor; near room 151; red door; door jamb; metal; red; good condition	R.J. Lee Group
LB21193.001-1005	Paint	<97.5 ppm	1st floor; near room 151; post; post; metal; orange; fair condition	R.J. Lee Group
LB21193.001-1006	Paint	518 ppm	1st floor; room 130; column 21G; concrete; white; fair condition	R.J. Lee Group
LB21193.001-1007	Paint	2690 ppm	1st floor; room 135A; corner; wall; concrete; light blue; fair condition	R.J. Lee Group
LB21193.001-1008	Paint	2390 ppm	1st floor; room 130; truck loading; doorway; metal; green; fair condition	R.J. Lee Group
LB21193.001-1009	Paint	33,500 ppm	Exterior; SE corner; room 130; building corner; metal; white; poor condition	R.J. Lee Group
LB21193.001-1010	Paint	27,000 ppm	Exterior; SE corner room 130; post; metal; yellow; fair condition	R.J. Lee Group
LB21193.001-1011	Paint	<52.1 ppm	Exterior; west end loading dock; column; ceramic glaze; fair condition	R.J. Lee Group
LB21193.001-1012	Paint	<98.2 ppm	1st floor; room 130; west of loading dock; 1'x2' panel flooring; floor; black; good condition	R.J. Lee Group
LB21193.001-1013	Paint	1900 ppm	4th floor cafeteria; room 4130; heater; metal; white; good condition	R.J. Lee Group
LB21193.001-1014	Paint	7950 ppm	4th floor hall at room 4032; door; metal; tan; good condition	R.J. Lee Group
LB21193.001-1015	Paint	778 ppm	4th floor hall at room 4032; wall; CMU; white; good condition	R.J. Lee Group
LB21193.001-1016	Paint	33,900 ppm	4th floor door to stairs at room 4032; door frame; metal; red; good condition	R.J. Lee Group
LB21193.001-1017	Paint	5040 ppm	4th floor; room 4201; door frame; metal; blue; good condition	R.J. Lee Group
LB21193.001-1018	Paint	446 ppm	Vehicle maintenance; garages; exterior; door frame; metal; orange; poor condition	R.J. Lee Group
LB21193.001-1019	Paint	1970 ppm	Vehicle maintenance; garages; V103; interior; wall; CMU; orange; fair condition	R.J. Lee Group
LB21193.001-1020	Paint	18,700 ppm	Vehicle maintenace; garages; between V108 exterior and V107; column; metal; blue; good condition	R.J. Lee Group

Code	Material	Analysis	Location	Lab
LB21193.001-1021	Paint	28,100 ppm	Vehicle maintenance; garages; exterior; V103; wall; CMU; white; fair condition	R.J. Lee Group
LB21193.001-1022	Paint	<95.8 ppm	Vehicle maintenance; wall; CMU; white; fair condition	R.J. Lee Group
LB21193.001-1023	Paint	516 ppm	Elevator lobby; 2nd floor; wall; CMU; blue; good	R.J. Lee Group
LB21193.001-1024	Paint	<122 ppm	Elevator lobby; 2nd floor; stairwell; metal; blue; good	R.J. Lee Group
LB21193.001-1025	Paint	57,900 ppm	Elevator; 2nd floor; post; metal; yellow; poor	R.J. Lee Group
LB21193.001-1026	Paint	1080 ppm	2nd working floor; 10H column; column sheath; metal; blue; fair	R.J. Lee Group
LB21193.001-1027	Paint	5360 ppm	2nd working floor; 15 G column; column; concrete; white; fair	R.J. Lee Group
LB21193.001-1028	Paint	6780 ppm	3rd office floor; SE corner of building; door jamb; metal; maroon; good	R.J. Lee Group
LB21193.001-1029	Paint	309 ppm	3rd office floor; SE corridor; wall; plaster; white; good	R.J. Lee Group
LB21193.001-1030	Paint	30,600 ppm	3rd office floor; SE stairwell; hand rail; metal; blue; poor	R.J. Lee Group

Lab/Cor Portland, Inc.
4321 SW Corbett Ave., Ste A
Portland, OR 97239

BULK SAMPLE ASBESTOS ANALYSIS

Asbestos and Environmental Analysis

Phone: (503) 224-5055
Fax: (503) 228-8282
http://www.labcorpdx.net

Client: PBS Engineering and Environmental
4412 SW Corbett Ave
Portland, OR 97239

Report Number: 081216R01
Report Date: 06/17/2008

P.O. No: n/a

Job Number: **081216**
Project Name:
Project Number: 21193.000 Task 0001
Project Notes:

Client Sample ID: **21193.000-0001** **Sample ID:** S1 **Date Analyzed:** 06/16/2008
Client Sample Description: **Analyst:** Emily Perkins

Asbestos Mineral Fibers	Percent of Sample:	Chrysotile	Amosite	Crocidolite	**Percent Asbestos:**
Homogeneous					
compact powder with mastic, white	100 %	-	-	-	**NAD**

Other Fibers	Fibrous Glass	Cellulose	Mineral Wool	Synthetic	Other		Matrix	
	-	-	-	-	Wollastonite	5 %	-	95 %

Comments:

Client Sample ID: **21193.000-0002** **Sample ID:** S2 **Date Analyzed:** 06/16/2008
Client Sample Description: **Analyst:** Emily Perkins

Asbestos Mineral Fibers	Percent of Sample:	Chrysotile	Amosite	Crocidolite	**Percent Asbestos:**
Layer 01					
mastic, brown	85 %	-	-	-	**NAD**
Layer 02					
fibrous compact powder, white	2 %	-	-	-	**NAD**
Layer 03					
mastic, brown	10 %	-	-	-	**NAD**
Layer 04					
fibrous material, tan	3 %	-	-	-	**NAD**

Other Fibers	Fibrous Glass	Cellulose	Mineral Wool	Synthetic	Other		Matrix		
Layer 01	-	3 %	3 %	-	Wollastonite	2 %	Talc	2 %	90 %
Layer 02	-	5 %	10 %	-		-		-	85 %
Layer 03	-	-	3 %	-	Wollastonite	2 %		-	95 %
Layer 04	-	20 %	30 %	-		-		-	50 %

Comments:

NVLAP

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BULK SAMPLE ASBESTOS ANALYSIS

Asbestos and Environmental Analysis

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Job Number: 081216

Report Number: 081216R01
Report Date: 06/17/2008

Client Sample ID: 21193.000-0003 **Sample ID:** S3 **Date Analyzed:** 06/17/2008
Client Sample Description: **Analyst:** Emily Perkins

Asbestos Mineral Fibers	Percent of Sample:	Chrysotile	Amosite	Crocidolite	Percent Asbestos:
Layer 01					
mastic, brown	90 %	-	-	-	**NAD**
Layer 02					
fibrous compact powder, white	2 %	-	-	-	**NAD**
Layer 03					
mastic, brown	6 %	-	-	-	**NAD**
Layer 04					
fibrous material, tan	2 %	-	-	-	**NAD**

Other Fibers	Fibrous Glass	Cellulose	Mineral Wool	Synthetic	Other				Matrix	
Layer 01	-	-	-	-	Wollastonite	5 %	Talc	5 %		90 %
Layer 02	-	10 %	10 %	-		-		-		80 %
Layer 03	-	5 %	-	-	Wollastonite	5 %		-		90 %
Layer 04	-	5 %	15 %	-		-		-		80 %

Comments:

Client Sample ID: 21193.000-0004 **Sample ID:** S4 **Date Analyzed:** 06/17/2008
Client Sample Description: **Analyst:** Emily Perkins

Asbestos Mineral Fibers	Percent of Sample:	Chrysotile	Amosite	Crocidolite	Percent Asbestos:
Layer 01					
loose fibrous material, yellow	50 %	-	-	-	**NAD**
Layer 02					
compact powder, brown	50 %	-	-	-	**NAD**

Other Fibers	Fibrous Glass	Cellulose	Mineral Wool	Synthetic	Other			Matrix	
Layer 01	90 %	-	-	-		-	-		10 %
Layer 02	-	-	-	-		-	-		100 %

Comments:

NVLAP

LabCor Portland Inc
Lab/Cor Portland, Inc.
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Portland, OR 97239

BULK SAMPLE ASBESTOS ANALYSIS

Asbestos and Environmental Analysis

Phone: (503) 224-5055
Fax: (503) 228-8282
http://www.labcorpdx.net

Job Number: 081216

Report Number: 081216R01
Report Date: 06/17/2008

Client Sample ID: 21193.000-0005 **Sample ID:** S5 **Date Analyzed:** 06/17/2008
Client Sample Description: **Analyst:** Emily Perkins

Asbestos Mineral Fibers	Percent of Sample:	Chrysotile	Amosite	Crocidolite	Percent Asbestos:
Layer 01					
woven material with compact powder, tan	80 %	-	-	-	**NAD**
Layer 02					
loose fibrous material, yellow	15 %	-	-	-	**NAD**
Layer 03					
compressed fibrous material, tan	5 %	-	-	-	**NAD**

Other Fibers	Fibrous Glass	Cellulose	Mineral Wool	Synthetic	Other		Matrix	
Layer 01	-	50 %	-	-		-	-	50 %
Layer 02	80 %	-	-	-		-	-	20 %
Layer 03	15 %	-	-	-	Wollastonite	5 %	-	80 %

Comments:

Client Sample ID: 21193.000-0006 **Sample ID:** S6 **Date Analyzed:** 06/17/2008
Client Sample Description: **Analyst:** Emily Perkins

Asbestos Mineral Fibers	Percent of Sample:	Chrysotile	Amosite	Crocidolite	Percent Asbestos:
Homogeneous					
loose fibrous material with mastic, yellow	100 %	-	-	-	**NAD**

Other Fibers	Fibrous Glass	Cellulose	Mineral Wool	Synthetic	Other		Matrix	
	30 %	-	-	-	Wollastonite	20 %	-	50 %

Comments:

Client Sample ID: 21193.000-0007 **Sample ID:** S7 **Date Analyzed:** 06/17/2008
Client Sample Description: **Analyst:** Emily Perkins

Asbestos Mineral Fibers	Percent of Sample:	Chrysotile	Amosite	Crocidolite	Percent Asbestos:
Layer 01					
woven material w/ paint, white	90 %	-	-	-	**NAD**
Layer 02					
loose fibrous material, yellow	10 %	-	-	-	**NAD**

Other Fibers	Fibrous Glass	Cellulose	Mineral Wool	Synthetic	Other		Matrix	
Layer 01	-	60 %	-	-		-	-	10 %
Layer 02	80 %	-	-	-		-	-	20 %

Comments:

NVLAP

LabCor Portland Inc
Lab/Cor Portland, Inc.
4321 SW Corbett Ave., Ste A
Portland, OR 97239

BULK SAMPLE ASBESTOS ANALYSIS

Asbestos and Environmental Analysis

Phone: (503) 224-5055
Fax: (503) 228-8282
http://www.labcorpdx.net

Job Number: 081216

Report Number: 081216R01
Report Date: 06/17/2008

Client Sample ID: 21193.000-0008 **Sample ID:** S8 **Date Analyzed:** 06/17/2008
Client Sample Description: **Analyst:** Emily Perkins

Asbestos Mineral Fibers	Percent of Sample:	Chrysotile	Amosite	Crocidolite	Percent Asbestos:
Layer 01					
woven material w/ red paint, white	30 %	-	-	-	**NAD**
Layer 02					
loose fibrous material, yellow	70 %	-	-	-	**NAD**

Other Fibers	Fibrous Glass	Cellulose	Mineral Wool	Synthetic	Other		Matrix	
Layer 01	-	60 %	-	-		-	-	40 %
Layer 02	80 %	-	-	-		-	-	20 %

Comments:

Client Sample ID: 21193.000-0009 **Sample ID:** S9 **Date Analyzed:** 06/17/2008
Client Sample Description: **Analyst:** Emily Perkins

Asbestos Mineral Fibers	Percent of Sample:	Chrysotile	Amosite	Crocidolite	Percent Asbestos:
Homogeneous					
mastic with paint, blue and white	100 %	-	-	-	**NAD**

Other Fibers	Fibrous Glass	Cellulose	Mineral Wool	Synthetic	Other		Matrix	
	-	-	-	-	Wollastonite	5 %	-	95 %

Comments:

Client Sample ID: 21193.000-0010 **Sample ID:** S10 **Date Analyzed:** 06/17/2008
Client Sample Description: **Analyst:** Emily Perkins

Asbestos Mineral Fibers	Percent of Sample:	Chrysotile	Amosite	Crocidolite	Percent Asbestos:
Homogeneous					
fine particulates, brown	100 %	-	-	-	**NAD**

Other Fibers	Fibrous Glass	Cellulose	Mineral Wool	Synthetic	Other		Matrix	
	-	10 %	-	-	Wollastonite	5 %	-	85 %

Comments:

NVLAP

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BULK SAMPLE ASBESTOS ANALYSIS

Asbestos and Environmental Analysis

Phone: (503) 224-5055
Fax: (503) 228-8282
http://www.labcorpdx.net

Job Number: 081216

Report Number: 081216R01
Report Date: 06/17/2008

Client Sample ID: 21193.000-0011 **Sample ID:** S11 **Date Analyzed:** 06/17/2008
Client Sample Description: **Analyst:** Emily Perkins

Asbestos Mineral Fibers	Percent of Sample:	Chrysotile	Amosite	Crocidolite	Percent Asbestos:
Layer 01					
woven material w/ paint, white	95 %	-	-	-	**NAD**
Layer 02					
loose fibrous material, yellow	5 %	-	-	-	**NAD**

Other Fibers	Fibrous Glass	Cellulose	Mineral Wool	Synthetic	Other			Matrix	
Layer 01	-	60 %	-	-			-	-	40 %
Layer 02	80 %	-	-	-			-	-	20 %

Comments:

Client Sample ID: 21193.000-0012 **Sample ID:** S12 **Date Analyzed:** 06/17/2008
Client Sample Description: **Analyst:** Emily Perkins

Asbestos Mineral Fibers	Percent of Sample:	Chrysotile	Amosite	Crocidolite	Percent Asbestos:
Homogeneous					
loose fibrous material with mastic, yellow	100 %	-	-	-	**NAD**

Other Fibers	Fibrous Glass	Cellulose	Mineral Wool	Synthetic	Other			Matrix	
	75 %	-	-	-	Wollastonite	5 %	-		20 %

Comments:

Client Sample ID: 21193.000-0013 **Sample ID:** S13 **Date Analyzed:** 06/17/2008
Client Sample Description: **Analyst:** Emily Perkins

Asbestos Mineral Fibers	Percent of Sample:	Chrysotile	Amosite	Crocidolite	Percent Asbestos:
Homogeneous					
rubbery material, black	100 %	-	-	-	**NAD**

Other Fibers	Fibrous Glass	Cellulose	Mineral Wool	Synthetic	Other			Matrix	
	-	1 %	-	-	Wollastonite	4 %	-		95 %

Comments:

Client Sample ID: 21193.000-0014 **Sample ID:** S14 **Date Analyzed:** 06/17/2008
Client Sample Description: **Analyst:** Emily Perkins

Asbestos Mineral Fibers	Percent of Sample:	Chrysotile	Amosite	Crocidolite	Percent Asbestos:
Homogeneous					
hard granular material, grey	100 %	6 %	-	-	**6 %**

Other Fibers	Fibrous Glass	Cellulose	Mineral Wool	Synthetic	Other			Matrix	
	-	-	-	-	Wollastonite	4 %	Talc 5 %		85 %

Comments:

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Job Number: 081216

Report Number: 081216R01
Report Date: 06/17/2008

Client Sample ID: 21193.000-0015 **Sample ID:** S15 **Date Analyzed:** 06/17/2008
Client Sample Description: **Analyst:** Emily Perkins

Asbestos Mineral Fibers	Percent of Sample:	Chrysotile	Amosite	Crocidolite	Percent Asbestos:
Homogeneous					
rubbery material, black	100 %	-	-	-	**NAD**

Other Fibers	Fibrous Glass	Cellulose	Mineral Wool	Synthetic	Other		Matrix	
	-	-	-	-	Wollastonite	5 %	-	95 %

Comments:

Client Sample ID: 21193.000-0016 **Sample ID:** S16 **Date Analyzed:** 06/17/2008
Client Sample Description: **Analyst:** Emily Perkins

Asbestos Mineral Fibers	Percent of Sample:	Chrysotile	Amosite	Crocidolite	Percent Asbestos:
Layer 01					
vinyl, green	97 %	-	-	-	**NAD**
Layer 02					
mastic, grey	3 %	-	-	-	**NAD**

Other Fibers	Fibrous Glass	Cellulose	Mineral Wool	Synthetic	Other		Matrix	
Layer 01	-	-	-	-	Wollastonite	5 %	-	95 %
Layer 02	-	10 %	-	-		-	-	90 %

Comments:

Client Sample ID: 21193.000-0017 **Sample ID:** S17 **Date Analyzed:** 06/17/2008
Client Sample Description: **Analyst:** Emily Perkins

Asbestos Mineral Fibers	Percent of Sample:	Chrysotile	Amosite	Crocidolite	Percent Asbestos:
Homogeneous					
loose particulates, grey	100 %	-	-	-	**NAD**

Other Fibers	Fibrous Glass	Cellulose	Mineral Wool	Synthetic	Other		Matrix	
	-	-	-	-	Wollastonite	5 %	-	95 %

Comments:

Client Sample ID: 21193.000-0018 **Sample ID:** S18 **Date Analyzed:** 06/17/2008
Client Sample Description: **Analyst:** Emily Perkins

Asbestos Mineral Fibers	Percent of Sample:	Chrysotile	Amosite	Crocidolite	Percent Asbestos:
Homogeneous					
rubbery material, grey	100 %	2 %	-	-	**2 %**

Other Fibers	Fibrous Glass	Cellulose	Mineral Wool	Synthetic	Other				Matrix	
	-	-	-	-	Wollastonite	6 %	Talc	7 %		85 %

Comments:

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BULK SAMPLE ASBESTOS ANALYSIS

Asbestos and Environmental Analysis

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http://www.labcorpdx.net

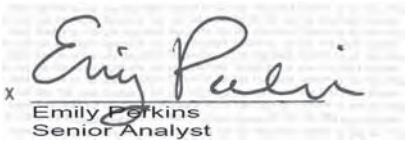
Job Number: **081216**

Report Number: 081216R01
Report Date: 06/17/2008

This laboratory participates in the National Voluntary Laboratory Accreditation Program (NVLAP).
Testing method is per 40 CFR 763 Subpart F, Appendix A, PLM.

Layered samples are considered non-homogeneous."Misc" is miscellaneous. "NAD" is No Asbestos Detected.
Asbestos consists of the following minerals: chrysotile, amosite, crocidolite, tremolite, actinolite, anthophyllite.
Small diameter fibers such as those found in vinyl floor tiles, may not be detected by PLM.
Asbestos detection interferences may result from material binders.
Qualitative and quantitative TEM analysis may be recommended for difficult samples.
Quantitative analysis by PLM point count or TEM is recommended for samples testing at < or = to 1% asbestos.
The following estimate of error for this method by visual estimation of asbestos percent are as follows:
1% asbestos: 0-3% error, 5% asbestos: 1-9% error, 10% asbestos: 5-15% error, 20% asbestos: 10-30% error.
This report pertains only to the samples listed on the report. Report considered valid only when signed by analyst.

Reviewed by:



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BULK SAMPLE ASBESTOS ANALYSIS

Asbestos and Environmental Analysis

Phone: (503) 224-5055
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Client: PBS Engineering and Environmental
4412 SW Corbett Ave
Portland, OR 97239

Report Number: 081278R01
Report Date: 06/23/2008

P.O. No: n/a

Job Number: **081278**
Project Name:
Project Number: 21193.000 Task 0001
Project Notes:

Client Sample ID: **21193.000-0019** **Sample ID:** S1 **Date Analyzed:** 06/23/2008
Client Sample Description: **Analyst:** Amber Basting

Asbestos Mineral Fibers	Percent of Sample:	Chrysotile	Amosite	Crocidolite	**Percent Asbestos:**
Layer 01					
vinyl, tan	95 %	-	-	-	**NAD**
Layer 02					
mastic, yellow	3 %	-	-	-	**NAD**
Layer 03					
mastic, white	2 %	-	-	-	**NAD**

Other Fibers	Fibrous Glass	Cellulose	Mineral Wool	Synthetic	Other	Matrix	
Layer 01	-	-	-	-	-	-	100 %
Layer 02	-	-	-	-	-	-	100 %
Layer 03	-	-	-	-	-	-	100 %

Comments:

Client Sample ID: **21193.000-0020** **Sample ID:** S2 **Date Analyzed:** 06/23/2008
Client Sample Description: **Analyst:** Amber Basting

Asbestos Mineral Fibers	Percent of Sample:	Chrysotile	Amosite	Crocidolite	**Percent Asbestos:**
Layer 01					
vinyl, grey	97 %	3 %	-	-	**3 %**
Layer 02					
mastic, black	3 %	5 %	-	-	**5 %**

Other Fibers	Fibrous Glass	Cellulose	Mineral Wool	Synthetic	Other	Matrix	
Layer 01	-	-	-	-	-	-	97 %
Layer 02	-	-	-	-	-	-	95 %

Comments:

Client Sample ID: **21193.000-0021** **Sample ID:** S3 **Date Analyzed:** 06/23/2008
Client Sample Description: **Analyst:** Amber Basting

Asbestos Mineral Fibers	Percent of Sample:	Chrysotile	Amosite	Crocidolite	**Percent Asbestos:**
Layer 01					
vinyl, grey	97 %	3 %	-	-	**3 %**
Layer 02					
mastic, black	3 %	8 %	-	-	**8 %**

Other Fibers	Fibrous Glass	Cellulose	Mineral Wool	Synthetic	Other	Matrix	
Layer 01	-	-	-	-	-	-	97 %
Layer 02	-	-	-	-	-	-	92 %

Comments:

NVLAP

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BULK SAMPLE ASBESTOS ANALYSIS

Asbestos and Environmental Analysis

Phone: (503) 224-5055
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Job Number: 081278

Report Number: 081278R01
Report Date: 06/23/2008

Client Sample ID: 21193.000-0022 **Sample ID:** S4 **Date Analyzed:** 06/23/2008
Client Sample Description: **Analyst:** Amber Basting

Asbestos Mineral Fibers	Percent of Sample:	Chrysotile	Amosite	Crocidolite	Percent Asbestos:
Layer 01					
vinyl, grey	97 %	2 %	-	-	**2 %**
Layer 02					
mastic, black	3 %	4 %	-	-	**4 %**

Other Fibers	Fibrous Glass	Cellulose	Mineral Wool	Synthetic	Other	Matrix	
Layer 01	-	-	-	-	-	-	98 %
Layer 02	-	-	-	-	-	-	96 %

Comments:

Client Sample ID: 21193.000-0023 **Sample ID:** S5 **Date Analyzed:** 06/23/2008
Client Sample Description: **Analyst:** Amber Basting

Asbestos Mineral Fibers	Percent of Sample:	Chrysotile	Amosite	Crocidolite	Percent Asbestos:
Layer 01					
vinyl, blue	95 %	-	-	-	**NAD**
Layer 02					
mastic, yellow	1 %	-	-	-	**NAD**
Layer 03					
compact powder, white	4 %	-	-	-	**NAD**

Other Fibers	Fibrous Glass	Cellulose	Mineral Wool	Synthetic	Other	Matrix	
Layer 01	-	-	-	-	-	-	100 %
Layer 02	-	-	-	-	-	-	100 %
Layer 03	-	-	-	-	-	-	100 %

Comments:

Client Sample ID: 21193.000-0024 **Sample ID:** S6 **Date Analyzed:** 06/23/2008
Client Sample Description: **Analyst:** Amber Basting

Asbestos Mineral Fibers	Percent of Sample:	Chrysotile	Amosite	Crocidolite	Percent Asbestos:
Layer 01					
vinyl, grey	98 %	2 %	-	-	**2 %**
Layer 02					
mastic, black	2 %	4 %	-	-	**4 %**

Other Fibers	Fibrous Glass	Cellulose	Mineral Wool	Synthetic	Other	Matrix	
Layer 01	-	-	-	-	-	-	98 %
Layer 02	-	-	-	-	-	-	96 %

Comments:

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BULK SAMPLE ASBESTOS ANALYSIS

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Job Number: 081278

Report Number: 081278R01
Report Date: 06/23/2008

Client Sample ID: 21193.000-0025 **Sample ID:** S7 **Date Analyzed:** 06/23/2008
Client Sample Description: **Analyst:** Amber Basting

Asbestos Mineral Fibers	Percent of Sample:	Chrysotile	Amosite	Crocidolite	Percent Asbestos:
Homogeneous					
fibrous tar, black	100 %	-	-	-	**NAD**

Other Fibers	Fibrous Glass	Cellulose	Mineral Wool	Synthetic	Other	Matrix	
	5 %	15 %	-	-	-	-	80 %

Comments:

Client Sample ID: 21193.000-0026 **Sample ID:** S8 **Date Analyzed:** 06/23/2008
Client Sample Description: **Analyst:** Amber Basting

Asbestos Mineral Fibers	Percent of Sample:	Chrysotile	Amosite	Crocidolite	Percent Asbestos:
Layer 01					
vinyl, brown	49 %	2 %	-	-	**2 %**
Layer 02					
mastic, black	1 %	5 %	-	-	**5 %**
Layer 03					
vinyl, green	49 %	2 %	-	-	**2 %**
Layer 04					
mastic, black	1 %	5 %	-	-	**5 %**

Other Fibers	Fibrous Glass	Cellulose	Mineral Wool	Synthetic	Other	Matrix	
Layer 01	-	-	-	-	-	-	98 %
Layer 02	-	-	-	-	-	-	95 %
Layer 03	-	-	-	-	-	-	98 %
Layer 04	-	-	-	-	-	-	95 %

Comments:

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BULK SAMPLE ASBESTOS ANALYSIS

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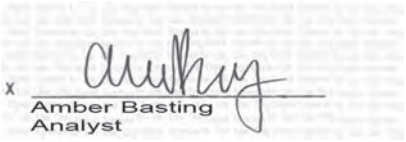
Job Number: **081278**

Report Number: 081278R01
Report Date: 06/23/2008

This laboratory participates in the National Voluntary Laboratory Accreditation Program (NVLAP).
Testing method is per 40 CFR 763 Subpart F, Appendix A, PLM.

Layered samples are considered non-homogeneous."Misc" is miscellaneous. "NAD" is No Asbestos Detected.
Asbestos consists of the following minerals: chrysotile, amosite, crocidolite, tremolite, actinolite, anthophyllite.
Small diameter fibers such as those found in vinyl floor tiles, may not be detected by PLM.
Asbestos detection interferences may result from material binders.
Qualitative and quantitative TEM analysis may be recommended for difficult samples.
Quantitative analysis by PLM point count or TEM is recommended for samples testing at < or = to 1% asbestos.
The following estimate of error for this method by visual estimation of asbestos percent are as follows:
1% asbestos: 0-3% error, 5% asbestos: 1-9% error, 10% asbestos: 5-15% error, 20% asbestos: 10-30% error.
This report pertains only to the samples listed on the report. Report considered valid only when signed by analyst.

Reviewed by:

x 
Amber Basting
Analyst

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BULK SAMPLE ASBESTOS ANALYSIS

Asbestos and Environmental Analysis

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Client: PBS Engineering + Environmental
4412 SW Corbett Ave
Portland, OR 97239

Report Number: 081652R01
Report Date: 07/25/2008

Job Number: 081652
P.O. No: n/a
Project Name:
Project Number: 21193.000 Task 0001
Project Notes:

Client Sample ID: 21193.000-0027 **Sample ID:** S1 **Date Analyzed:** 07/25/2008
Client Sample Description: **Analyst:** Emily Perkins

Asbestos Mineral Fibers	Percent of Sample:	Chrysotile	Amosite	Crocidolite	Percent Asbestos:
Layer 01					
rocky fibrous tar, black	35 %	-	-	-	**NAD**
Layer 02					
fibrous material, brown	35 %	-	-	-	**NAD**
Layer 03					
foam, yellow	30 %	-	-	-	**NAD**

Other Fibers	Fibrous Glass	Cellulose	Mineral Wool	Synthetic	Other	Matrix	
Layer 01	10 %	-	-	-	-	-	90 %
Layer 02	-	75 %	-	-	-	-	25 %
Layer 03	-	-	-	-	-	-	100 %

Comments:

Client Sample ID: 21193.000-0028 **Sample ID:** S2 **Date Analyzed:** 07/25/2008
Client Sample Description: **Analyst:** Emily Perkins

Asbestos Mineral Fibers	Percent of Sample:	Chrysotile	Amosite	Crocidolite	Percent Asbestos:
Layer 01					
rocky fibrous tar, black	35 %	-	-	-	**NAD**
Layer 02					
fibrous material, brown	35 %	-	-	-	**NAD**
Layer 03					
foam, yellow	30 %	-	-	-	**NAD**

Other Fibers	Fibrous Glass	Cellulose	Mineral Wool	Synthetic	Other	Matrix	
Layer 01	10 %	-	-	-	-	-	90 %
Layer 02	-	75 %	-	-	-	-	25 %
Layer 03	-	-	-	-	-	-	100 %

Comments:

NVLAP

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BULK SAMPLE ASBESTOS ANALYSIS

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Job Number: 081652

Report Number: 081652R01
Report Date: 07/25/2008

Client Sample ID: 21193.000-0029 **Sample ID:** S3 **Date Analyzed:** 07/25/2008
Client Sample Description: **Analyst:** Emily Perkins

Asbestos Mineral Fibers	Percent of Sample:	Chrysotile	Amosite	Crocidolite	Percent Asbestos:
Layer 01					
rocky fibrous tar, black	35 %	-	-	-	**NAD**
Layer 02					
fibrous material, brown	35 %	-	-	-	**NAD**
Layer 03					
foam, yellow	30 %	-	-	-	**NAD**

Other Fibers	Fibrous Glass	Cellulose	Mineral Wool	Synthetic	Other	Matrix	
Layer 01	10 %	-	-	-	-	-	90 %
Layer 02	-	75 %	-	-	-	-	25 %
Layer 03	-	-	-	-	-	-	100 %

Comments:

Client Sample ID: 21193.000-0030 **Sample ID:** S4 **Date Analyzed:** 07/25/2008
Client Sample Description: **Analyst:** Emily Perkins

Asbestos Mineral Fibers	Percent of Sample:	Chrysotile	Amosite	Crocidolite	Percent Asbestos:
Layer 01					
rocky fibrous tar, black	35 %	-	-	-	**NAD**
Layer 02					
fibrous material, brown	35 %	-	-	-	**NAD**
Layer 03					
foam, yellow	30 %	-	-	-	**NAD**

Other Fibers	Fibrous Glass	Cellulose	Mineral Wool	Synthetic	Other	Matrix	
Layer 01	10 %	-	-	-	-	-	90 %
Layer 02	-	75 %	-	-	-	-	25 %
Layer 03	-	-	-	-	-	-	100 %

Comments:

Client Sample ID: 21193.000-0031 **Sample ID:** S5 **Date Analyzed:** 07/25/2008
Client Sample Description: **Analyst:** Emily Perkins

Asbestos Mineral Fibers	Percent of Sample:	Chrysotile	Amosite	Crocidolite	Percent Asbestos:
Layer 01					
rocky fibrous tar, black	35 %	-	-	-	**NAD**
Layer 02					
fibrous material, brown	35 %	-	-	-	**NAD**
Layer 03					
foam, yellow	30 %	-	-	-	**NAD**

Other Fibers	Fibrous Glass	Cellulose	Mineral Wool	Synthetic	Other	Matrix	
Layer 01	10 %	-	-	-	-	-	90 %
Layer 02	-	75 %	-	-	-	-	25 %
Layer 03	-	-	-	-	-	-	100 %

Comments:

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Job Number: 081652

Report Number: 081652R01
Report Date: 07/25/2008

Client Sample ID: 21193.000-0032 **Sample ID:** S6 **Date Analyzed:** 07/25/2008
Client Sample Description: **Analyst:** Emily Perkins

Asbestos Mineral Fibers	Percent of Sample:	Chrysotile	Amosite	Crocidolite	Percent Asbestos:
Layer 01					
rocky fibrous tar, black	60 %	-	-	-	**NAD**
Layer 02					
fibrous material, brown	40 %	-	-	-	**NAD**

Other Fibers	Fibrous Glass	Cellulose	Mineral Wool	Synthetic	Other	Matrix
Layer 01	10 %	-	-	-	-	90 %
Layer 02	-	75 %	-	-	-	25 %

Comments:

Client Sample ID: 21193.000-0033 **Sample ID:** S7 **Date Analyzed:** 07/25/2008
Client Sample Description: **Analyst:** Emily Perkins

Asbestos Mineral Fibers	Percent of Sample:	Chrysotile	Amosite	Crocidolite	Percent Asbestos:
Layer 01					
rocky fibrous tar, black	35 %	-	-	-	**NAD**
Layer 02					
fibrous material, brown	35 %	-	-	-	**NAD**
Layer 03					
foam, yellow	30 %	-	-	-	**NAD**

Other Fibers	Fibrous Glass	Cellulose	Mineral Wool	Synthetic	Other	Matrix
Layer 01	10 %	-	-	-	-	90 %
Layer 02	-	75 %	-	-	-	25 %
Layer 03	-	-	-	-	-	100 %

Comments:

Client Sample ID: 21193.000-0034 **Sample ID:** S8 **Date Analyzed:** 07/25/2008
Client Sample Description: **Analyst:** Emily Perkins

Asbestos Mineral Fibers	Percent of Sample:	Chrysotile	Amosite	Crocidolite	Percent Asbestos:
Layer 01					
tar, black	90 %	-	-	-	**NAD**
Layer 02					
paint, silver	5 %	-	-	-	**NAD**
Layer 03					
metal sheet, silver	5 %	-	-	-	

Other Fibers	Fibrous Glass	Cellulose	Mineral Wool	Synthetic	Other	Matrix
Layer 01	5 %	-	-	-	-	95 %
Layer 02	-	-	-	-	-	100 %
Layer 03	-	-	-	-	-	-

Comments: Metal sheet not analyzed.

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BULK SAMPLE ASBESTOS ANALYSIS

Asbestos and Environmental Analysis

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Job Number: 081652

Report Number: 081652R01
Report Date: 07/25/2008

Client Sample ID: 21193.000-0035 **Sample ID:** S9 **Date Analyzed:** 07/25/2008
Client Sample Description: **Analyst:** Emily Perkins

Asbestos Mineral Fibers	Percent of Sample:	Chrysotile	Amosite	Crocidolite	Percent Asbestos:
Layer 01					
rocky fibrous tar, black	50 %	-	-	-	**NAD**
Layer 02					
fibrous material, brown	50 %	-	-	-	**NAD**

Other Fibers	Fibrous Glass	Cellulose	Mineral Wool	Synthetic	Other	Matrix	
Layer 01	10 %	-	-	-	-	-	90 %
Layer 02	-	75 %	-	-	-	-	25 %

Comments:

Client Sample ID: 21193.000-0036 **Sample ID:** S10 **Date Analyzed:** 07/25/2008
Client Sample Description: **Analyst:** Emily Perkins

Asbestos Mineral Fibers	Percent of Sample:	Chrysotile	Amosite	Crocidolite	Percent Asbestos:
Layer 01					
rocky fibrous tar, black	35 %	-	-	-	**NAD**
Layer 02					
fibrous material, brown	35 %	-	-	-	**NAD**
Layer 03					
foam, yellow	30 %	-	-	-	**NAD**

Other Fibers	Fibrous Glass	Cellulose	Mineral Wool	Synthetic	Other	Matrix	
Layer 01	10 %	-	-	-	-	-	90 %
Layer 02	-	75 %	-	-	-	-	25 %
Layer 03	-	-	-	-	-	-	100 %

Comments:

Client Sample ID: 21193.000-0037 **Sample ID:** S11 **Date Analyzed:** 07/25/2008
Client Sample Description: **Analyst:** Emily Perkins

Asbestos Mineral Fibers	Percent of Sample:	Chrysotile	Amosite	Crocidolite	Percent Asbestos:
Layer 01					
rocky fibrous tar, black	95 %	-	-	-	**NAD**
Layer 02					
metal sheet, silver	5 %	-	-	-	

Other Fibers	Fibrous Glass	Cellulose	Mineral Wool	Synthetic	Other	Matrix	
Layer 01	15 %	-	-	-	-	-	85 %
Layer 02	-	-	-	-	-	-	-

Comments: Metal sheet not analyzed.

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BULK SAMPLE ASBESTOS ANALYSIS

Asbestos and Environmental Analysis

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Job Number: 081652

Report Number: 081652R01
Report Date: 07/25/2008

Client Sample ID: 21193.000-0038 **Sample ID:** S12 **Date Analyzed:** 07/25/2008
Client Sample Description: **Analyst:** Emily Perkins

Asbestos Mineral Fibers	Percent of Sample:	Chrysotile	Amosite	Crocidolite	**Percent Asbestos:**
Homogeneous					
cementitious material, grey	100 %	-	-	-	**NAD**

Other Fibers	Fibrous Glass	Cellulose	Mineral Wool	Synthetic	Other		Matrix	
	-	-	-	-	Wollastonite	5 %	-	95 %

Comments:

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Testing method is per 40 CFR 763 Subpart F, Appendix A, PLM.

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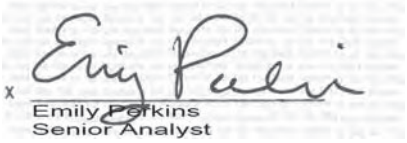
Qualitative and quantitative TEM analysis may be recommended for difficult samples.
Quantitative analysis by PLM point count or TEM is recommended for samples testing at < or = to 1% asbestos.
The following estimate of error for this method by visual estimation of asbestos percent are as follows:
1% asbestos: 0-3% error, 5% asbestos: 1-9% error, 10% asbestos: 5-15% error, 20% asbestos: 10-30% error.
This report pertains only to the samples listed on the report. Report considered valid only when signed by analyst.

Reviewed by:



081216

PBS Engineering + Environmental

TRANSMITTAL AND CHAIN OF CUSTODY FOR ASBESTOS BULK SAMPLES

Project No.: 21193.000 Task 0001

Individuals signing this form warrant that the information provided is correct and complete. The Sender should keep a copy and send the original. The Receiver should complete the form, keep a copy and return the original to the Sender. Receiver shall report damage of package immediately to Sender.

SENDER

Date Sent: June 13, 2008

PBS Engineering + Environmental
4412 SW Corbett Avenue
Portland, OR 97239
503.248.1939, Fax: 503.248.0223

Tamara Anderson
Name

Tamara Anderson 6/13/08
Authorized Signature **Date**

RECEIVER

Date Received: 6/13/08 12:40

Company: Lab Cor
Address: 4321 SW Corbett Ave Ste A
Portland, OR 97239
503-224-5055

Amber Basting
Name

Amber 6/13/08
Authorized Signature **Date**

Sender's ID No.	Brief Description	Receiver's ID No.
21193.000-0001		
21193.000-0002		
21193.000-0003		
21193.000-0004		
21193.000-0005		
21193.000-0006		
21193.000-0007		
21193.000-0008		
21193.000-0009		
21193.000-0010		
21193.000-0011		
21193.000-0012		
21193.000-0013		
21193.000-0014		
21193.000-0015		

PBS Engineering + Environmental

TRANSMITTAL AND CHAIN OF CUSTODY FOR ASBESTOS BULK SAMPLES

21193.000-0016 _____ _____

21193.000-0017 _____ _____

21193.000-0018 _____ _____

Please analyze the enclosed 18 sample(s) for asbestos content using PLM with dispersion staining. PBS requests prior notification if samples will be disposed.
Request verbal results by: _____ AM/PM _____Date.

Please fax and mail the results to the above address.

TURNAROUND DESIRED: **48 Hour**

SPECIAL INSTRUCTIONS:

081278

PBS Engineering + Environmental

TRANSMITTAL AND CHAIN OF CUSTODY FOR ASBESTOS BULK SAMPLES

Project No.: 21193.000 Task 0001

Individuals signing this form warrant that the information provided is correct and complete. The Sender should keep a copy and send the original. The Receiver should complete the form, keep a copy and return the original to the Sender. Receiver shall report damage of package immediately to Sender.

SENDER

Date Sent: June 20, 2008

PBS Engineering + Environmental
4412 SW Corbett Avenue
Portland, OR 97239
503.248.1939, Fax: 503.248.0223

Tamara Anderson
Name

Tamara Anderson 6/20/08
Authorized Signature **Date**

RECEIVER

Date Received: 2:00 pm

Company: Lab Cor
Address: 4321 SW Corbett Ave Ste A
Portland, OR 97239
503-224-5055

Lisa Majorsdon
Name

Lisa C. M 6/20/08
Authorized Signature **Date**

Sender's ID No.	Brief Description	Receiver's ID No.
21193.000-0019		
21193.000-0020		
21193.000-0021		
21193.000-0022		
21193.000-0023		
21193.000-0024		
21193.000-0025		
21193.000-0026		

Please analyze the enclosed 8 sample(s) for asbestos content using PLM with dispersion staining. PBS requests prior notification if samples will be disposed.
Request verbal results by: _____ AM/PM _____Date.
Please fax and mail the results to the above address.
TURNAROUND DESIRED: **48 Hour**

SPECIAL INSTRUCTIONS:

CL

081652

PBS Engineering + Environmental

TRANSMITTAL AND CHAIN OF CUSTODY FOR ASBESTOS BULK SAMPLES

Project No.: 21193.000 Task 0001

Individuals signing this form warrant that the information provided is correct and complete. The Sender should keep a copy and send the original. The Receiver should complete the form, keep a copy and return the original to the Sender. Receiver shall report damage of package immediately to Sender.

SENDER

Date Sent: July 24, 2008

PBS Engineering + Environmental
4412 SW Corbett Avenue
Portland, OR 97239
503.248.1939, Fax: 503.248.0223

Tamara Anderson
Name

Tamara Anderson 7/24/08
Authorized Signature **Date**

RECEIVER

Date Received: 7/24/08

Company: Lab Cor
Address: 4321 SW Corbett Ave Ste A
Portland, OR 97239
503-224-5055

Lisa C. Majewski
Name

Lisa C. Majewski 4:00
Authorized Signature **Date**

Sender's ID No.	Brief Description	Receiver's ID No.
21193.000-0027		
21193.000-0028		
21193.000-0029		
21193.000-0030		
21193.000-0031		
21193.000-0032		
21193.000-0033		
21193.000-0034		
21193.000-0035		
21193.000-0036		
21193.000-0037		
21193.000-0038		

PBS | Engineering + Environmental

TRANSMITTAL AND CHAIN OF CUSTODY FOR ASBESTOS BULK SAMPLES

Please analyze the enclosed 12 sample(s) for asbestos content using PLM with dispersion staining. PBS requests prior notification if samples will be disposed.
Request verbal results by: _____ AM/PM _____Date.

Please fax and mail the results to the above address.

TURNAROUND DESIRED: **24 Hour**

SPECIAL INSTRUCTIONS:

CM

RJ Lee*Group*, Inc.
350 Hochberg Road, Monroeville, PA 15146
Tel: (724) 325-1776 | Fax: (724) 733-1799

LABORATORY REPORT

PBS Environmental - Portland, OR
4412 SW Corbett Avenue
Portland, OR 97239-4207

Attn: Tamara Anderson
Phone: (503) 248-1939
Fax: (503) 248-0223
Email: tamara_anderson@pbsenv.com

RJ Lee Group Job No.: CA160620080011
Samples Received: June 16, 2008
Report Date: June 23, 2008
Client Project: 21193.001 Task 0001
Purchase Order No.: N/A
Matrix: Solid
Prep/Analysis: EPA 3050B / EPA 7420 (Solids)-PA

Client Sample ID	RJ Lee Group ID	Sampling Date	Analyte	Sample Concentration		Minimum Reporting Limit		Analysis Date	Q
				Weight Percent (%)	Parts per Million (PPM)	Weight Percent (%)	Parts per Million (PPM)		
LB21193.001-1001	CA160620080011-001	N/A	Lead	0.0118	118	0.00962	96.2	06/20/2008	
LB21193.001-1002	CA160620080011-002	N/A	Lead	0.0993	993	0.0119	119	06/20/2008	
LB21193.001-1003	CA160620080011-003	N/A	Lead	0.0159	159	0.00825	82.5	06/20/2008	
LB21193.001-1004	CA160620080011-004	N/A	Lead	4.25	42500	0.00778	77.8	06/20/2008	
LB21193.001-1005	CA160620080011-005	N/A	Lead	< 0.00975	< 97.5	0.00975	97.5	06/20/2008	
LB21193.001-1006	CA160620080011-006	N/A	Lead	0.0518	518	0.00982	98.2	06/20/2008	
LB21193.001-1007	CA160620080011-007	N/A	Lead	0.269	2690	0.00844	84.4	06/20/2008	
LB21193.001-1008	CA160620080011-008	N/A	Lead	0.239	2390	0.00959	95.9	06/20/2008	
LB21193.001-1009	CA160620080011-009	N/A	Lead	3.35	33500	0.00778	77.8	06/20/2008	
LB21193.001-1010	CA160620080011-010	N/A	Lead	2.70	27000	0.00742	74.2	06/20/2008	
LB21193.001-1011	CA160620080011-011	N/A	Lead	< 0.00521	< 52.1	0.00521	52.1	06/20/2008	
LB21193.001-1012	CA160620080011-012	N/A	Lead	< 0.00982	< 98.2	0.00982	98.2	06/20/2008	
LB21193.001-1013	CA160620080011-013	N/A	Lead	0.190	1900	0.00854	85.4	06/20/2008	
LB21193.001-1014	CA160620080011-014	N/A	Lead	0.795	7950	0.00557	55.7	06/20/2008	
LB21193.001-1015	CA160620080011-015	N/A	Lead	0.0778	778	0.00890	89.0	06/20/2008	
LB21193.001-1016	CA160620080011-016	N/A	Lead	3.39	33900	0.00917	91.7	06/20/2008	
LB21193.001-1017	CA160620080011-017	N/A	Lead	0.504	5040	0.00665	66.5	06/20/2008	
LB21193.001-1018	CA160620080011-018	N/A	Lead	0.0446	446	0.00821	82.1	06/20/2008	
LB21193.001-1019	CA160620080011-019	N/A	Lead	0.197	1970	0.00839	83.9	06/20/2008	
LB21193.001-1020	CA160620080011-020	N/A	Lead	1.87	18700	0.00669	66.9	06/20/2008	
LB21193.001-1021	CA160620080011-021	N/A	Lead	2.81	28100	0.00984	98.4	06/20/2008	

Philip Grindle

Philip Grindle

RJ Lee*Group* , Inc.
350 Hochberg Road, Monroeville, PA 15146
Tel: (724) 325-1776 | Fax: (724) 733-1799

LABORATORY REPORT

PBS Environmental - Portland, OR
4412 SW Corbett Avenue
Portland, OR 97239-4207

Attn: Tamara Anderson
Phone: (503) 248-1939
Fax: (503) 248-0223
Email: tamara_anderson@pbsenv.com

RJ Lee Group Job No.: CA160620080011
Samples Received: June 16, 2008
Report Date: June 23, 2008
Client Project: 21193.001 Task 0001
Purchase Order No.: N/A
Matrix: Solid
Prep/Analysis: EPA 3050B / EPA 7420 (Solids)-PA

Client Sample ID	RJ Lee Group ID	Sampling Date	Analyte	Sample Concentration		Minimum Reporting Limit		Analysis Date	Q
				Weight Percent (%)	Parts per Million (PPM)	Weight Percent (%)	Parts per Million (PPM)		
LB21193.001-1022	CA160620080011-022	N/A	Lead	< 0.00958	< 95.8	0.00958	95.8	06/20/2008	

Analyst Comments:

Report Qualifiers (Q):
H = Holding times for preparation or analysis exceeded
P = NELAC[a] analyte certification pending
N = Analyte not NELAC[a] certified
[a]NELAC-National Environmental Laboratory Accreditation Conference
E = Value above highest calibration standard but below LDR (Linear Dynamic Range)
J = Value below lowest calibration standard but above MDL (Method Detection Limit)
L = LCS (Laboratory Control Standard)/SRM (Standard Reference Material) recovery outside accepted recovery limits
B = Analyte detected in the associated Method Blank
S = Spike Recovery outside accepted recovery limits
R = RPD (relative percent difference) outside accepted recovery limits

Philip Grindle

Philip Grindle

RJ Lee*Group*, Inc.
350 Hochberg Road, Monroeville, PA 15146
Tel: (724) 325-1776 | Fax: (724) 733-1799

LABORATORY REPORT

PBS Environmental - Portland, OR
4412 SW Corbett Avenue
Portland, OR 97239-4207

Attn: Tamara Anderson
Phone: (503) 248-1939
Fax: (503) 248-0223
Email: tamara_anderson@pbsenv.com

RJ Lee Group Job No.: CA25072008P003
Samples Received: July 25, 2008
Report Date: July 28, 2008
Client Project: 21193.001 Task 0001
Purchase Order No.: N/A
Matrix: Solid
Prep/Analysis: EPA 3050B / EPA 7420 (Solids)-PA

Client Sample ID	RJ Lee Group ID	Sampling Date	Analyte	Sample Concentration		Minimum Reporting Limit		Analysis Date	Q
				Weight Percent (%)	Parts per Million (PPM)	Weight Percent (%)	Parts per Million (PPM)		
LB21193.001-1023	CA25072008P003-001	N/A	Lead	0.0516	516	0.00901	90.1	07/28/2008	
LB21193.001-1024	CA25072008P003-002	N/A	Lead	< 0.0122	< 122	0.0122	122	07/28/2008	
LB21193.001-1025	CA25072008P003-003	N/A	Lead	5.79	57900	0.00660	66.0	07/28/2008	
LB21193.001-1026	CA25072008P003-004	N/A	Lead	0.108	1080	0.00809	80.9	07/28/2008	
LB21193.001-1027	CA25072008P003-005	N/A	Lead	0.536	5360	0.00649	64.9	07/28/2008	
LB21193.001-1028	CA25072008P003-006	N/A	Lead	0.678	6780	0.00693	69.3	07/28/2008	
LB21193.001-1029	CA25072008P003-007	N/A	Lead	0.0309	309	0.0135	135	07/28/2008	
LB21193.001-1030	CA25072008P003-008	N/A	Lead	3.06	30600	0.00721	72.1	07/28/2008	

Analyst Comments:

Report Qualifiers (Q):
H = Holding times for preparation or analysis exceeded
P = NELAC" analyte certification pending
N = Analyte not NELAC" certified
"NELAC-National Environmental Laboratory Accreditation Conference
E = Value above highest calibration standard but below LDR (Linear Dynamic Range)
J = Value below lowest calibration standard but above MDL (Method Detection Limit)
L = LCS (Laboratory Control Standard)/SRM (Standard Reference Material) recovery outside accepted recovery limits
B = Analyte detected in the associated Method Blank
S = Spike Recovery outside accepted recovery limits
R = RPD (relative percent difference) outside accepted recovery limits

Philip Grindle

Philip Grindle

PBS | Engineering + Environmental

TRANSMITTAL AND CHAIN OF CUSTODY FOR LEAD BULK SAMPLES

Project No.: 21193.001 Task 0001

Individuals signing this form warrant that the information provided is correct and complete. The Sender should keep a copy and send the original. The Receiver should complete the form, keep a copy and return the original to the Sender. Receiver shall report damage of package immediately to Sender.

SENDER

Date Sent: June 13, 2008

PBS Engineering + Environmental
4412 SW Corbett Avenue
Portland, OR 97239
503.248.1939, Fax: 503.248.0223

Tamara Landreth
Name

Tamara Landreth 6/13/08
Authorized Signature Date

RECEIVER

Date Received: _____

Company: R.J. Lee Group
Address: 350 Hochberg Road
Monroeville, PA 15146
(724) 325-177

_____
Name

L. Whitehead 06-16-08
Authorized Signature Date

Sender's ID No.	Brief Description	Receiver's ID No.
LB21193.001-1001		
LB21193.001-1002		
LB21193.001-1003		
LB21193.001-1004		
LB21193.001-1005		
LB21193.001-1006		
LB21193.001-1007		
LB21193.001-1008		
LB21193.001-1009		
LB21193.001-1010		
LB21193.001-1011		
LB21193.001-1012		
LB21193.001-1013		
LB21193.001-1014		
LB21193.001-1015		
LB21193.001-1016		
LB21193.001-1017		
LB21193.001-1018		

PBS | Engineering + Environmental

TRANSMITTAL AND CHAIN OF CUSTODY FOR LEAD BULK SAMPLES

LB21193.001-1019		
LB21193.001-1020		
LB21193.001-1021		
LB21193.001-1022		

ANALYSIS REQUESTED:

LEAD:
- ☑ Paint
- ☐ Wipe
- ☐ Soil/Misc.
- ☐ Air
- ☐ TCLP

Please analyze the enclosed 22 sample(s) for LEAD content using Atomic Absorption Method. PBS requests prior notification if samples will be disposed.

Please fax and mail the results to the above address.

TURNAROUND DESIRED:

5 Day

SPECIAL INSTRUCTIONS:

CM

PBS | Engineering + Environmental

3

TRANSMITTAL AND CHAIN OF CUSTODY FOR LEAD BULK SAMPLES

Project No.: 21193.001 Task 0001

Individuals signing this form warrant that the information provided is correct and complete. The Sender should keep a copy and send the original. The Receiver should complete the form, keep a copy and return the original to the Sender. Receiver shall report damage of package immediately to Sender.

SENDER

Date Sent: July 24, 2008

PBS Engineering + Environmental
4412 SW Corbett Avenue
Portland, OR 97239
503.248.1939, Fax: 503.248.0223

Tamara Anderson
Name

Tamara Anderson 7/24/08
Authorized Signature **Date**

RECEIVER

Date Received: 07/25/08

Company: R.J. Lee Group
Address: 350 Hochberg Road
Monroeville, PA 15146
(724) 325-177

Karen Oska
Name

Kara Oh 07/25/08 10:00AM
Authorized Signature **Date**

Sender's ID No.	Brief Description	Receiver's ID No.
LB21193.001-1023		
LB21193.001-1024		
LB21193.001-1025		
LB21193.001-1026		
LB21193.001-1027		
LB21193.001-1028		
LB21193.001-1029		
LB21193.001-1030		

ANALYSIS REQUESTED:

LEAD:
- ☑ Paint
- ☐ Wipe
- ☐ Soil/Misc.
- ☐ Air
- ☐ TCLP

Please analyze the enclosed 8 sample(s) for LEAD content using Atomic Absorption Method. PBS requests prior notification if samples will be disposed.

Please fax and mail the results to the above address.

TURNAROUND DESIRED:

24 Hour

SPECIAL INSTRUCTIONS:

CN

Code	Material	Location	Date	Lab
08232.015-001	Ramp floor covering	Tunnels	12/13/1995	R.J. Lee Group
		Analysis: No Asbestos Detected		
08232.015-002	Duct Felt Tape	On Duct in tunnel (elevator rm)	12/13/1995	R.J. Lee Group
		Analysis: 95% Chrysotile (grey insul)		
08232.015-003	Insulating wrap	Around pipe going through wall	12/13/1995	R.J. Lee Group
		Analysis: 60% Chrysotile (grey insul)		
08232.015-004	Hard Fittings/Fiberglass	Tunnels	12/13/1995	R.J. Lee Group
		Analysis: No Asbestos Detected		
08232.015-005	Hard Fittings/Fiberglass	Tunnels	12/13/1995	R.J. Lee Group
		Analysis: No Asbestos Detected		
08232.015-006	Hard Fittings/Fiberglass	Tunnels	12/13/1995	R.J. Lee Group
		Analysis: No Asbestos Detected		

Note: This report printed using archive data from the PBS DOS-based database system

Code	Material	Location	Date	Lab
08232.015-007	Hard Fittings/Fiberglass	Tunnels	12/13/1995	R.J. Lee Group
		Analysis: No Asbestos Detected		
08232.015-008	Hard Fittings/Fiberglass	Tunnels	12/13/1995	R.J. Lee Group
		Analysis: No Asbestos Detected		
08232.015-100	Lay-in Ceiling Tile (1)	Foyer Stamp Area	12/13/1995	R.J. Lee Group
		Analysis: No Asbestos Detected		
08232.015-101	Lay-in Ceiling Tile (1)	Foyer Stamp Area	12/13/1995	R.J. Lee Group
		Analysis: No Asbestos Detected		
08232.015-102	Mechanical Isolation Cloth	Upper mechanical rom above lunch rm	12/13/1995	R.J. Lee Group
		Analysis: No Asbestos Detected		
08232.015-103	Hard Fittings/Fiberglass	Upper mechanical rom above lunch rm	12/13/1995	R.J. Lee Group
		Analysis: No Asbestos Detected		

Note: This report printed using archive data from the PBS DOS-based database system

Code	Material	Location	Date	Lab
08232.015-104	Hard Fittings/Fiberglass	Upper mechanical rom above lunch rm **Analysis:** No Asbestos Detected	12/13/1995	R.J. Lee Group
08232.015-105	Mastic	Associated with non-suspect GCT Lunchroom **Analysis:** No Asbestos Detected	12/13/1995	R.J. Lee Group
08232.015-106	Lagging	Upper mech. rm above lunch room **Analysis:** No Asbestos Detected	12/13/1995	R.J. Lee Group
08232.015-107	Vinyl Floor Tile 9X9 (2)	NW Corner of Workroom **Analysis:** 1% Chrysotile (grey tile) 1% Chrysotile (mastic)	12/13/1995	R.J. Lee Group
08232.015-108	Vinyl Floor Tile (6)	Black 1X2, West work room floor **Analysis:** No Asbestos Detected	12/13/1995	R.J. Lee Group
08232.015-109	Covebase/Mastic (3)	4" Grey; Locker rm SW **Analysis:** No Asbestos Detected	12/13/1995	R.J. Lee Group

Note: This report printed using archive data from the PBS DOS-based database system

Code	Material	Location	Date	Lab
08232.015-110	Vinyl Floor Tile (6)	Black 1X2; West work room floor **Analysis:** No Asbestos Detected	12/13/1995	R.J. Lee Group
08232.015-111	Vinyl Floor Tile (2)	Grey 9X9; West corner of workroom **Analysis:** 1% Chrysotile (grey tile) 1% Chrysotile (mastic)	12/13/1995	R.J. Lee Group
08232.015-112	Gypsum Wallboard/Joint Compnd	Wall in locker room SW **Analysis:** No Asbestos Detected	12/13/1995	R.J. Lee Group
08232.015-113	Mastic	Associated w/non-suspect GCT **Analysis:** No Asbestos Detected	12/13/1995	R.J. Lee Group
08232.015-114	Hard Fittings/Fiberglass	Main work area 1st floor - NW **Analysis:** No Asbestos Detected	12/13/1995	R.J. Lee Group
08232.015-115	Hard Fittings/Fiberglass	Main work area 1st floor - NW **Analysis:** No Asbestos Detected	12/13/1995	R.J. Lee Group

Note: This report printed using archive data from the PBS DOS-based database system

Code	Material	Location	Date	Lab
08232.015-116	Hard Fittings/Fiberglass	Main work area 1st floor - NE	12/13/1995	R.J. Lee Group
		Analysis: No Asbestos Detected		
08232.015-117	Hard Fittings/Fiberglass	Main work area 1st floor - SW	12/13/1995	R.J. Lee Group
		Analysis: No Asbestos Detected		
08232.015-118	Hard Fittings/Fiberglass	Main work area 1st floor - SW	12/13/1995	R.J. Lee Group
		Analysis: No Asbestos Detected		
08232.015-119	Hard Fittings/Fiberglass	Main work area 1st floor - SE	12/13/1995	R.J. Lee Group
		Analysis: No Asbestos Detected		
08232.015-120	Vinyl Floor Tile Black 12X12 (8)	Near east freight elevator	12/13/1995	R.J. Lee Group
		Analysis: No Asbestos Detected		
08232.015-121	Vinyl Floor Tile (6)	West Freight elevator floor	12/13/1995	R.J. Lee Group
		Analysis: No Asbestos Detected		

Note: This report printed using archive data from the PBS DOS-based database system

Code	Material	Location	Date	Lab
08232.015-122	Vinyl Floor Tile (1)	Behind post office boxes **Analysis:** 1% Chrysotile (grey tile) 2% Chrysotile (mastic)	12/13/1995	R.J. Lee Group
08232.015-123	Vinyl Floor Tile (1)	North Men's restroom Main workroom floor **Analysis:** 1% Chrysotile (grey tile) 3% Chrysotile (mastic)	12/13/1995	R.J. Lee Group
08232.015-124	Hard Fittings/Fiberglass	Upper Mechanical room above storage (East mechanical room) **Analysis:** 7% Chrysotile (grey insul.)	12/13/1995	R.J. Lee Group
08232.015-125	Hard Fittings/Fiberglass	East upper mech room - west end **Analysis:** 8% Chrysotile (grey insul.)	12/13/1995	R.J. Lee Group
08232.015-126	Hard Fittings/Fiberglass	East upper mech room - west end **Analysis:** 8% Chrysotile (grey insul.)	12/13/1995	R.J. Lee Group
08232.015-127	Hard Fittings/Fiberglass	East upper mech room - east end **Analysis:** 10% Chrysotile (grey insul.)	12/13/1995	R.J. Lee Group

Note: This report printed using archive data from the PBS DOS-based database system

Code	Material	Location	Date	Lab
08232.015-128	Covebase/Mastic (1)	Behind post office boxes **Analysis:** No Asbestos Detected	12/13/1995	R.J. Lee Group
08232.015-129	Covebase/Mastic (2)	Main foyer entrance **Analysis:** No Asbestos Detected	12/13/1995	R.J. Lee Group
08232.015-130	Wall and Ceiling Plaster	Damaged ceiling in janitor's closet Room 1065 **Analysis:** No Asbestos Detected	12/13/1995	R.J. Lee Group
08232.015-131	Vinyl Floor Tile 9X9 tan (7)	West Dispatch room **Analysis:** 1% Chrysotile (grey tile)	12/13/1995	R.J. Lee Group
08232.015-132	Vinyl Floor Tile (3)	In teller/customer services area **Analysis:** No Asbestos Detected	12/13/1995	R.J. Lee Group
08232.015-133	Vinyl Floor Tile 18" red (4)	Near P.O. boxes in foyer **Analysis:** No Asbestos Detected	12/13/1995	R.J. Lee Group

Note: This report printed using archive data from the PBS DOS-based database system

Code	Material	Location	Date	Lab
08232.015-134	Vinyl Floor Tile 18" white (5)	Near P.O. boxes in foyer	12/13/1995	R.J. Lee Group
		Analysis: No Asbestos Detected		
08232.015-135	Material Debris	Upper mechanical room West of service elevators	12/13/1995	R.J. Lee Group
		Analysis: No Asbestos Detected		
08232.015-136	Wall and Ceiling Plaster	Janitors closet Room 1065	12/13/1995	R.J. Lee Group
		Analysis: No Asbestos Detected		
08232.015-137	Wall and Ceiling Plaster	South wall near loading dock	12/13/1995	R.J. Lee Group
		Analysis: No Asbestos Detected		
08232.015-138	Wall and Ceiling Plaster	North lunchroom wall Ext - work room side	12/13/1995	R.J. Lee Group
		Analysis: No Asbestos Detected		
08232.015-139	Gypsum Wallboard	Back side of P.O. boxes wall	12/13/1995	R.J. Lee Group
		Analysis: No Asbestos Detected		

Note: This report printed using archive data from the PBS DOS-based database system

Code	Material	Location	Date	Lab
08232.015-140	Gypsum Wallboard	NW far corner of work room **Analysis:** No Asbestos Detected	12/13/1995	R.J. Lee Group
08232.015-141	Gypsum Wallboard	S. wall office space near load out **Analysis:** No Asbestos Detected	12/13/1995	R.J. Lee Group
08232.015-142	Duct Felt Tape	Janitors storage area SE end of work room **Analysis:** 99% Chrysotile (grey insul)	12/13/1995	R.J. Lee Group
08232.015-143	Lagging/Non-asbestos Material	Main work floor **Analysis:** No Asbestos Detected	12/13/1995	R.J. Lee Group
08232.015-144	Lagging/Non-asbestos Material	Main work floor **Analysis:** No Asbestos Detected	12/13/1995	R.J. Lee Group
08232.015-200	Hard Fittings/Fiberglass	Hallway outside room 2003 **Analysis:** No Asbestos Detected	12/13/1995	R.J. Lee Group

Note: This report printed using archive data from the PBS DOS-based database system

Code	Material	Location	Date	Lab
08232.015-201	Hard Fittings/Fiberglass	Hallway outside room 2003	12/13/1995	R.J. Lee Group
		Analysis: No Asbestos Detected		
08232.015-202	Duct Felt Tape	Above ceiling Room 2003-A	12/13/1995	R.J. Lee Group
		Analysis: 90% Chrysotile (grey insul)		
08232.015-203	Hard Fittings/Fiberglass	Above ceiling Room 2023	12/13/1995	R.J. Lee Group
		Analysis: No Asbestos Detected		
08232.015-204	Hard Fittings/Fiberglass	Above ceiling Room 2023	12/13/1995	R.J. Lee Group
		Analysis: No Asbestos Detected		
08232.015-205	Vinyl Floor Tile (1)	Hallway outside Room 2025	12/13/1995	R.J. Lee Group
		Analysis: 5% Chrysotile (grey tile) 5% Chrysotile (mastic)		
08232.015-206	Vinyl Floor Tile (1)	Closet room 2022	12/13/1995	R.J. Lee Group
		Analysis: 5% Chrysotile (grey tile) 1% Chrysotile (mastic)		

Note: This report printed using archive data from the PBS DOS-based database system

Code	Material	Location	Date	Lab
08232.015-207	Vinyl Floor Tile (2)	Storage area SW Corner **Analysis:** 5% Chrysotile (grey tile) 3% Chrysotile (mastic)	12/13/1995	R.J. Lee Group
08232.015-208	Covebase/Mastic (1)	Room 2015 **Analysis:** No Asbestos Detected	12/13/1995	R.J. Lee Group
08232.015-209	Covebase/Mastic (3)	Room 2009 **Analysis:** No Asbestos Detected	12/13/1995	R.J. Lee Group
08232.015-210	Lay-in Ceiling Tile (1)	South hallway **Analysis:** No Asbestos Detected	12/13/1995	R.J. Lee Group
08232.015-211	Lay-in Ceiling Tile (1)	2d floor elevator lobby **Analysis:** No Asbestos Detected	12/13/1995	R.J. Lee Group
08232.015-212	Covebase/Mastic (2)	Room 2001 **Analysis:** No Asbestos Detected	12/13/1995	R.J. Lee Group

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Code	Material	Location	Date	Lab
08232.015-300	Lay-in Ceiling Tile (3)	Work room office area Room 2130-A **Analysis:** No Asbestos Detected	12/13/1995	R.J. Lee Group
08232.015-301	Lay-in Ceiling Tile (3)	Office, 3d floor Rom 2148-A **Analysis:** No Asbestos Detected	12/13/1995	R.J. Lee Group
08232.015-302	Lay-in Ceiling Tile (1)	Foyer area - near elevator 3d floor **Analysis:** No Asbestos Detected	12/13/1995	R.J. Lee Group
08232.015-303	Lay-in Ceiling Tile (1)	Office space Rm 3021-A **Analysis:** No Asbestos Detected	12/13/1995	R.J. Lee Group
08232.015-304	Glued-on Ceiling Tiles/Mastic	Associated w/non-suspct GCT Rm 2111 **Analysis:** No Asbestos Detected	12/13/1995	R.J. Lee Group
08232.015-305	Glued-on Ceiling Tiles/Mastic	Associated w/non-suspct GCT Rm 2123 **Analysis:** No Asbestos Detected	12/13/1995	R.J. Lee Group

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Code	Material	Location	Date	Lab
08232.015-306	Duct Felt Tape	In hatch - Room 2111	12/13/1995	R.J. Lee Group
		Analysis: 90% Chrysotile (grey duct tape)		
08232.015-307	Mechanical Isolation Cloth	In hatch - Room 2111	12/13/1995	R.J. Lee Group
		Analysis: No Asbestos Detected		
08232.015-308	Wall/Ceiling plaster(spray on)	Overspray on duct above Rm 2111	12/13/1995	R.J. Lee Group
		Analysis: No Asbestos Detected		
08232.015-309	Wall/Ceiling plaster(spray on)	In hatch in Rom 2123	12/13/1995	R.J. Lee Group
		Analysis: No Asbestos Detected		
08232.015-310	Hard Fittings/Fiberglass	In ceiling outside of Room 3007	12/13/1995	R.J. Lee Group
		Analysis: No Asbestos Detected		
08232.015-311	Wall and Ceiling Plaster (2)	On wall in Room 2119	12/13/1995	R.J. Lee Group
		Analysis: No Asbestos Detected		

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Code	Material	Location	Date	Lab
08232.015-213	Covebase/Mastic (4)	Room 2022	12/13/1995	R.J. Lee Group
		Analysis: No Asbestos Detected		
08232.015-214	Gypsum Wallboard/Panels	Room 2001	12/13/1995	R.J. Lee Group
		Analysis: No Asbestos Detected		
08232.015-215	Gypsum Wallboard/Panels	Room 2011	12/13/1995	R.J. Lee Group
		Analysis: No Asbestos Detected		
08232.015-216	Gypsum Wallboard/Panels	Room 2015	12/13/1995	R.J. Lee Group
		Analysis: No Asbestos Detected		
08232.015-217	Wall and Ceiling Plaster	Room 2025	12/13/1995	R.J. Lee Group
		Analysis: No Asbestos Detected		
08232.015-218	Wall and Ceiling Plaster	Room 2001A	12/13/1995	R.J. Lee Group
		Analysis: No Asbestos Detected		

Note: This report printed using archive data from the PBS DOS-based database system

Code	Material	Location	Date	Lab
08232.015-312	Wall/Ceiling Plaster(Spray-on) (1)	In ceiling space above Rm #2119 **Analysis:** No Asbestos Detected	12/13/1995	R.J. Lee Group
08232.015-313	Wall/Ceiling Plaster(Spray-on) (2)	Wall in Room 2134 **Analysis:** No Asbestos Detected	12/13/1995	R.J. Lee Group
08232.015-314	Lay-in Ceiling Tile (2)	Room 3027 **Analysis:** No Asbestos Detected	12/13/1995	R.J. Lee Group
08232.015-315	Lay-in Ceiling Tile (2)	Room 3027 **Analysis:** No Asbestos Detected	12/13/1995	R.J. Lee Group
08232.015-316	Lay-in Ceiling Tile (4)	Room 2148 **Analysis:** No Asbestos Detected	12/13/1995	R.J. Lee Group
08232.015-317	Lay-in Ceiling Tile (4)	Room 2148 **Analysis:** No Asbestos Detected	12/13/1995	R.J. Lee Group

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Code	Material	Location	Date	Lab
08232.015-318	Hard Fittings/Fiberglass	Above Room 2147	12/13/1995	R.J. Lee Group
		Analysis: No Asbestos Detected		
08232.015-319	Hard Fittings/Fiberglass	In hallway - south end in cage	12/13/1995	R.J. Lee Group
		Analysis: No Asbestos Detected		
08232.015-320	Hard Fittings/Fiberglass	Above Room 3031	12/13/1995	R.J. Lee Group
		Analysis: No Asbestos Detected		
08232.015-321	Hard Fittings/Fiberglass	In NW stairwell	12/13/1995	R.J. Lee Group
		Analysis: No Asbestos Detected		
08232.015-322	Hard Fittings/Fiberglass	In hatch access-Pipe chase Rm 2114	12/13/1995	R.J. Lee Group
		Analysis: No Asbestos Detected		
08232.015-323	Black wall tar	Upper mech room; 2d workroom floor	12/13/1995	R.J. Lee Group
		Analysis: 3% Chrysotile (black mastic)		

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Code	Material	Location	Date	Lab
08232.015-324	Stair tread nosing-creme	Stairs to 2d floor workroom **Analysis:** No Asbestos Detected	12/13/1995	R.J. Lee Group
08232.015-325	Stair riser coving	Stairs to 2d floor workroom **Analysis:** No Asbestos Detected	12/13/1995	R.J. Lee Group
08232.015-326	Covebase/Mastic 4" Grey (5)	Lunchroom Rm# 2111 **Analysis:** No Asbestos Detected	12/13/1995	R.J. Lee Group
08232.015-327	Vinyl Floor Tile (3)	White w/black streaks; Rm 2111 **Analysis:** 3% Chrysotile (grey tile) 1% Chrysotile (mastic)	12/13/1995	R.J. Lee Group
08232.015-328	Vinyl Floor Tile Grey 9X9 (2)	Main work room floor N. Center **Analysis:** 5% Chrysotile (grey tile) 5% Chrysotile (mastic)	12/13/1995	R.J. Lee Group
08232.015-329	Vinyl Floor Tile Grey 9X9 (2)	Main work room floor SW corner **Analysis:** 5% Chrysotile (grey tile) 5% Chrysotile (mastic)	12/13/1995	R.J. Lee Group

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Code	Material	Location	Date	Lab
08232.015-330	Sub-floor	Under floor tile in Rm #2111 **Analysis:** No Asbestos Detected	12/13/1995	R.J. Lee Group
08232.015-331	Vinyl Floor Tile Brown 9X9 (5)	Room 2111 **Analysis:** 5% Chrysotile (beige tile) 10% Chrysotile (mastic)	12/13/1995	R.J. Lee Group
08232.015-332	Vinyl Floor Tile Blue 9X9 (4)	Room 2111 **Analysis:** 5% Chrysotile (blue tile) 1% Chrysotile (mastic)	12/13/1995	R.J. Lee Group
08232.015-333	Lagging	Above Rm #2111 in plenum space **Analysis:** No Asbestos Detected	12/13/1995	R.J. Lee Group
08232.015-334	Vinyl Floor Tile Green 9X9 (6)	W. end main workroom floor (green w/white streaks) **Analysis:** No Asbestos Detected	12/13/1995	R.J. Lee Group
08232.015-335	Vinyl Floor Tile (7)	Olive w/white & black streaks **Analysis:** No Asbestos Detected	12/13/1995	R.J. Lee Group

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Code	Material	Location	Date	Lab
08232.015-336	Vinyl Floor Tile (8)	Main workroom floor - replacement Yellow w/brown **Analysis:** 5% Chrysotile (yellow tile) 10% Chrysotile (mastic)	12/13/1995	R.J. Lee Group
08232.015-337	Vinyl Floor Tile (9)	Main workroom floor - replacement Green w/white streaks **Analysis:** 3% Chrysotile (green tile) 5% Chrysotile (mastic)	12/13/1995	R.J. Lee Group
08232.015-338	Vinyl Floor Tile Blue 12X12 (10)	Main workroom floor - replacement **Analysis:** 3% Chrysotile (blue tile) 5% Chrysotile (mastic)	12/13/1995	R.J. Lee Group
08232.015-339	Vinyl Floor Tile Red (11)	Main workroom floor - replacement **Analysis:** 5% Chrysotile (red tile) 10% Chrysotile (mastic)	12/13/1995	R.J. Lee Group
08232.015-340	Gypsum Wallboard/Joint Compnd	Room 3007 **Analysis:** No Asbestos Detected	12/13/1995	R.J. Lee Group
08232.015-341	Gypsum Wallboard/Joint Compnd	In Electronic tech room Main work floow **Analysis:** No Asbestos Detected	12/13/1995	R.J. Lee Group

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Code	Material	Location	Date	Lab
08232.015-342	Gypsum Wallboard/Joint Compnd	Room 3013	12/13/1995	EMSL Laboratory
		Analysis: No Asbestos Detected		
08232.015-343	Gypsum Wallboard/Joint Compnd	Room 3023	12/13/1995	EMSL Laboratory
		Analysis: No Asbestos Detected		
08232.015-344	Gypsum Wallboard/Joint Compnd	Room 3030	12/13/1995	EMSL Laboratory
		Analysis: No Asbestos Detected		
08232.015-345	Hard Fittings/Fiberglass	Upper mech. room south side	12/13/1995	EMSL Laboratory
		Analysis: No Asbestos Detected		
08232.015-346	Hard Fittings/Fiberglass	Upper mech. room south side	12/13/1995	EMSL Laboratory
		Analysis: No Asbestos Detected		
08232.015-347	Hard Fittings/Fiberglass	Main work area - east side	12/13/1995	EMSL Laboratory
		Analysis: No Asbestos Detected		

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Code	Material	Location	Date	Lab
08232.015-348	Hard Fittings/Fiberglass	Main work area - east side	12/13/1995	EMSL Laboratory
		Analysis: No Asbestos Detected		
08232.015-349	Hard Fittings/Fiberglass	Main work area - west side	12/13/1995	EMSL Laboratory
		Analysis: No Asbestos Detected		
08232.015-350	Hard Fittings/Fiberglass	Main work area - west side	12/13/1995	EMSL Laboratory
		Analysis: No Asbestos Detected		
08232.015-351	Covebase/Mastic (1)	Room 3021	12/13/1995	EMSL Laboratory
		Analysis: No Asbestos Detected		
08232.015-352	Vinyl Floor Tile (1)	Hallway ouside Room 3037	12/13/1995	EMSL Laboratory
		Analysis: 3% Chrysotile (tile) 3% Chrysotile (mastic)		
08232.015-353	Vinyl Floor Tile (1)	Hallway ouside Room 3007	12/13/1995	EMSL Laboratory
		Analysis: 3% Chrysotile (tile) 1% Chrysotile (mastic)		

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Code	Material	Location	Date	Lab
08232.015-354	Covebase/Mastic (1)	Hallway ouside Room 3037	12/13/1995	EMSL Laboratory
		Analysis: No Asbestos Detected		
08232.015-355	Covebase/Mastic (2)	Copy room 3d floor	12/13/1995	EMSL Laboratory
		Analysis: No Asbestos Detected		
08232.015-356	Covebase/Mastic (3)	Room 3027	12/13/1995	EMSL Laboratory
		Analysis: No Asbestos Detected		
08232.015-357	Covebase/Mastic (4)	Room 3023	12/13/1995	EMSL Laboratory
		Analysis: No Asbestos Detected		
08232.015-358	Covebase/Mastic (8)	Room 3017	12/13/1995	EMSL Laboratory
		Analysis: No Asbestos Detected		
08232.015-359	Covebase/Mastic (7)	Room 2149	12/13/1995	EMSL Laboratory
		Analysis: No Asbestos Detected		

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Code	Material	Location	Date	Lab
08232.015-360	Covebase/Mastic (6)	S. Womens restroom **Analysis:** No Asbestos Detected	12/13/1995	EMSL Laboratory
08232.015-361	Covebase/Mastic (9)	S. Womens restroom **Analysis:** No Asbestos Detected	12/13/1995	EMSL Laboratory
08232.015-362	Lagging/Non-asbestos Material	Upper mechanical room **Analysis:** No Asbestos Detected	12/13/1995	EMSL Laboratory
08232.015-363	Lagging/Non-asbestos Material	Upper mechanical room **Analysis:** No Asbestos Detected	12/13/1995	EMSL Laboratory
08232.015-401	Lay-in Ceiling Tile (1)	Stored in boiler room above storage/locker room **Analysis:** No Asbestos Detected	12/13/1995	R.J. Lee Group
08232.015-402	Vinyl Floor Tile (7)	Stored 1'X2' black FT; On pallet in boiler room **Analysis:** No Asbestos Detected	12/13/1995	R.J. Lee Group

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Code	Material	Location	Date	Lab
08232.015-403	Duct Felt Tape	Duct in boiler room (ACU-20) **Analysis:** No Asbestos Detected	12/13/1995	R.J. Lee Group
08232.015-404	Duct Felt Tape	Duct in boiler room (ACU-21) **Analysis:** 70% Chrysotile (grey insul)	12/13/1995	R.J. Lee Group
08232.015-405	Hard Fittings/Fiberglass	Large fiber wrap, end compound Boiler room **Analysis:** No Asbestos Detected	12/13/1995	R.J. Lee Group
08232.015-406	Hard Fittings/Fiberglass	Boiler Room (ACU-20) **Analysis:** No Asbestos Detected	12/13/1995	R.J. Lee Group
08232.015-407	Lagging	On Duct (ACU-20) Boiler Room **Analysis:** 20% Chrysotile (grey insul)	12/13/1995	R.J. Lee Group
08232.015-408	Mechanical Isolation Cloth (1)	White rubber (ACU-20) Boiler room **Analysis:** No Asbestos Detected	12/13/1995	R.J. Lee Group

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Code	Material	Location	Date	Lab
08232.015-409	Hard Fittings/Fiberglass (2)	Boiler room (ACU-21)	12/13/1995	R.J. Lee Group
		Analysis: No Asbestos Detected		
08232.015-410	Hard Fittings/Fiberglass	Boiler room (ACU-21)-End compound	12/13/1995	R.J. Lee Group
		Analysis: No Asbestos Detected		
08232.015-411	Hard Fittings/Fiberglass	Boiler room (ACU-19)	12/13/1995	R.J. Lee Group
		Analysis: No Asbestos Detected		
08232.015-412	Hard Fittings/Fiberglass	Boiler room (ACU-19)-End compound	12/13/1995	R.J. Lee Group
		Analysis: No Asbestos Detected		
08232.015-413	Lagging	Boiler room (ACU-19)	12/13/1995	R.J. Lee Group
		Analysis: No Asbestos Detected		
08232.015-414	Mechanical Isolation Cloth (1)	White rubber (ACU 19)	12/13/1995	R.J. Lee Group
		Analysis: No Asbestos Detected		

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Code	Material	Location	Date	Lab
08232.015-415	Mechanical Isolation Cloth (2)	Black canvas (ACU 20) Boiler room **Analysis:** No Asbestos Detected	12/13/1995	R.J. Lee Group
08232.015-416	Mechanical Isolation Cloth (2)	Black canvas (ACU 20) Boiler room **Analysis:** No Asbestos Detected	12/13/1995	R.J. Lee Group
08232.015-417	Hard Fittings/Fiberglass	Above locker room in boiler room 4" line **Analysis:** No Asbestos Detected	12/13/1995	R.J. Lee Group
08232.015-418	Hard Fittings/Fiberglass	Above locker room in boiler room Reducer **Analysis:** No Asbestos Detected	12/13/1995	R.J. Lee Group
08232.015-419	Hard Fittings/Fiberglass	Above locker room in boiler room 6" line **Analysis:** No Asbestos Detected	12/13/1995	R.J. Lee Group
08232.015-420	Hard Fittings/Fiberglass	Above locker room in boiler room Pipe hanger **Analysis:** No Asbestos Detected	12/13/1995	R.J. Lee Group

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Code	Material	Location	Date	Lab
08232.015-421	Lagging	Chill water return - Boiler room **Analysis:** No Asbestos Detected	12/13/1995	R.J. Lee Group
08232.015-422	Mag Block Insulation	Front end of blue tank Boiler Room **Analysis:** No Asbestos Detected	12/13/1995	R.J. Lee Group
08232.015-423	Mag Block Insulation	Side of blue tank, Boiler room **Analysis:** No Asbestos Detected	12/13/1995	R.J. Lee Group
08232.015-424	Hard Fittings/Fiberglass	Adjacent to water tank in boiler rm **Analysis:** No Asbestos Detected	12/13/1995	R.J. Lee Group
08232.015-425	Sprayed Fibrous Fireproofing	4th floor; hallway; north end **Analysis:** No Asbestos Detected	11/21/1995	PBS Laboratory
08232.015-426	Sprayed Fibrous Fireproofing	4th floor; hallway; south end **Analysis:** No Asbestos Detected	11/21/1995	PBS Laboratory

Note: This report printed using archive data from the PBS DOS-based database system

Code	Material	Location	Date	Lab
08232.015-427	Sprayed Fibrous Fireproofing	4th floor; mail sorting room; #4056 **Analysis:** No Asbestos Detected	11/21/1995	PBS Laboratory
08232.015-428	Lay-in Ceiling Tile (1)	Hallway outside conference room **Analysis:** No Asbestos Detected	12/13/1995	R.J. Lee Group
08232.015-429	Lay-in Ceiling Tile (1)	Computer Room #4115 **Analysis:** No Asbestos Detected	12/13/1995	R.J. Lee Group
08232.015-430	Lay-in Ceiling Tile (2)	N. end of parts room 4049 **Analysis:** No Asbestos Detected	12/13/1995	R.J. Lee Group
08232.015-431	Lay-in Ceiling Tile (3)	Hallway outside elevator **Analysis:** No Asbestos Detected	12/13/1995	R.J. Lee Group
08232.015-432	Lay-in Ceiling Tile (3)	Hallway outside conference rm B **Analysis:** No Asbestos Detected	12/13/1995	R.J. Lee Group

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Code	Material	Location	Date	Lab
08232.015-433	Lay-in Ceiling Tile (4)	Support service manager's office **Analysis:** No Asbestos Detected	12/13/1995	R.J. Lee Group
08232.015-434	Lay-in Ceiling Tile (4)	Reception area **Analysis:** No Asbestos Detected	12/13/1995	R.J. Lee Group
08232.015-435	Covebase/Mastic (7)	Hallway to engineering **Analysis:** No Asbestos Detected	12/13/1995	R.J. Lee Group
08232.015-436	Lagging/Non-asbestos Material	CFS Swing room **Analysis:** No Asbestos Detected	12/13/1995	R.J. Lee Group
08232.015-437	Lagging/Non-asbestos Material	Metal welding shop **Analysis:** No Asbestos Detected	12/13/1995	R.J. Lee Group
08232.015-438	Duct Felt Tape	Metal welding shop **Analysis:** 80% Chrysotile (grey insul)	12/13/1995	R.J. Lee Group

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Code	Material	Location	Date	Lab
08232.015-439	Hard Fittings/Fiberglass	Hallway West-East	12/13/1995	R.J. Lee Group
		Analysis: No Asbestos Detected		
08232.015-440	Covebase/Mastic (7)	Entrance to engineering	12/13/1995	R.J. Lee Group
		Analysis: No Asbestos Detected		
08232.015-441	Vinyl Floor Tile (10)	Credit union lobby	12/13/1995	R.J. Lee Group
		Analysis: No Asbestos Detected		
08232.015-442	Vinyl Floor Tile (11)	Credit union lobby	12/13/1995	R.J. Lee Group
		Analysis: No Asbestos Detected		
08232.015-443	Covebase/Mastic (3)	Hallway outside SSPD techs	12/13/1995	R.J. Lee Group
		Analysis: No Asbestos Detected		
08232.015-444	Vinyl Floor Tile (03)	Men's swing room #4036	12/13/1995	R.J. Lee Group
		Analysis: 3% Chrysotile (grey tile) 10% Chrysotile (mastic)		

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Code	Material	Location	Date	Lab
08232.015-445	Vinyl Floor Tile (4)	Kitchen/misc. room **Analysis:** 3% Chrysotile (grey tile) 10% Chrysotile (mastic)	12/13/1995	R.J. Lee Group
08232.015-446	Vinyl Floor Tile (1)	Hallway outside SSPD techs **Analysis:** No Asbestos Detected	12/13/1995	R.J. Lee Group
08232.015-447	Vinyl Floor Tile (2)	SSPD techs computer room **Analysis:** No Asbestos Detected	12/13/1995	R.J. Lee Group
08232.015-448	Vinyl Floor Tile (7)	Center of boiler room **Analysis:** No Asbestos Detected	12/13/1995	R.J. Lee Group
08232.015-449	Gypsum Wallboard	Carpentry shop **Analysis:** No Asbestos Detected	12/13/1995	R.J. Lee Group
08232.015-450	Gypsum Wallboard	Conference room A **Analysis:** No Asbestos Detected	12/13/1995	R.J. Lee Group

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Code	Material	Location	Date	Lab
08232.015-451	Gypsum Wallboard	Carrier training area **Analysis:** No Asbestos Detected	12/13/1995	R.J. Lee Group
08232.015-452	Covebase/Mastic (6)	Food tray pick up area **Analysis:** No Asbestos Detected	12/13/1995	R.J. Lee Group
08232.015-453	Covebase/Mastic (4)	Cafeteria entrance **Analysis:** No Asbestos Detected	12/13/1995	R.J. Lee Group
08232.015-454	Covebase/Mastic (5)	Facilities filing area **Analysis:** No Asbestos Detected	12/13/1995	R.J. Lee Group
08232.015-455	Vinyl Floor Tile (10)	Hallway outside Mens restroom **Analysis:** No Asbestos Detected	12/13/1995	R.J. Lee Group
08232.015-456	Vinyl Floor Tile (9)	Hallway outside Mens restroom **Analysis:** No Asbestos Detected	12/13/1995	R.J. Lee Group

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Code	Material	Location	Date	Lab
08232.015-457	Covebase/Mastic (6)	Cafeteria payment counter **Analysis:**	12/13/1995	PBS ARCHIVE
08232.015-458	Covebase/Mastic (3)	Hallway outside SSPD techs room **Analysis:**	12/13/1995	PBS ARCHIVE
08232.015-459	Vinyl Floor Tile (6)	Hallway outside SW Elevators **Analysis:** No Asbestos Detected No Asbestos Detected	12/13/1995	EMSL Laboratory
08232.015-460	Lay-in Ceiling Tile (5)	Old address change room **Analysis:** No Asbestos Detected	12/13/1995	EMSL Laboratory
08232.015-501	Boiler insulation-cementitious	Vehicle Maintenance Facility Boiler Room **Analysis:** No Asbestos Detected	12/13/1995	R.J. Lee Group
08232.015-502	Boiler insulation-cementitious	Vehicle Maintenance Facility Boiler Room **Analysis:** No Asbestos Detected	12/13/1995	R.J. Lee Group

Note: This report printed using archive data from the PBS DOS-based database system

Code	Material	Location	Date	Lab
08232.015-503	Hard Fittings/Fiberglass	Vehicle Maintenance Facility Boiler Room **Analysis:** No Asbestos Detected	12/13/1995	R.J. Lee Group
08232.015-504	Boiler breeching	Vehicle Maintenance Facility **Analysis:** No Asbestos Detected	12/13/1995	R.J. Lee Group
08232.015-505	Gasket material	Vehicle Maintenance Facility Boiler door **Analysis:** 80% Chrysotile (green insul)	12/13/1995	R.J. Lee Group
08232.015-506	Vinyl Floor Tile (Grey 9X9) (3)	Vehicle Maintenance Facility Upstrs Locker room **Analysis:** 5% Chrysotile (grey tile)	12/13/1995	R.J. Lee Group
08232.015-507	Hard Fittings/Fiberglass	Vehicle Maintenance Facility Boiler room **Analysis:** No Asbestos Detected	12/13/1995	R.J. Lee Group
08232.015-508	Vinyl Floor Tile-Blue 9X9 (3)	Vehicle Maintenance Facility Upstrs Corridor **Analysis:** 5% Chrysotile (blue tile)	12/13/1995	R.J. Lee Group

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Code	Material	Location	Date	Lab
08232.015-509	Covebase/Mastic (1)	Grey 4" Upstairs corridor **Analysis:** No Asbestos Detected	12/13/1995	R.J. Lee Group
08232.015-510	Lagging	Office Space Room 2505 On duct upstairs **Analysis:** No Asbestos Detected	12/13/1995	R.J. Lee Group
08232.015-511	Lay-in Ceiling Tile (1)	Office Room 2505 Random fissured pin-perf **Analysis:** No Asbestos Detected	12/13/1995	R.J. Lee Group
08232.015-512	Lay-in Ceiling Tile (1)	Office Room 2505 Random fissured Pin-perf **Analysis:** No Asbestos Detected	12/13/1995	R.J. Lee Group
08232.015-513	Lay-in Ceiling Tile (1)	Office Room 2505 Random fissured Pin-perf **Analysis:** No Asbestos Detected	12/13/1995	R.J. Lee Group
08232.015-514	Vinyl Floor Tile (2)	Rm 1514 Light Green 9X9 **Analysis:** 3% Chrysotile (green ceiling)	12/13/1995	R.J. Lee Group

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Code	Material	Location	Date	Lab
08232.015-515	Vinyl Floor Tile (1)	Chief Dispatcher room Brown 12X12 **Analysis:** 2% Chrysotile (brown tile) 5% Chrysotile (mastic)	12/13/1995	R.J. Lee Group
08232.015-516	Covebase/Mastic (2)	First floor Rm 1514; 4" Tan **Analysis:** No Asbestos Detected	12/13/1995	R.J. Lee Group
08232.015-517	Lagging	On duct in VMF in Stockroom **Analysis:** No Asbestos Detected	12/13/1995	R.J. Lee Group
08232.015-518	Lagging	On duct in VMF in Stairwell **Analysis:** No Asbestos Detected	12/13/1995	R.J. Lee Group
08232.015-519	Hard Fittings/Fiberglass	Paint shop **Analysis:** No Asbestos Detected	12/13/1995	R.J. Lee Group
08232.015-520	Hard Fittings/Fiberglass	Paint shop **Analysis:** No Asbestos Detected	12/13/1995	R.J. Lee Group

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Code	Material	Location	Date	Lab
08232.015-521	Duct Felt Tape	Hallway outside janitors closet **Analysis:** 90% Chrysotile (grey insul)	12/13/1995	R.J. Lee Group
08232.015-522	Gypsum Wallboard	Locker room **Analysis:** No Asbestos Detected	12/13/1995	R.J. Lee Group
08232.015-523	Plaster/Gypsum Compound	Rm 1514 Wall **Analysis:** No Asbestos Detected	12/13/1995	R.J. Lee Group
08232.015-600	Lay-in Ceiling Tile (1)	Rework area **Analysis:** No Asbestos Detected	12/13/1995	EMSL Laboratory
08232.015-601	Lay-in Ceiling Tile (1)	Mail holding area **Analysis:** No Asbestos Detected	12/13/1995	EMSL Laboratory
08232.015-602	Vinyl Floor Tile (1)	Customer Service Lobby **Analysis:** 3% Chrysotile (tile) 5% Chrysotile (mastic)	12/13/1995	EMSL Laboratory

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Code	Material	Location	Date	Lab
08232.015-603	Covebase/Mastic (1)	Outside supply storage room **Analysis:** No Asbestos Detected	12/13/1995	EMSL Laboratory
08232.015-604	Gypsum Wallboard	Supply storage room **Analysis:** No Asbestos Detected	12/13/1995	EMSL Laboratory
08232.015-605	Gypsum Wallboard	S Side Mail holding area **Analysis:** No Asbestos Detected	12/13/1995	EMSL Laboratory
08232.015-700	Black Wall Tar	Upper Elevator rm. **Analysis:** 2% Chrysotile (black tar)	12/13/1995	R.J. Lee Group
08232.015-701	Black Wall Tar	Upper Elevator rm. **Analysis:** 3% Chrysotile (black tar)	12/13/1995	R.J. Lee Group
08232.015-702	Hard Fittings/Fiberglass	Upper Elevator rm. **Analysis:** No Asbestos Detected	12/13/1995	R.J. Lee Group

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Code	Material	Location	Date	Lab
08232.015-703	Material Debris	Upper Elevator rm.	12/13/1995	R.J. Lee Group

Analysis: No Asbestos Detected

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THIS IS TO CERTIFY THAT

CLARK NELSON

HAS SUCCESSFULLY COMPLETED THE TRAINING COURSE

for

ASBESTOS INSPECTOR / MANAGEMENT PLANNER REFRESHER

In accordance with TSCA Title II, Part 763, Subpart E, Appendix C of 40 CFR

Course Date: 01/05/2018

Course Location: Portland, OR

Certificate: IMR-18-5226A

PBS

AHERA is the Asbestos Hazard Emergency Response Act enacting Title II of Toxic Substance Control Act (TSCA)

Expiration Date: 01/05/2019

For verification of the authenticity of this certificate contact:
PBS Environmental
4412 SW Corbett Avenue
Portland, OR 97239
(503) 248-1939

Gregory N. Baker

Greg Baker, Instructor