



CITY OF DULUTH
PURCHASING DIVISION
Room 120 City Hall
411 West First Street
Duluth, Minnesota 55802-1199
218/730-5340
purchasing@duluthmn.gov

Addendum 3
19-27AA
PASTORET TERRACE COMPLEX DEMOLITION PROJECT

This addendum serves to notify all bidders of the following answers to submitted questions:

1. Will the Demolition Contractor be responsible for the abatement of Asbestos Containing Materials and/or Regulated Waste?
 - a. An abatement contractor is currently onsite and will have all identified asbestos-containing material (ACM) removed prior to demolition. The Notification of Asbestos Related Work is attached, along with the Hazardous Material Survey.
 - b. Regulated waste will also be removed from the site in accordance with Minn. R. 7035.0805, with the exception of approximately 200 tires located on the roof of the complex. The Demolition Contractor will be responsible for removal and disposal of all tires present on the roof. Please note that due to the current heavy snow load and unknown condition of the roof, it is recommended that the awarded contractor remove the tires by mechanical means (i.e. backhoe, etc.) or other measures that restrict personnel from the rooftop unless alternate safety measures are provided and reviewed by the Duluth Economic Development Authority (DEDA).
2. Who is responsible for utility location and shut-off?
 - a. It is incumbent on the Demolition contractor to properly identify and shut-off all utilities. Attached is a figure estimating the locations of the utilities. The attached utility figure is for cost estimating purposes only, is not field verified, and is not intended to be the sole source of utility identification. Further attached are the Sewer Main and Water Service cards, which can be obtained from city engineering.
 - b. Please contact Evergreen Energy at 218-723-3601 for steam disconnection and capping.
3. Are the existing foundations to remain in place?
 - a. Earth stabilization is the responsibility of the Demolition Contractor. The

existing foundations can remain in place. However, it is incumbent upon the Demolition Contractor to shore up the existing foundations.

4. Is there a grading plan?
 - a. No grading plan has been developed. It is the responsibility of the Demolition Contractor to determine the appropriate grade/slope to tie into the surrounding elevations.
5. Are there elevators on site?
 - a. There are no known elevators within the complex.
6. Are there any items on premises that should be retained and not demolished?
 - a. Yes. The "Paul Robeson Ballroom" sign will need to be removed and given to DEDA.
7. Will permanent fencing after the demolition be the responsibility of the Demolition Contractor.
 - a. No. Installation and removal of temporary security fencing is the responsibility of the Demolition Contractor.
8. Are all structures within the property boundaries to be demolished?
 - a. Yes. Demolition includes the removal of the outdoor terrace area. Please see the attached.
9. Will the removal of the snow stockpile currently located in the identified staging area be the responsibility of the Demolition Contractor?
 - a. Snow stockpile in the identified staging area will be removed prior to the issue of Notice to Proceed. The Demolition Contractor will not be responsible for the snow stockpile currently located on site.

Please acknowledge receipt of this Addendum by checking the acknowledgment box within the Bid Express solicitation.

Posted: 12/10/19



Notification of Asbestos Related Work

Type of Notification: Amendment**Asbestos Abatement Contractor: Lic. # AC228**

Name: ACCT, Inc.
Address: 230 Hwy 33 N
City, State, Zip: Cloquet, MN 55720
Contact Person: Steve Proulx
Phone: 218-879-2241

Air Monitoring Consultant/Lab.: Lic. # AC914

Name: Twin Ports Testing II, Inc.
Address: 1301 N 3rd St

City, State, Zip: Superior, WI 54880
Contact Person:
Phone: 715-392-7114

Building Owner:

Name: City of Duluth
Address: 411 W. 1st St.
City, State, Zip: Duluth, MN 55802
Contact Person: Chad Ronchetti
Phone: 218-461-6848

Building Information:

Building Name: Pasttoret Terrace, Kozy Bar &
Address/Location: 129 E 1st St
City, State, Zip: Duluth, MN 55802
County: St. Louis
Phone: 218-730-5323
Size of Bldg.(sq.ft.): 20000.0 Age of Bldg.(yrs): 132
Number of Floors Including Basement Level 3
Present Use of Not in use
Prior Use of Bldg.: Bar and Apartments

1. Type of Project: Demolition**2. Amount(s) of RACM(Regulated Asbestos Containing Material) to be Abated:****Friable Non Friable**

350.00 Linear feet on pipes
 Square feet on facility components(ex. tanks,boilers,ceilings,ceiling tiles,flooring)
 Cubic feet off facility components if linear footage or square footage cannot be determined

3. Asbestos Abatement Activity

a. Precleaning Work Are to Final Visual Inspection: Start: 11/27/2019 End: 12/13/2019
b. Dates when RACM will be distributed: Start: 11/27/2019 End: 12/13/2019
c. Workshifts, time and days: 7:00 am - 3:30 pm M-F

OFF STIE**4. Building Inspection:** *Prior to renovation or demolition, all buildings must be inspected by an EPA accredited inspector.*Company and / or individual that conducted the building inspection: Twin Ports Testing**5. Description & Location of RACM to be abated (including floor # and room #):**

Pipe insulation on Lower level of building, Apartments 1, 2 & 5
Off site until further notice.

6. Describe in detail the following procedures specific to this site:

- ☐ Containment ☒ Glove Bag
☐ Mini Containment ☒ Facility Component Removal

7. For emergency Renovation/Demolition Abatement Projects:

a. Date and hour of emergency: _____

b. Description of sudden unexpected event: _____

c. Explanation of how the event caused unsafe conditions or would cause equipment damage: _____

8. Waste Transporter(s) Information:

Transporter Name: Veit Disposal Systems-Duluth
Transporter Contact: Stan Heuer
Transporter Address: 1100 W Gary St
City, State, Zip: Duluth, MN 55808
Phone: 218-626-3830

9. Waste Disposal Information:

Landfill Name: VONCO V-Duluth, LLC
Owner/Operator: Stan Heuer
Address/Location: 1100 W Gary St
City, State, Zip: Duluth, MN 55808
Phone: _____

10. MN Department of Health Permit Fee: (Check the one that applies)

☐ **\$35 permit fee**

For all residential projects with less than 260 linear and 160 square feet but more than 10 linear and 6 square feet of

☒ **1% permit fee** Total Cost of Project: **\$20,000.00**

For all projects, residential and nonresidential, with more than 260 linear and 160 square feet of RACM.

Attach a signed copy of the bid acceptance document or other cost verification document.

Does this 1% permit fee includes air monitoring costs? No

Is this a "Time and Materials" project? No

I certify that an individual trained in the provisions of Federal Regulations 40 CFR Part 61, Subpart M (a Minnesota Site Supervisor) will be on-site during the asbestos abatement project. I certify that the above information is correct and I am a bonafide representative of the abatement contractor or building owner and have authority to enter into agreements for my employer.

Submitted by: David Rice

Date 12/04/2019

Send a copy of this notice to:

**Minnesota Pollution Control Agency
Industrial Division - Asbestos Program
520 Lafayette Road N
St. Paul, MN 55155-4194**

**Email: asbestos.demolition.pca@state.mn.us
Fax:651-297-1438**

**Postmarked or delivered at least 10 working days (Mon.-Fri.)
before RACM disturbance for all projects.**

For questions call: 651-296-6300 or 1-800-657-3864

0 25

Scale in Feet



City Engineering:
218-730-5200

10 inch, Vitreous
Clay Pipe,
474.412261°

3", MDPE, 10/12/1982

UNKNOWN
UNKNOWN
23'

UNKNOWN
UNKNOWN
23'

3", MDPE
8/3/1982

Estimated Gas Service

Estimated Location
of Water Service.
See Water Service Card
for Detailed Drawing.

Estimated Steam Service.
Contact Evergreen Energy
for Disconnect and Capping.
218-723-3601

Estimated Sewer
Main Service.
See Detail for
More Information.

12 INCH,
POLYVINYL
CHLORIDE, 103'

12 inch, Vitreous
Clay Pipe,
468.451205°

E 1st St

8 inch, Cast
Iron, 1/1/1888

18 INCH,
UNKNOWN
389'

84, Rock
Tunnel,
904.980083°

21 INCH,
REINFORCED
CONCRETE, 151'

12 inch,
Cast Iron
1/1/1889

N 2nd Ave E

12 INCH,
REINFORCED
CONCRETE, 16'

12 inch,
Cast Iron
1/1/1889

20 INCH, UNKNOWN, 52'

12 inch,
Cast Iron
1/1/1889

E 1st St

12 inch,
Cast Iron
1/1/1889

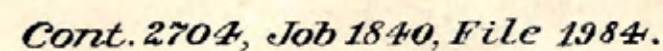
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Pastoret Terrace
Robeson Ballroom
Estimated Utilities

Issued: 12/3/2019



App. No. 860238

Sewer.....No Sewer

Trenching By: Arcun
Installed 9-9-86
To Street Dept.

To Bill Clerk

Billed

Bill No.

App. Taken By

Form WGS-1

REPLACEMENT

CITY OF DULUTH, DEPARTMENT OF WATER AND GAS

APPLICATION FOR SERVICE

Duluth, Minn., 5/17, 1986

A 1" inch water and a inch gas service is hereby ordered at

No. 107 N. 2 Ave & 129 E 1st.

Lot Block

Present Description of Premises Kozy Bar

The undersigned hereby agree(s) to pay for constructing the said service, immediately upon completion thereof.

It is understood and agreed that the charge shall be according to the rate schedule set up by the department.

It is expressly understood and agreed that the curb cock and connections, the corporation cock and connections, the water service from the main to the curb cock and the gas service from the main to the meter shall always remain the property of the City of Duluth Department of Water and Gas. The City of Duluth Department of Water and Gas shall be responsible for the maintenance, repair and renewal of these services and appurtenances as provided for in the ordinances and regulations of said City of Duluth Department of Water and Gas.

Signed Address

Per Agent, Address

1 inch Copper water service.

— inch — gas service.

Main to stop-boxes 35.0'

Stop-Boxes to Property Line

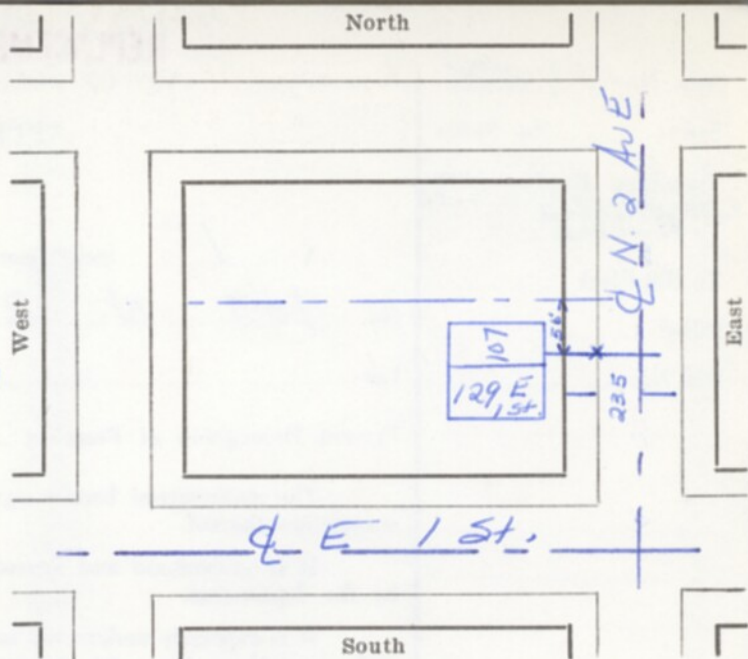
Stop-Box 56.0 from S/d 2nd Stally
23.5 w/d

Gas Drips to

Depth of Water at Curb 7.0 Least Depth 5.0

Depth of Gas at Curb Least Depth

Connected to 12" en 2 to E



Inspected 8395 193 Order No.

Inspection Stub No. 19470 Plumber

Sewer } in Trench. Drips
No Sewer }

Box: 13.5 Out, 44.5 S/NL



Twin Ports Testing

1301 N 3rd St. • Superior WI 54880 • 715-392-7114 • 1-800-373-2562 • F 715-392-7163 • www.twinportstesting.com

November 29, 2018

TPT #18A0352

Mr. Chad Ronchetti
Duluth Economic Development Authority
411 West First Street, Room 402
Duluth, MN 55802

Re: **Hazardous Materials Survey**
Pastoret Terrace, Kozy Bar & Ballroom
Duluth, Minnesota

Dear Mr. Ronchetti:

The following is a final report outlining the asbestos and regulated waste inspection conducted at the subject site for demolition purposes. This report contains the following information:

- Introduction
- Results
- Recommendations

INTRODUCTION

Twin Ports Testing II, Inc. (TPT) was contacted by Mr. Chad Ronchetti, of the City of Duluth, to conduct an Asbestos and Regulated Waste Inspection prior to proposed demolition of buildings. The buildings are located at First Street and Second Avenue East in Duluth, Minnesota. On November 5th, 2018 thru November 8th, 2018, Mr. Gary Christner, Ms. Tracy Jacobs and Mr. Rob Thomas, Minnesota Department of Health (MDH) Certified Asbestos Inspectors were on-site to collect material samples that potentially contain asbestos. Copies of the inspector MDH hard cards are included in Appendix A.

RESULTS

Asbestos

TPT collected one hundred and seventy-four samples that were potentially asbestos containing materials (ACM). These building materials included: ceiling tile, sheetrock, texture, plaster, sink undercoating, floor tile, adhesive, leveler, insulation, linoleum, brick, TSI, paper, pipe wrap, caulk, terrazzo, wire coating, mortar, paint, grout, stair tread, backing, ceramic tile, glaze, felt and roofing. TPT staff collected bulk samples from the suspect building components in accordance with the Minnesota Department of Health (MDH) regulations pertaining to asbestos inspections.

The table on the following page lists the areas that were sampled for asbestos (bold and shading indicates positive results), sample ID, location, and percent (%) asbestos (if applicable). Laboratory analytical results are included in Appendix B.

Table 1 – Sampled Material

Object or Item	Sample ID	Location	% Asbestos
Ceiling Tile, (2'x 4')	1	Street #5, various	None Detected
Sheetrock	2	Street #5, walls, various	None Detected
Plaster, (texture)	3	Street #5, walls, various	None Detected
Plaster		Street #5, walls, various	None Detected
Plaster		Street #5, walls, various	None Detected
Sink undercoating	4	Street #5, under sink, gray	3% Chrysotile
Floor tile, (12"x 12")	5	Street #5, bathroom, various	None Detected
Adhesive		Street #5, bathroom under tile, tan	None Detected
Adhesive		Street #5, bathroom under tile, black	None Detected
Floor tile, (12"x 12")	6	Street #5, under cabinets, various	None Detected
Adhesive		Street #5, under cabinets, under tile, clear	None Detected
Leveler		Street #5, under cabinets, under tile, white	None Detected
Floor tile, (9"x 9")	7	Street #5, black	12% Chrysotile
Adhesive		Street #5, under tile, black	None Detected
Leveler		Street #5, under tile, brown	None Detected
Floor Tile, (9"x 9")	8	Street #5, white	13% Chrysotile
Adhesive		Street #5, under tile, black	8% Chrysotile
Floor tile, (9"x 9")	9	Street #5, brown	14% Chrysotile
Adhesive		Street #5, under tile, black	None Detected
Leveler		Street #5, under tile, various	None Detected
Floor tile, (9"x 9")	10	Street #5, gray	11% Chrysotile
Adhesive		Street #5, under tile, black	None Detected
Leveler		Street #5, under tile, various	None Detected
Floor tile, (9"x 9")	11	Street #5, green	17% Chrysotile
Adhesive		Street #5, under tile, black	7% Chrysotile

Object or Item	Sample ID	Location	% Asbestos
Leveler		Street #5, under tile, brown	None Detected
Plaster	12	Street #4, ceiling, various	None Detected
Plaster		Street #4, ceiling, various	None Detected
Insulation		Street #4, ceiling, brown	None Detected
Texture	13	Street #4, walls, various	None Detected
Plaster		Street #4, walls, tan	None Detected
Plaster		Street #4, walls, various	None Detected
Plaster		Street #4, walls, various	None Detected
Sheetrock	14	Street #4, walls, various	None Detected
Ceiling Tile, (2'x 4'), smooth	15	Street #4, ceiling, various	None Detected
Ceiling tile, (12"x 12")	16	Street #4, ceiling, various	None Detected
Adhesive pucks		Street #4, ceiling under tile, brown	None Detected
Sink undercoating	17	Street #4, under sink, brown	6% Chrysotile
Linoleum	18	Street #4, bathroom, various	None Detected
Floor Tile, (12"x 12")	19	Street #4, bathroom, various	None Detected
Adhesive		Street #4, bathroom under tile, tan	None Detected
Floor Tile, (9"x 9")		Street #4, bathroom, various	12% Chrysotile
Adhesive		Street #4, bathroom under tile, black	7% Chrysotile
Brick		Street #4, bathroom, red	None Detected
Floor Tile, (12"x 12")	20	Street #4, kitchen area, VAT, various	None Detected
Adhesive		Street #4, kitchen area under VAT, clear	None Detected
Adhesive		Street #4, kitchen area under VAT, tan	None Detected
Floor Tile, (12"x 12")	21	Street #4, kitchen area, various	None Detected
Adhesive		Street #4, kitchen area under tile, clear	None Detected
Floor Tile, (9"x 9")	22	Street #4, kitchen area, green	18% Chrysotile
Adhesive		Street #4, kitchen area under tile, black	8% Chrysotile
Leveler		Street #4, kitchen area under tile, brown	None Detected

Object or Item	Sample ID	Location	% Asbestos
Floor Tile, (9"x 9")	23	Street #4, kitchen area, tan	14% Chrysotile
Adhesive		Street #4, kitchen area under tile, black	9% Chrysotile
Leveler	23	Street #4, kitchen area under tile, various	None Detected
Flooring	24	Street #3, various	None Detected
Adhesive		Street #3, under flooring, clear	None Detected
Adhesive		Street #3, under flooring, tan	None Detected
Plaster	25	Street #3, walls, various	None Detected
Plaster		Street #3, walls, various	None Detected
Flooring	26	Street #2, kitchen area, various	None Detected
Adhesive		Street #2, kitchen area, clear	None Detected
Floor Tile		Street #2, kitchen area, various	None Detected
Adhesive		Street #2, kitchen area under tile, tan	None Detected
Brick		Street #2, kitchen area, various	None Detected
TSI	27	Street #2, various	57% Chrysotile
Plaster	28	Street #2, walls, various	None Detected
Plaster		Street #2, walls, various	None Detected
TSI	29	Street #1, gray	29% Chrysotile
Plaster	30	Street #1, ceiling, various	None Detected
Sheetrock	31	Street #1, walls, white	None Detected
Sheetrock	32	Ballroom ceiling, tan	None Detected
Sink Undercoating	33	Ballroom under sink, brown	6% Chrysotile
Flooring	34	Ballroom bathroom, various	None Detected
Adhesive		Ballroom bathroom under flooring, brown	None Detected
Flooring	35	Ballroom by kitchen, brown	None Detected
Adhesive		Ballroom by kitchen under flooring, brown	None Detected
Adhesive		Ballroom by kitchen under flooring, green	None Detected
Texture	36	Wing #1, ceiling, tan	None Detected
Plaster		Wing #1, ceiling, white	None Detected

Object or Item	Sample ID	Location	% Asbestos
Plaster	36	Wing #1, ceiling, various	None Detected
Plaster		Wing #1, ceiling, various	None Detected
Ceiling Tile, (2'x 4')	37	Wing #1, ceiling, various	None Detected
Ceiling Tile, (1' x 1')	38	Wing #1, ceiling, various	None Detected
Flooring	39	Wing #1, kitchen, various	None Detected
Adhesive		Wing #1, kitchen under flooring, tan	None Detected
Texture	40	Wing #3, ceiling, tan	None Detected
Plaster		Wing #3, ceiling, white	None Detected
Plaster		Wing #3, ceiling, various	None Detected
Plaster		Wing #3, ceiling, various	None Detected
Sheetrock	41	Wing #3, walls, various	None Detected
Texture	42	W4-8W walls, various	None Detected
Plaster		W4-W8 walls, red	None Detected
Plaster		W4-W8 walls, white	None Detected
Plaster		W4-W8 walls, various	None Detected
Plaster		W4-W8 walls, various	None Detected
TSI, paper	43	W4-W8, fusebox paper, gray	57% Chrysotile
Adhesive		W4-W8 fusebox, black	None Detected
Plaster	44	Kozy Bar, ceiling, various	None Detected
Plaster		Kozy Bar, ceiling, various	None Detected
Plaster		Kozy Bar, ceiling, various	None Detected
Plaster	45	Kozy Bar, ceiling, various	None Detected
Plaster		Kozy Bar, ceiling, various	None Detected
Plaster		Kozy Bar, ceiling, various	None Detected
Plaster		Kozy Bar, ceiling, various	None Detected
Plaster	46	Kozy Bar, ceiling, various	None Detected
Plaster		Kozy Bar, ceiling, various	None Detected
Plaster		Kozy Bar, ceiling, various	None Detected

Object or Item	Sample ID	Location	% Asbestos
Plaster	47	Kozy Bar, ceiling, tan	None Detected
Plaster		Kozy Bar, ceiling, various	None Detected
Plaster		Kozy Bar, ceiling, various	None Detected
Plaster	48	Kozy Bar, ceiling, various	None Detected
Plaster		Kozy Bar, ceiling, various	None Detected
Plaster	49	Kozy Bar, wall, outer layer, various	None Detected
Plaster		Kozy Bar, wall, outer layer, various	None Detected
Plaster	50	Kozy Bar, wall, outer layer, various	None Detected
Plaster		Kozy Bar, wall, outer layer, various	None Detected
Plaster	51	Kozy Bar, wall, outer layer, various	None Detected
Plaster		Kozy Bar, wall, outer layer, various	None Detected
Plaster	52	Kozy Bar, wall, inner layer, various	None Detected
Plaster		Kozy Bar, wall, inner layer, various	None Detected
Plaster	53	Kozy Bar, wall, inner layer, various	None Detected
Plaster		Kozy Bar, wall, inner layer, various	None Detected
Plaster	54	Kozy Bar, wall, inner layer, various	None Detected
Plaster		Kozy Bar, wall, inner layer, various	None Detected
Wrap	55	Kozy Bar, pipes, tan	None Detected
TSI, (Air-O-Cell)		Kozy Bar, around pipes, various	57% Chrysotile
TSI, (Air-O-Cell)	56	Kozy Bar, around pipes	Positive Stop
TSI, (Air-O-Cell)	57	Kozy Bar, around pipes	Positive Stop
TSI, fittings	58	Kozy Bar, pipe fittings, various	28% Chrysotile
TSI, fittings	59	Kozy Bar, pipe fittings	Positive Stop
TSI, fittings	60	Kozy Bar, pipe fittings	Positive Stop
Ceiling Tile, (1' x 1')	61	Kozy Bar, women's bathroom, various	None Detected
Ceiling Tile, (2'x 2')	62	Kozy Bar, bar area, various	None Detected
Caulk	63	Kozy Bar, bar windows, brown	None Detected

Object or Item	Sample ID	Location	% Asbestos
Linoleum	64	Kozy Bar, on Bar back shelves, various	None Detected
Caulk	65	Kozy Bar, exterior on green front, green	None Detected
Terazzo	66	Kozy Bar, exterior front lower stairs, various	None Detected
Coating	67	Laundry on wires, black	None Detected
Insulation	68	Basement on PVC pipes, brown	None Detected
Pipe Wrap	69	Basement on pipes, brown	None Detected
Caulk	70	Basement metal ceiling seams, tan	None Detected
Caulk		Basement metal ceiling seams, red	None Detected
Sink undercoating	71	Basement under sink, black	7% Chrysotile
Sink undercoating		Basement under sink, white	None Detected
Sheetrock	72	Basement walls, various	None Detected
Mortar	73	Basement, stone walls, various	None Detected
Mortar	74	Basement, brick walls, gray	None Detected
Mortar		Basement, brick walls, various	None Detected
Brick	75	Basement, brick walls, various	None Detected
Texture	76	#2 & #3 Avenue apartments, walls, white	None Detected
Sheetrock		#2 & #3 Avenue apartments, walls, various	None Detected
Texture	77	#2 & #3 Avenue apartment, walls, various	None Detected
Sheetrock		#2 & #3 Avenue apartments, walls, various	None Detected
Texture	78	#2 & #3 Avenue apartments, walls, white	None Detected
Sheetrock		#2 & #3 Avenue apartments, walls, various	None Detected
Paint	79	#3 Street, on pipe, silver	None Detected
Joint Compound	80	#3 Street, ceiling, white	None Detected
Sheetrock		#3 Street, ceiling, various	None Detected
Sink undercoating	81	#3 Street, under sink, brown	6% Chrysotile
Ceramic Tile	82	#3 Street, floor, various	None Detected
Grout		#3 Street, floor, gray	None Detected

Object or Item	Sample ID	Location	% Asbestos
Grout		#3 Street, floor, gray	None Detected
Sheetrock	83	North basement shop, ceiling, various	None Detected
Linoleum	84	North closet, various	None Detected
Stair Tread	85	North hallway, on stairs, various	None Detected
Wallpaper	86	North hallway, on plaster walls, various	None Detected
Adhesive		North hallway, behind wallpaper, gray	None Detected
Plaster		North hallway, walls, white	None Detected
Plaster		North hallway, walls, various	None Detected
VAT	87	North 2 nd level bathroom floor layers, various	None Detected
Adhesive		North 2 nd level bathroom floor layers, clear	None Detected
VAT		North 2 nd level bathroom floor layers, various	None Detected
Adhesive		North 2 nd level bathroom floor layers, clear	None Detected
Adhesive		North 2 nd level bathroom floor layers, tan	None Detected
Mortar	88	North 2 nd level bathroom tub, gray	None Detected
Insulation		North 2 nd level bathroom tub, white	None Detected
Floor Tile, (12"x 12")	89	Apartment 1-AX, gray	None Detected
Adhesive		Apartment 1-AX, tan	None Detected
Backing		Apartment 1-AX, tan	None Detected
VAT	90	Apartment 1-AX, various	None Detected
Adhesive		Apartment 1-AX, clear	None Detected
Plaster	91	Apartment 2-AX, ceiling, various	None Detected
Plaster	92	Apartment 3-FAX, ceiling, various	None Detected
Plaster	93	Apartment 3-FAX, wall, various	None Detected
Plaster	94	Apartment 3-BAX, ceiling, various	None Detected
Sheetrock	95	Apartment 3-BAX, ceiling, various	None Detected
Floor Tile, (12"x 12")	96	Apartment 3-BAX, various	None Detected
Adhesive		Apartment 3-BAX under tile, tan	None Detected
Texture	97	Apartment 4-AX, ceiling, white	None Detected

Object or Item	Sample ID	Location	% Asbestos
Sheetrock	98	Apartment 4-AX, ceiling, various	None Detected
Texture		Apartment 4-AX, wall, various	None Detected
Plaster		Apartment 4-AX, wall, white	None Detected
Plaster		Apartment 4-AX, wall, various	None Detected
VAT	99	Apartment 5-AX, floor, various	None Detected
Adhesive		Apartment 5-AX, floor under VAT, clear	None Detected
Linoleum	100	Apartment 5-AX, under sink, various	16% Chrysotile
Caulk	101	Apartment 5-AX, inside window, various	None Detected
Glazing	102	Apartment 6-AX, window, gray	None Detected
VAT	103	Apartment 6-AX, floor, various	None Detected
Adhesive		Apartment 6-AX, floor under VAT, clear	None Detected
VAT	104	Apartment 7-AX, floor, various	None Detected
Adhesive		Apartment 7-AX, floor under VAT, clear	None Detected
Adhesive		Apartment 7-AX, floor under VAT, brown	None Detected
VAT	105	Apartment 7-AX, floor, various	None Detected
Adhesive		Apartment 7-AX, floor under VAT, clear	None Detected
Adhesive		Apartment 7-AX, floor under VAT, brown	None Detected
Texture	106	2 nd level ("M"), wall, various	None Detected
Sheetrock		2 nd level ("M"), wall, various	None Detected
Brick	107	2 nd level ("M"), fireplace, various	None Detected
Plaster	108	Apartment 1-M, ceiling, various	None Detected
VAT	109	Apartment 1-M, kitchen floor, various	None Detected
Adhesive		Apartment 1-M, kitchen under VAT, clear	None Detected
Ceiling Tile, (2'x 4")	110	Apartment 1-M, living room, various	None Detected
Wallpaper	111	Apartment 2-M, ceiling, various	None Detected
Adhesive		Apartment 2-M, ceiling under wallpaper, gray	None Detected
Plaster		Apartment 2-M, ceiling, tan	None Detected
Plaster		Apartment 2-M, ceiling, various	None Detected

Object or Item	Sample ID	Location	% Asbestos
Wallpaper	112	Apartment 2-M, wall, various	None Detected
Adhesive		Apartment 2-M, wall under paper, gray	None Detected
Plaster	112	Apartment 2-M, walls, tan	None Detected
Plaster		Apartment 2-M, walls, various	None Detected
VAT	113	Apartment 2-M, floor, various	None Detected
Adhesive		Apartment 2-M, floor under VAT, clear	None Detected
Adhesive		Apartment 2-M, floor under VAT, tan	None Detected
Ceiling Tile, (2'x 4')	114	Apartment 2-M, ceiling, various	None Detected
Caulk	115	Apartment 4-M, extra windows, various	None Detected
Texture	116	Apartment 5-M, wall, white	None Detected
Sheetrock		Apartment 5-M, wall, various	None Detected
Floor Tile, (12"x 12")	117	Apartment 5-M, various	None Detected
Adhesive		Apartment 5-M under tile, tan	None Detected
Floor Tile, (12"x 12")	118	Apartment 5-M, various	None Detected
Adhesive		Apartment 5-M, under tile, clear	None Detected
Adhesive		Apartment 5-M, under tile, brown	None Detected
Brick	119	Apartment 5-M, fireplace, various	None Detected
Grout		Apartment 5-M, fireplace, various	None Detected
Mortar	120	Apartment 5-M, fireplace, various	None Detected
Mortar		Apartment 5-M, fireplace, gray	None Detected
Ceiling Tile, (2'x 4')	121	Apartment 5-M, various	None Detected
Ceramic Tile	122	Apartment 6-M, fireplace, various	None Detected
Grout		Apartment 6-M, fireplace, gray	None Detected
Linoleum	123	Apartment 6-M, kitchen, various	None Detected
Ceiling Tile, (2' x 4')	124	Apartment 6-M, various	None Detected
Linoleum	125	Apartment 8-M, various	15% Chrysotile
Ceiling Tile, (18"x 18")	126	Apartment 8-M, various	None Detected

Object or Item	Sample ID	Location	% Asbestos
Linoleum	127	Apartment 8-M, various	None Detected
Glaze	128	Apartment 8-M, windows, various	None Detected
Wallpaper	129	Hall by Apartment 8-M, various	None Detected
Adhesive		Hall by Apartment 8-M, under paper, gray	None Detected
Plaster		Hall by Apartment 8-M, white	None Detected
Plaster		Hall by Apartment 8-M, various	None Detected
Linoleum	130	Room off Apartment 8-M, various	15% Chrysotile
Sheetrock	131	Room off Apartment 8-M, walls, various	None Detected
Plaster	132	Room off Apartment 8-M, walls, white	None Detected
Plaster		Room off Apartment 8-M, walls, various	None Detected
Glaze	133	Apartment 9-M, window, various	None Detected
TSI, (cover)	134	2 nd Floor, South End Pipe Cover, various	59% Chrysotile
Plaster	135	2 nd Floor Hallway walls, gray	None Detected
Plaster		2 nd Floor Hallway walls, various	None Detected
Flooring	136	2 nd Floor, South Hallway, various	None Detected
Adhesive		2 nd Floor, South Hallway under flooring, tan	None Detected
Flooring		2 nd Floor, South Hallway, various	None Detected
Adhesive		2 nd Floor, South Hallway under flooring, black	None Detected
Stair Tread	137	2 nd Floor, Stairs, brown	None Detected
Adhesive		2 nd Floor, under stair tread, brown	None Detected
Ceiling Tile, (2'x 2'), 4-sq. Style	138	Apartment 10-M, various	None Detected
Linoleum	139	Apartment 10-M, various	None Detected
Ceiling Tile, (2' x 2')	140	Apartment 10-M, various	None Detected
Plaster	141	Apartment 11-M, ceiling, various	None Detected
Plaster	142	Apartment 11-M, chimney, gray	None Detected
Plaster		Apartment 11-M, chimney, various	None Detected
VAT	143	Apartment 11-M, kitchen, various	None Detected
Adhesive		Apartment 11-M, kitchen under VAT, clear	None Detected

Object or Item	Sample ID	Location	% Asbestos
VAT	144	Apartment 12-M, floor, various	None Detected
Adhesive		Apartment 12-M, under VAT, clear	None Detected
Texture	145	Apartment 12-M, ceiling, white	None Detected
Sheetrock		Apartment 12-M, ceiling, various	None Detected
Floor Tile, (12"x 12")	146	Hallway Bathroom, various	None Detected
Adhesive		Hallway Bathroom under tile, brown	None Detected
Adhesive		Hallway Bathroom under tile, gray	None Detected
Floor Tile, (12"x 12")	147	Hallway Bathroom, various	None Detected
Adhesive		Hallway Bathroom under tile, brown	None Detected
Linoleum	148	Hallway Bathroom, various	None Detected
Mortar	149	2 nd Floor, Fireplace, various	None Detected
Wallboard	150	3 rd Floor, ceiling, various	None Detected
Adhesive		3 rd Floor, ceiling, gray	None Detected
Plaster		3 rd Floor, ceiling, gray	None Detected
Plaster		3 rd Floor, ceiling, various	None Detected
Plaster		3 rd Floor, ceiling, various	None Detected
Adhesive	151	Apartment 16-M, wall, gray	None Detected
Plaster		Apartment 16-M, wall, white	None Detected
Plaster		Apartment 16-M, wall, various	None Detected
Insulation		Apartment 16-M, wall, brown	None Detected
Linoleum	152	Apartment 16-M, various	None Detected
Adhesive		Apartment 16-M, under linoleum	None Detected
Sheetrock	153	Apartment 16-M, various	None Detected
Linoleum	154	Apartment 17-M, various	None Detected
Adhesive		Apartment 17-M, under linoleum, black	None Detected
Glaze	155	Apartment 17-M, window, various	None Detected
Sink Undercoating	156	Apartment 17-M, under sink, brown	6% Chrysotile
Ceiling Tile, (2'x 4')	157	Apartment 17-M, various	None Detected

Object or Item	Sample ID	Location	% Asbestos
Wallpaper	158	Apartment 18-M, ceiling, various	None Detected
Adhesive		Apartment 18-M, ceiling under wallpaper, gray	None Detected
Plaster		Apartment 18-M, ceiling, tan	None Detected
Plaster		Apartment 18-M, ceiling, brown	None Detected
Plaster		Apartment 18-M, ceiling, white	None Detected
Plaster		Apartment 18-M, ceiling, various	None Detected
Ceiling Tile, (1'x 1')	159	Apartment 19-M, various	None Detected
Flooring	160	Apartment 19-M, floor layers, various	None Detected
Flooring		Apartment 19-M, floor layer, various	None Detected
Flooring		Apartment 19-M, floor layers, various	None Detected
Flooring		Apartment 19-M, floor layers, various	None Detected
Linoleum	161	Apartment 19-M, various	None Detected
Ceiling Tile, (2'x 4')	162	Apartment 20-M, various	None Detected
Sink Undercoating	163	Apartment 20-M, under sink, brown	5% Chrysotile
VAT	164	Apartment 20-M, floor, various	None Detected
Adhesive		Apartment 20-M, under VAT, clear	None Detected
Adhesive		Apartment 20-M, under VAT, tan	None Detected
VAT	165	Apartment 21-M, floor, various	None Detected
Adhesive		Apartment 21-M, under VAT, clear	None Detected
Floor Tile, (12"x 12")	166	Apartment 23-M, floor, various	None Detected
Adhesive		Apartment 23-M, under tile, tan	None Detected
Leveler		Apartment 23-M, under tile, gray	None Detected
Linoleum	167	Apartment 26-M, floor, various	None Detected
Adhesive		Apartment 26-M, under linoleum, tan	None Detected
Linoleum	168	Apartment 27-M, floor, various	None Detected
Adhesive		Apartment 27-M, under linoleum, black	None Detected
Sink Undercoating	169	Apartment 27-M, under sink, brown	6% Chrysotile
Linoleum	170	Apartment 28-M, floor, various	None Detected

Object or Item	Sample ID	Location	% Asbestos
Adhesive		Apartment 28-M, under linoleum, clear	None Detected
Adhesive		Apartment 28-M, under linoleum, tan	None Detected
Linoleum	171	Apartment 30-M, floor, various	None Detected
Ceramic Tile	172	Bathroom by Apartment 31-M, various	None Detected
Mortar		Bathroom by Apartment 31-M, white	None Detected
Linoleum	173	Apartment 32-M, floor, various	None Detected
Adhesive		Apartment 32-M, under linoleum, tan	None Detected
Old Roofing Material, (Felt)	174	In Apartment 15-M on floor, black	None Detected
Old Roofing Material		In Apartment 15-M on floor, black	None Detected
Old Roofing Material		In Apartment 15-M on floor, various	None Detected
Fire doors		Exterior doors to Laundry & NE Annex on 2 nd Ave East	Assumed

By the MDH and MPCA rules and regulations, asbestos containing materials are materials that contain greater than 1% asbestos. Thirty of the materials tested are considered to be Asbestos Containing Materials (ACMs).

Table 2 – Asbestos Containing Materials Summary

Sample #	Sample Description	Location	Friability	Approximate Amount
4	Sink Undercoating	Street #5 sink, gray	Non-Friable	~10 square feet
7	Floor Tile, (9"x 9")	Street #5 floor, black	Non-Friable	~130 square feet
8	Floor Tile, (9"x 9")	Street #5 floor, white	Non-Friable	~130 square feet
	Adhesive	Street #5, under tile, black	Non-Friable	
9	Floor Tile, (9"x 9")	Street #5 floor, brown	Non-Friable	~130 square feet
10	Floor Tile, (9"x 9")	Street #5 floor, gray	Non-Friable	~130 square feet
11	Floor Tile, (9"x 9")	Street #5 floor, green	Non-Friable	~130 square feet
	Adhesive	Street #5, under tile, black	Non-Friable	

Sample #	Sample Description	Location	Friability	Approximate Amount
17	Sink Undercoating	Street #4 under sink, brown	Non-Friable	~8 square feet
19	Floor Tile, (12"x 12")	Street #4 bathroom, various	Non-Friable	~20 square feet
	Adhesive	Street #4, bathroom under tile, black	Non-Friable	
22	Floor Tile, (9"x 9")	Street #4 floor, green	Non-Friable	~300 square feet
	Adhesive	Street #4, under floor tile, black	Non-Friable	
23	Floor Tile, (9"x 9")	Street #4 floor, tan	Non-Friable	~300 square feet
	Adhesive	Street #4, under floor tile, black	Non-Friable	
29	TSI & fittings	Street #1, #2 & #5 pipe & fittings, gray	Friable	~9 fittings ~97 lin. ft. pipe
33	Sink Undercoating	Ballroom under sink, brown	Non-Friable	~8 square feet
43	TSI, paper	4W-8W, fusebox	Friable	~1 square feet
55-57	TSI, Air-O-Cell	Kozy Bar around pipes, various	Friable	~200 lin. ft.
58-60	TSI	Kozy Bar, pipe fittings, various	Friable	~25 fittings
71	Sink Undercoating	Basement under sink, black	Non-Friable	~8 square feet
81	Sink Undercoating	Street #3, under sink, brown	Non-Friable	~8 square feet
100	Linoleum	Apartment 5-AX under sink, various	Non-Friable	~5 square feet
125	Linoleum	Apartment 8-M, various	Non-Friable	~325 square feet
130	Linoleum	Room off apartment 8-M, various	Non-Friable	~400 square feet
134	Pipe Wrap	2 nd Floor, South Entryway, various	Friable	~6 lin. ft.
156	Sink Undercoating	Apartment 17-M, under sink, brown	Non-Friable	~8 square feet
163	Sink Undercoating	Apartment 20-M, under sink, brown	Non-Friable	~8 square feet
169	Sink Undercoating	Apartment 27-M, under sink, brown	Non-Friable	~8 square feet
Fire Doors (assumed to be asbestos containing)		Exterior Doors to Laundry & NE Annex on 2 nd Ave. E	Non-Friable	2 Doors

Regulated Waste

TPT identified the following items that must be removed and properly disposed of before demolition. The following list is merely a guideline for removal; items may have been missed and quantities may not be exact. Any additional regulated waste that is discovered should be removed prior to demolition.

Apartment 5AX:

- 1 Refrigerator
- 1 Gallon of Bleach
- 1 Lamp

Hallway:

- 1 Fire Alarm
- 2 Smoke Detectors

Apartment 7AX:

- 3 Refrigerators
- 1 Stove

Bathroom:

- 1 Smoke Detector
- 1 32oz. Bathroom Cleaner

Apartment 6ax:

- 1 Radio

Back Hallway:

- 1 Fire Alarm
- 1 Exit Sign

Apartment 3-B-AX:

- 1 Smoke Detector
- 1 5-Gallon Carpet Adhesive
- 1 Lamp

Hallway:

- 1 Ballast
- 2 Hallway Heaters
- 1 Fire Alarm System
- 1 Pressure Canister

Apartment 1AX:

- 2 Bike Tires
- 2 Refrigerators
- 1 Speaker
- 1 Stove

Apartment 3F-AX:

- 1 Stove
- 1 Gallon Paint
- 1 Vacuum

Apartment 16M:

- 1 Tire

Apartment 17M:

- 1 Ballast
- 4 Fluorescent bulbs
- 1 Refrigerator
- 1 Stove
- 1 Microwave
- 1 Small Ballast
- 1 Small Fluorescent bulb
- 1 Small Refrigerator
- 1 Box Fan
- Computer parts
- 1 45oz Cascade
- 1 12oz Nail Polish Remover
- Small bottles Soap & Shampoo

Apartment 18M:

- 4 Car stereos
- 1 Vacuum
- 1 Smoke Detector
- 1 Small Fluorescent bulb

Apartment 19M:

- 1 Stereo/Radio Console
- 1 Smoke Alarm
- 1 14oz Ajax

Apartment 20M:

- 1 Refrigerator
- 1 Stove
- 1 Fan unit
- 1 Television
- 1 14oz. Bottle of Ajax
- 1 Ballast
- 2 Fluorescent bulbs

- 1 Lamp
- 1 Fluorescent light
- 1 Smoke Detector

Apartment 21M:

- 1 Small Refrigerator
- 1 Vacuum
- 1 Smoke Detector

Apartment 22M:

- 1 Refrigerator
- 1 Lamp
- 1 Smoke Detector

Apartment 23M:

- 1 Refrigerator
- 1 Gallon of Mystery Liquid
- 1 Smoke Detector

Apartment 24M:

- 1 Fan
- 1 Boom Box (Radio)
- 1 Smoke Detector

Apartment 25M:

- 1 Stereo
- 1 Smoke Detector
- 1 Vacuum

Apartment 26M:

- 1 TV/Radio
- 1 Portable Heater
- 1 Fan
- 1 Small Fluorescent bulb

Bathroom by 26M:

- 2 Ballasts
- 3 Fluorescent bulbs
- 1 Fuse Box

Hallway by 26M:

- 1 Smoke Detector

Apartment 27M:

- 1 Television
- 1 Refrigerator

- 1 Stove
- 3 Microwaves
- 1 Hotplate
- 1 Smoke Detector
- 1 Coffee Maker
- 2 Boombox/Radio
- 1 VHS Recorder
- 1 75Fl. oz. Laundry Detergent

Apartment 28M:

- 1 Smoke Detector

Apartment 29M:

- 1 Smoke Detector

Bathroom by 29M:

- 1 Smoke Detector

Apartment 30M:

- 1 Smoke Detector

Apartment 31M:

- 1 Electrical Box
- 4 Fluorescent bulbs

Closet Across from 30M:

- 3 Gallons of Paint
- 5 Gallons of Stain

Hallway by 32M & 15M:

- 1 String of Lights

Apartment 1M:

- 1 Coffee Maker
- 1 Stove
- 2 Refrigerator
- 1 Ajax
- 1 Grill Cleaner
- 1 Fabuloso
- 1 Scope white
- Solid Waste
- 1 Sewing Machine
- 1 VCR
- 3 Speakers
- 1 Toaster Oven
- 1 Deep Fryer

- 1 Microwave
- 1 Windex
- 1 Easy Off-BAM
- 1 Lamp
- 1 Mattress
- 1 Stereo
- 1 Smoke Detector

Apartment 2M:

- 1 Stove
- 1 60oz Trend
- 1 Microwave
- 2 Irons
- 1 Mixer
- 1 Toaster
- 1 Refrigerator
- 2 Crock Pots
- 1 Lamp
- 1 Coffee Pot
- 1 Tape Recorder
- 1 Television
- 1 Air Purifier

Storage under Stairs by 1M:

- 5 5-Gallon Buckets of Sheetrock Compound
- 1 Gallon of Stripper
- 12 Gallons of Paint
- 2- 1qt. Rustoleum
- 1 Pint Gasket & Joint Sealer
- 2 10amp Batteries

Hallway Outside 2M:

- 1 Security Camera
- 1 Smoke Detector
- 1 Fire Alarm
- 1 Exit Sign
- 2 Mattresses
- 1 Stove

Apartment 3M:

- 1 Refrigerator (Contains Food)
- 1 Stove
- 1 Microwave
- 1 Electrical Heater
- 1 Console Television

- 1 VCR/VHS Player
- Speakers
- 1 Stereo
- 1 Modem
- 1 Ballast
- 2 Fluorescent bulb
- 1 Smoke Detector

Apartment 4M:

- 1 Smoke Detector

Apartment 5M:

- 1 Smoke Alarm
- 1 Refrigerator
- 1 Ceiling Fan Motor
- 1 Box Fan
- 2 Vacuums
- 1 12oz Spray Paint

Hallway by 5M:

- 10 Gallons of Paint
- 1 120oz Mineral Spirits

Apartment 6M:

- 1 Smoke Detector
- 1 Microwave
- 1 12oz Tick & Flea Killer
- 1 ½ Pint Pipe Thread Compound
- 1 Radio
- 1 Tape Deck Player
- 1 Refrigerator
- 1 Stove

Common Area between 6M & 8M:

- 1 Smoke Alarm

Apartment 8M:

- 1 Ballast
- 2 Fluorescent bulbs
- 1 Gallon of Paint

Room between 8M & 9M:

- 1 Refrigerator
- 1 Band Saw
- 1 Lamp
- 1 Stereo/Record Player

- 1 Electronic Air Cleaner
- 1 Ballast
- 4 Fluorescent bulbs
- 1 Vacuum
- 1 Smoke Detector
- 1 Coffee Maker
- 3 Electric Drill with Batteries

Apartment 9M:

- 1 Bike Tire
- 1 Small Fluorescent bulb
- 1 DVD Player
- 1 Modem
- 1 Box of Computer Parts
- 1 Sewing Machine

Bathroom between 9M & 10M:

- 1 Gallon Spectrolyde Bug Stop

Hallway between 9M & 10M:

- 1 Fire Alarm
- 1 Exit Sign

Apartment 12M:

- 1 Smoke Detector
- 1 Coffee Maker
- 1 Television
- 1 DVD
- 1 Toaster Oven
- 1 Gallon of Bleach
- 1 Iron
- 1 Hot Plate
- 1 Vacuum

Upper Basement Shop:

- 7 Ballasts
- 20 Fluorescent bulbs
- 2 Smoke Alarms
- 1 Large Espresso Machine
- 1 Espresso Machine Cleaner
- 1 Heater
- 1 Vacuum
- 1 Tube Blast Heater
- 1 ½ Pint Rustoleum
- 1 Gas Can
- 1 Pint of Paint

- 1 Gallon of Paint
- 1 5-Gallon of Kerosene
- 10 Small Fluorescent bulbs
- 2 Tubes of Caulk
- 1 Gallon of Adhesive
- 1 Quart Lighter Fluid
- 1 Flammable Cabinet of Haz. Waste
- 1 Tiller/Edger
- 1 Weed Wacker
- 1 Leaf Blower
- 1 Leaf Blower
- 1 Pressure Washer
- 1 255 Gallon Tank
- 1 5-Gallon Water Sealant
- 1 Radio
- 1 Hydraulic Jack
- 2 Fire Extinguishers
- 1 Motor
- 1 Gallon Algae Guard
- 2 Batteries
- 1 55-Gallon Blue Barrel

#3 Avenue Apartment:

- 1 Stove
- 1 Microwave
- 1 Television
- 2 Smoke Detectors
- 1 Car Battery
- 1 Gallon of Paint
- 1 Coleman Lantern
- 1 Quart of Lighter Fluid
- 2 Ballasts
- 1 Butane Canister
- 1 Suitcase full of Batteries
- 1 12oz. Can of Spray Adhesive
- 1 Propane Tank
- 1 Bin of Cell Phone & Batteries
- 1 Vacuum

#2 Avenue Apartment:

- 3 Vacuum Cleaners
- 1 Can of Spray Paint
- 1 Small Heater
- 1 Quart Lighter Fluid
- 1 Battery Charger
- 1 Kerosene Heater

- 1 Bottle of Hair Spray
- 1 Coleman Stove
- Drug Sharpies
- 1 Gallon Paint
- 1 Television
- Radom Electronic Equipment
- 1 Tube of Caulk

Laundry:

- 4 Refrigerators
- 1 Computer Monitor
- 1 Coleman Stove
- 1 Sump Pump
- 2 Washers
- 2 Dryers
- 4 Gas Cans
- 1 Kerosene Heaters
- 1 Bike Tire
- General Debris
- 1 Television
- 1 Shop Vacuum

Office Area/Kozy Bar & Storage Area:

- 1 Gallon of Paint
- 1 Computer Monitor
- 1 Computer Modem
- 2 Refrigerators
- 1 Compressor
- 2 Fans
- 1 Ice Maker
- 3 Water Heaters
- 1 Expansion Tank
- 6 Bottles of Cleaner
- 1 Can of Bathroom Cleaner
- 1 Gallon of Coil Cleaner
- 1 Gallon of Ammonia
- 3 Televisions
- 1 Bar Refrigerator
- 2 Bar Coolers
- 1 Toaster Oven
- 1 Microwave
- 1 Pizza Oven
- 2 Spray Bottle of Cleaner
- 1 Carbon Dioxide Gas Canister
- 1 Quart Motor Oil
- 2 Cans of Spray Foam

- 2 Ballasts
- 8 Fluorescent bulbs
- 1 Smokeeater Air Purifier
- 2 Crock Pots
- 1 Can of Roach Fogger
- 1 Can of Spray Insulation
- 1 32oz Toiler Bowl Cleaner
- 2 Boxes Cock Roach Powder
- 4 Cans of Industrial Lubricant
- 2 5-Gallon Laundry Detergent
- 2 Cans of PVC Primer & Cement
- 1 Tube of Caulk
- 1 Pint of Plaster Patch
- 1 Quart of Baseboard Adhesive
- 3 Cans of Spray Paint
- 1 Quart of Cement Additive
- 9 Quarts of Paint
- 1 Fire Extinguisher
- 1 Gallon of Anti-Freeze
- 2 Quarts of Paint Thinner
- 1 3.5 Gallon Linoleum Adhesive
- 1 Walk-in Cooler Motor

3rd Floor 4W thru 8W:

- 2 Refrigerator
- Misc. Solid Waste

2nd Floor Hallway:

- 1 Exit Sign
- 2 Smoke Detectors
- Misc. Cleaning Supplies

Wing #3:

- 1 Refrigerator
- 1 Stove/Oven
- 1 Fire Extinguisher
- Solid Waste

Wing #1:

- 2 Ballasts
- 2 Fluorescent bulbs
- 1 Refrigerator
- 1 Stove/Oven
- 1 Fire Extinguisher
- 2 Cans of Pledge
- 1 Gallon of Bleach

- 1 Murphy Oil Soap
- 1 Windex
- 1 Speaker

Street #1:

- 2 Televisions
- 5 Speakers
- 1 Stereo
- Solid Waste
- 1 Vacuum
- 2 Microwaves
- 1 Dish Receiver
- 1 16oz Hydrogen Peroxide
- 1 Gallon of Bleach
- 1 11oz Silicone Spray
- 1 Spray Bottle Shower Cleaner
- 1 Bottle of Shout
- 1 Bottle of Windex
- 1 Refrigerator
- 1 Stove/Oven
- 1 Toaster
- 1 CD Player
- 1 Shower Fan
- 1 Smoke Detector

Street #2:

- 1 Air Conditioner
- 1 Refrigerator
- 1 Ballast
- 1 Fluorescent bulb
- 1 Microwave
- 1 Stove
- 1 Bottle of Cleaner
- 1 Crock Pot
- 1 Television
- 1 DVD Player
- 1 Video Game System
- Solid Waste

Street #3:

- 2 Printers
- 1 Computer
- 1 Smoke Alarm
- 1 Microwave
- 1 Refrigerator
- 1 Oven/Stove

- Speakers
- 1 Freezer

Street #4:

- 1 Ballast
- 4 Fluorescent bulbs
- 1 Fan Motor
- 1 Stove/Oven
- 1 Coffee Maker
- 1 Fabreeze
- 1 Mattress
- Solid Waste

Street #5:

- 1 Microwave
- 1 Stove/Oven
- 1 Refrigerator
- Solid Waste/Mattresses
- 2 Bug Sprays
- 3 5-Gallon of Joint Compounds
- 2 1-Gallon Paints
- Needles
- 1 5-Gallon of Paint
- 1 Smoke Detector
- 1 Fire Extinguisher
- 19 Fluorescent bulbs
- 7 Bulbs

Ballroom:

- 1 Cable Box
- 3 DVR
- 1 Iron
- 1 Microwave
- 3 Quarts Paint
- 2 Computers
- 1 7.25oz Paint
- 1 Television
- 1 Griddle
- 4 Ballasts
- 4 Fluorescent bulbs
- 2 Coffee Makers
- 1 Dehumidifier
- 8 1-Gallon Paints
- 3 Speakers
- 1 Printer
- Solid Waste

- 1 Fan
- 1 Quart of Motor Oil
- 1 Chlorox wipes
- 1 Spray Can Insulation
- 1 Can of Spray Paint
- 1 Tube of Caulk

Exterior:

- 4 Ballasts
- 5 Fluorescent bulbs

Penthouse:

- 1 Wall heater
- 1 Electrical box
- 1 Fire extinguisher

Street #5:

- 19 Fluorescent bulbs
- 7 Ballasts
- 1 Smoke Alarm

- 1 Motor
- 1 Gallon of cleaner
- 3 Fans
- 1 Furnace
- 1 Compressor motor
- 2 Fan units
- 1 Smoke alarm

Exterior roof:

- 5 Fan units

Exterior:

- 1 Electrical box (East side)
- 1 Wall/AC unit
- 1 Microwave
- 1 Refrigerator
- 1 Oven/Stove

RECOMMENDATIONS

TPT recommends the abatement of the asbestos containing materials prior to demolition. These materials include:

- All sink undercoating;
 - All 9"x 9" floor tiles located in Street #4 & #5;
 - All black adhesive in Street #4 & #5;
 - 12"x 12" floor tile & adhesive in the bathroom of Street #4;
 - Linoleum in Apartment 5-AX;
 - Linoleum in Apartment 8-AX;
 - Linoleum in Room off of Apartment 8-AX;
 - Pipe Cover located on 2nd Floor South Entryway;
 - TSI (paper) around fuse box located in the Apartment 4W-8W area;
 - All TSI on Pipes & Fittings located in Street #1, #2, #5 and Kozy Bar; and
 - All TSI on Boiler, Pipes and Fittings located in the Steam Room which is currently under water.
- These materials should be assumed asbestos containing unless proven otherwise by sampling.

Asbestos abatement must be completed by a State of Minnesota licensed Asbestos Abatement Contractor.

TPT recommends proper removal and disposal of the regulated wastes prior to demolition.

This inspection was conducted according to federal, state and local regulations. If you have any questions regarding this report, please feel free to contact me at (715) 392-7114 (office). Thank you for the opportunity to conduct this work.

Sincerely,

Twin Ports Testing II, Inc.



Rob Thomas
Industrial Hygiene Technician
Inspector #AI12266

11/30/18

Date



Gary Christner
Industrial Hygiene Technician
Inspector #AI3694

11/30/18

Date

Attachments: Appendix A: Inspector Certifications
Appendix B: Asbestos Laboratory Analytical Results
Appendix C: Site Drawings

Appendix A

Inspector Certifications



G. J. Christner
Director, Env. Health Div.

m ASBESTOS
INSPECTOR

DEPARTMENT
OF HEALTH

Certified by:

State of Minnesota

Department of Health

Expires: 01/04/2019

Gary J. Christner

2387 Pershing Street

Durham, MN 55811

No A13694

Issued: 01/19/2018



m ASBESTOS
DEPARTMENT OF HEALTH SITE
Certified by: **SUPERVISOR**
State of Minnesota
Department of Health
Expires: **04/03/2019**
Robert W. Thomas, Jr.
4822 S County Rd F
Maple, WI 54854

[Signature]
Director, Env. Health Div.

No AS12266 Issued: 04/30/2018



m ASBESTOS
DEPARTMENT OF HEALTH INSPECTOR
Certified by:
State of Minnesota
Department of Health
Expires: **04/04/2019**
Robert W. Thomas, Jr.
4822 S County Rd F
Maple, WI 54854

[Signature]
Director, Env. Health Div.

No AI12266 Issued: 04/30/2018



m LEAD
DEPARTMENT OF HEALTH Risk Assessor
Licensed by:
State of Minnesota
Department of Health
License No. LR5160
Expires **04/09/2019**

Robert W. Thomas, Jr.
4822 S County Rd F
Maple, WI 54854

[Signature]
Director, Env. Health Div.



m **ASBESTOS**
DEPARTMENT OF HEALTH
MANAGEMENT
Certified by: **PLANNER**
State of Minnesota
Department of Health
Expires: 01/03/2019
Tracy L. Jacobs
4748 Lavaque Bypass Rd
Duluth, MN 55811

Tracy L. Jacobs
Director, Env. Health Div. No. AM7964 Issued: 01/19/2018



m **ASBESTOS**
DEPARTMENT OF HEALTH
PROJECT
Certified by: **DESIGNER**
State of Minnesota
Department of Health
Expires: 11/16/2018
Tracy L. Jacobs
4748 Lavaque Bypass Rd
Duluth, MN 55811

Tracy L. Jacobs
Director, Env. Health Div. No. AD7964 Issued: 01/19/2018



m **ASBESTOS**
DEPARTMENT OF HEALTH
SITE
Certified by: **SUPERVISOR**
State of Minnesota
Department of Health
Expires: 04/11/2019
Tracy L. Jacobs
4748 Lavaque Bypass Rd
Duluth, MN 55811

Tracy L. Jacobs
Director, Env. Health Div. No. AS7964 Issued: 04/30/2018



m **LEAD**
DEPARTMENT OF HEALTH
Risk Assessor
Licensed by:
State of Minnesota
Department of Health
License No. LR1255
Expires 04/09/2019
Tracy L. Jacobs
4748 Lavaque Bypass Rd
Duluth, MN 55811

Tracy L. Jacobs
Director, Env. Health Div.



m **ASBESTOS**
DEPARTMENT OF HEALTH
INSPECTOR
Certified by:
State of Minnesota
Department of Health
Expires: 04/12/2019
Tracy L. Jacobs
4748 Lavaque Bypass Rd
Duluth, MN 55811

Tracy L. Jacobs
Director, Env. Health Div. No. AI7964 Issued: 04/30/2018

Appendix B

Asbestos Laboratory Analytical Results

**EMSL Analytical, Inc.**

14375 23rd Avenue North Minneapolis, Mn 55447

Tel/Fax: (763) 449-4922 / (763) 449-4924

<http://www.EMSL.com/minneapolislab@emsl.com>**EMSL Order:** 351809019**Customer ID:** TWNT42**Customer PO:****Project ID:****Attention:** Tracy Jacobs

Twin Ports Testing II, Inc.

1301 North Third Street

Superior, WI 54880

Phone: (218) 390-0162**Fax:****Received Date:** 11/14/2018 8:55 AM**Analysis Date:** 11/27/2018 - 11/28/2018**Collected Date:****Project:** 18A0352 - Pastoret Terrace**Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy**

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
1 351809019-0001	Street #5, Ceiling Tile, 2x4	Various Fibrous Heterogeneous	27% Cellulose 36% Min. Wool	27% Perlite 10% Non-fibrous (Other)	None Detected
2 351809019-0002	Street #5, Sheetrock, Wall	Various Non-Fibrous Heterogeneous	28% Cellulose	72% Non-fibrous (Other)	None Detected
3-Texture 351809019-0003	Street #5, Plaster, Wall	Various Non-Fibrous Heterogeneous		100% Non-fibrous (Other)	None Detected
3-Plaster 351809019-0003A	Street #5, Plaster, Wall	Various Non-Fibrous Homogeneous		19% Quartz 81% Non-fibrous (Other)	None Detected
3-Plaster 351809019-0003B	Street #5, Plaster, Wall	Various Non-Fibrous Homogeneous	6% Cellulose	29% Quartz 65% Non-fibrous (Other)	None Detected
4 351809019-0004	Street #5, Sink Undercoating	Gray Non-Fibrous Homogeneous		97% Non-fibrous (Other)	3% Chrysotile
5-Floor Tile 351809019-0005	Street #5, Floor Tile, 12x12, Bathroom	Various Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
5-Adhesive 351809019-0005A	Street #5, Floor Tile, 12x12, Bathroom	Tan Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
5-Adhesive 351809019-0005B	Street #5, Floor Tile, 12x12, Bathroom	Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
6-Floor Tile 351809019-0006	Street #5, Floor Tile, 12x12, Under Cabinets	Various Non-Fibrous Heterogeneous		100% Non-fibrous (Other)	None Detected
6-Adhesive 351809019-0006A	Street #5, Floor Tile, 12x12, Under Cabinets	Clear Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
6-Leveler 351809019-0006B	Street #5, Floor Tile, 12x12, Under Cabinets	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7-Floor Tile 351809019-0007	Street #5, Floor Tile, 9x9, Black	Black Non-Fibrous Homogeneous		88% Non-fibrous (Other)	12% Chrysotile
7-Adhesive 351809019-0007A	Street #5, Floor Tile, 9x9, Black	Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7-Leveler 351809019-0007B	Street #5, Floor Tile, 9x9, Black	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
8-Floor Tile 351809019-0008	Street #5, Floor Tile, 9x9, White	White Non-Fibrous Homogeneous		87% Non-fibrous (Other)	13% Chrysotile

Initial report from: 11/29/2018 14:06:37

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<http://www.EMSL.com/minneapolislab@emsl.com>

EMSL Order: 351809019

Customer ID: TWNT42

Customer PO:

Project ID:

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos % Type
			% Fibrous	% Non-Fibrous	
8-Adhesive 351809019-0008A	Street #5, Floor Tile, 9x9, White	Black Non-Fibrous Homogeneous		92% Non-fibrous (Other)	8% Chrysotile
9-Floor Tile 351809019-0009	Street #5, Floor Tile, 9x9, Brown	Brown Non-Fibrous Homogeneous		86% Non-fibrous (Other)	14% Chrysotile
9-Adhesive 351809019-0009A	Street #5, Floor Tile, 9x9, Brown	Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
9-Leveler 351809019-0009B	Street #5, Floor Tile, 9x9, Brown	Various Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
10-Floor Tile 351809019-0010	Street #5, Floor Tile, 9x9, Gray	Gray Non-Fibrous Homogeneous		89% Non-fibrous (Other)	11% Chrysotile
10-Adhesive 351809019-0010A	Street #5, Floor Tile, 9x9, Gray	Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
10-Leveler 351809019-0010B	Street #5, Floor Tile, 9x9, Gray	Various Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
11-Floor Tile 351809019-0011	Street #5, Floor Tile, 9x9, Green	Green Non-Fibrous Homogeneous		83% Non-fibrous (Other)	17% Chrysotile
11-Adhesive 351809019-0011A	Street #5, Floor Tile, 9x9, Green	Black Non-Fibrous Homogeneous		93% Non-fibrous (Other)	7% Chrysotile
11-Leveler 351809019-0011B	Street #5, Floor Tile, 9x9, Green	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
12-Plaster 351809019-0012	Street #4, Plaster, Ceiling	Various Non-Fibrous Homogeneous		28% Quartz 72% Non-fibrous (Other)	None Detected
12-Plaster 351809019-0012A	Street #4, Plaster, Ceiling	Various Non-Fibrous Homogeneous	5% Hair	28% Quartz 67% Non-fibrous (Other)	None Detected
12-Insulation 351809019-0012B	Street #4, Plaster, Ceiling	Brown Fibrous Homogeneous	88% Cellulose	12% Non-fibrous (Other)	None Detected
13-Texture 351809019-0013	Street #4, Plaster, Wall	Various Non-Fibrous Heterogeneous		100% Non-fibrous (Other)	None Detected
13-Plaster 351809019-0013A	Street #4, Plaster, Wall	Tan Non-Fibrous Homogeneous		19% Quartz 81% Non-fibrous (Other)	None Detected
13-Plaster 351809019-0013B	Street #4, Plaster, Wall	Various Non-Fibrous Homogeneous		29% Quartz 71% Non-fibrous (Other)	None Detected
13-Plaster 351809019-0013C	Street #4, Plaster, Wall	Various Non-Fibrous Homogeneous	6% Hair	29% Quartz 65% Non-fibrous (Other)	None Detected
14 351809019-0014	Street #4, Sheetrock, Wall	Various Non-Fibrous Heterogeneous	16% Cellulose	84% Non-fibrous (Other)	None Detected
15 351809019-0015	Street #4, Ceiling Tile, 2x4, Smooth	Various Fibrous Heterogeneous	87% Cellulose	13% Non-fibrous (Other)	None Detected

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EMSL Order: 351809019

Customer ID: TWNT42

Customer PO:

Project ID:

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos % Type
			% Fibrous	% Non-Fibrous	
16-Ceiling Tile 351809019-0016	Street #4, Ceiling Tile, 12x12, Adhesive Pucks	Various Fibrous Heterogeneous	88% Cellulose	12% Non-fibrous (Other)	None Detected
16-Adhesive 351809019-0016A	Street #4, Ceiling Tile, 12x12, Adhesive Pucks	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
17 351809019-0017	Street #4, Sink Undercoating	Brown Non-Fibrous Homogeneous		94% Non-fibrous (Other)	6% Chrysotile
18 351809019-0018	Street #4, Linoleum, Bathroom	Various Non-Fibrous Heterogeneous	6% Synthetic 16% Glass	78% Non-fibrous (Other)	None Detected
19-Floor Tile 351809019-0019	Street #4, Floor Tiles, 12x12, Bathroom	Various Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
19-Adhesive 351809019-0019A	Street #4, Floor Tiles, 12x12, Bathroom	Tan Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
19-Floor Tile 351809019-0019B	Street #4, Floor Tiles, 12x12, Bathroom	Various Non-Fibrous Homogeneous		88% Non-fibrous (Other)	12% Chrysotile
19-Adhesive 351809019-0019C	Street #4, Floor Tiles, 12x12, Bathroom	Black Non-Fibrous Homogeneous		93% Non-fibrous (Other)	7% Chrysotile
19-Brick 351809019-0019D	Street #4, Floor Tiles, 12x12, Bathroom	Red Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
20-Floor Tile 351809019-0020	Street #4, Floor Tiles, 12x12, Vat, Kitchen Area	Various Non-Fibrous Heterogeneous		100% Non-fibrous (Other)	None Detected
20-Adhesive 351809019-0020A	Street #4, Floor Tiles, 12x12, Vat, Kitchen Area	Clear Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
20-Adhesive 351809019-0020B	Street #4, Floor Tiles, 12x12, Vat, Kitchen Area	Tan Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
21-Floor Tile 351809019-0021	Street #4, Floor Tiles, 12x12, Kitchen Area	Various Non-Fibrous Heterogeneous		100% Non-fibrous (Other)	None Detected
21-Adhesive 351809019-0021A	Street #4, Floor Tiles, 12x12, Kitchen Area	Clear Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22-Floor Tile 351809019-0022	Street #4, Floor Tiles, 9x9, Green	Green Non-Fibrous Homogeneous		82% Non-fibrous (Other)	18% Chrysotile
22-Adhesive 351809019-0022A	Street #4, Floor Tiles, 9x9, Green	Black Non-Fibrous Homogeneous		92% Non-fibrous (Other)	8% Chrysotile
22-Leveler 351809019-0022B	Street #4, Floor Tiles, 9x9, Green	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
23-Floor Tile 351809019-0023	Street #4, Floor Tiles, 9x9, Tan	Tan Non-Fibrous Homogeneous		86% Non-fibrous (Other)	14% Chrysotile
23-Adhesive 351809019-0023A	Street #4, Floor Tiles, 9x9, Tan	Black Non-Fibrous Homogeneous		91% Non-fibrous (Other)	9% Chrysotile

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Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos % Type
			% Fibrous	% Non-Fibrous	
23-Leveler 351809019-0023B	Street #4, Floor Tiles, 9x9, Tan	Various Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
24-Flooring 351809019-0024	Street #3, Flooring	Various Non-Fibrous Heterogeneous		100% Non-fibrous (Other)	None Detected
24-Adhesive 351809019-0024A	Street #3, Flooring	Clear Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
24-Adhesive 351809019-0024B	Street #3, Flooring	Tan Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
25-Plaster 351809019-0025	Street #3, Plaster Wall	Various Non-Fibrous Homogeneous		18% Quartz 84% Non-fibrous (Other)	None Detected
25-Plaster 351809019-0025A	Street #3, Plaster Wall	Various Non-Fibrous Homogeneous	3% Hair	28% Quartz 71% Non-fibrous (Other)	None Detected
26-Flooring 351809019-0026	Street #2, Flooring, Kitchen	Various Non-Fibrous Heterogeneous		100% Non-fibrous (Other)	None Detected
26-Adhesive 351809019-0026A	Street #2, Flooring, Kitchen	Clear Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
26-Floor Tile 351809019-0026B	Street #2, Flooring, Kitchen	Various Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
26-Adhesive 351809019-0026C	Street #2, Flooring, Kitchen	Tan Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
26-Brick 351809019-0026D	Street #2, Flooring, Kitchen	Various Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
27 351809019-0027	Street #2, TSI	Various Fibrous Homogeneous		43% Non-fibrous (Other)	57% Chrysotile
28-Plaster 351809019-0028	Street #2, Plaster, Wall	Various Non-Fibrous Homogeneous		28% Quartz 72% Non-fibrous (Other)	None Detected
28-Plaster 351809019-0028A	Street #2, Plaster, Wall	Various Non-Fibrous Homogeneous	5% Hair	28% Quartz 67% Non-fibrous (Other)	None Detected
29 351809019-0029	Street #1, TSI, Fitting	Gray Non-Fibrous Homogeneous		71% Non-fibrous (Other)	28% Chrysotile
30 351809019-0030	Street #1, Plaster, Ceiling	Various Non-Fibrous Homogeneous	6% Cellulose	94% Non-fibrous (Other)	None Detected
31 351809019-0031	Street #1, Sheetrock, Wall	White Non-Fibrous Homogeneous	17% Glass	83% Non-fibrous (Other)	None Detected
32 351809019-0032	Ballroom, Sheetrock, Ceiling	Tan Non-Fibrous Homogeneous	18% Glass	82% Non-fibrous (Other)	None Detected
33 351809019-0033	Ballroom, Sink Undercoating	Brown Non-Fibrous Homogeneous		94% Non-fibrous (Other)	6% Chrysotile

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Customer ID: TWNT42

Customer PO:

Project ID:

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos % Type
			% Fibrous	% Non-Fibrous	
34-Flooring 351809019-0034	Ballroom, Flooring, Bathroom	Various Non-Fibrous Heterogeneous		100% Non-fibrous (Other)	None Detected
34-Adhesive 351809019-0034A	Ballroom, Flooring, Bathroom	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
35-Flooring 351809019-0035	Ballroom, Flooring, by Kitchen	Brown Non-Fibrous Heterogeneous	36% Cellulose 6% Synthetic	58% Non-fibrous (Other)	None Detected
35-Adhesive 351809019-0035A	Ballroom, Flooring, by Kitchen	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
35-Adhesive 351809019-0035B	Ballroom, Flooring, by Kitchen	Green Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
36-Texture 351809019-0036	Wing #1, Plaster, Ceiling	Tan Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
36-Plaster 351809019-0036A	Wing #1, Plaster, Ceiling	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
36-Plaster 351809019-0036B	Wing #1, Plaster, Ceiling	Various Non-Fibrous Homogeneous		27% Quartz 73% Non-fibrous (Other)	None Detected
36-Plaster 351809019-0036C	Wing #1, Plaster, Ceiling	Various Non-Fibrous Homogeneous		17% Quartz 83% Non-fibrous (Other)	None Detected
37 351809019-0037	Wing #1, Ceiling Tile, 2x4	Various Fibrous Heterogeneous	28% Cellulose 37% Min. Wool	28% Perlite 7% Non-fibrous (Other)	None Detected
38 351809019-0038	Wing #1, Ceiling Tile, 1x1	Various Fibrous Heterogeneous	96% Cellulose	4% Non-fibrous (Other)	None Detected
39-Flooring 351809019-0039	Wing #1, Flooring, Kitchen	Various Non-Fibrous Heterogeneous	6% Synthetic 16% Glass	78% Non-fibrous (Other)	None Detected
39-Adhesive 351809019-0039A	Wing #1, Flooring, Kitchen	Tan Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
40-Texture 351809019-0040	Wing #3, Plaster, Ceiling	Tan Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
40-Plaster 351809019-0040A	Wing #3, Plaster, Ceiling	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
40-Plaster 351809019-0040B	Wing #3, Plaster, Ceiling	Various Non-Fibrous Homogeneous	4% Hair	27% Quartz 69% Non-fibrous (Other)	None Detected
40-Plaster 351809019-0040C	Wing #3, Plaster, Ceiling	Various Non-Fibrous Homogeneous		17% Quartz 83% Non-fibrous (Other)	None Detected
41 351809019-0041	Wing #3, Sheetrock, Wall	Various Non-Fibrous Heterogeneous	18% Cellulose 15% Glass	67% Non-fibrous (Other)	None Detected
42-Texture 351809019-0042	4W-8W, Plaster, Walls	Various Non-Fibrous Heterogeneous		100% Non-fibrous (Other)	None Detected

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Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos % Type
			% Fibrous	% Non-Fibrous	
42-Plaster 351809019-0042A	4W-8W, Plaster, Walls	Red Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
42-Plaster 351809019-0042B	4W-8W, Plaster, Walls	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
42-Plaster 351809019-0042C	4W-8W, Plaster, Walls	Various Non-Fibrous Homogeneous	3% Hair	26% Quartz 71% Non-fibrous (Other)	None Detected
42-Plaster 351809019-0042D	4W-8W, Plaster, Walls	Various Non-Fibrous Homogeneous		16% Quartz 84% Non-fibrous (Other)	None Detected
43-TSI 351809019-0043	4W-8W, TSI, Fusebox Paper	Gray Fibrous Homogeneous		43% Non-fibrous (Other)	57% Chrysotile
43-Adhesive 351809019-0043A	4W-8W, TSI, Fusebox Paper	Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
44-Plaster 351809019-0044	Kozy Bar, Plaster, Ceiling	Various Non-Fibrous Homogeneous		28% Quartz 72% Non-fibrous (Other)	None Detected
44-Plaster 351809019-0044A	Kozy Bar, Plaster, Ceiling	Various Non-Fibrous Homogeneous	5% Hair	28% Quartz 67% Non-fibrous (Other)	None Detected
44-Plaster 351809019-0044B	Kozy Bar, Plaster, Ceiling	Various Non-Fibrous Homogeneous		18% Quartz 82% Non-fibrous (Other)	None Detected
45-Plaster 351809019-0045	Kozy Bar, Plaster, Ceiling	Various Non-Fibrous Homogeneous		29% Quartz 71% Non-fibrous (Other)	None Detected
45-Plaster 351809019-0045A	Kozy Bar, Plaster, Ceiling	Various Non-Fibrous Homogeneous	6% Hair	29% Quartz 65% Non-fibrous (Other)	None Detected
45-Plaster 351809019-0045B	Kozy Bar, Plaster, Ceiling	Various Non-Fibrous Homogeneous		19% Quartz 81% Non-fibrous (Other)	None Detected
46-Plaster 351809019-0046	Kozy Bar, Plaster, Ceiling	Various Non-Fibrous Homogeneous		26% Quartz 74% Non-fibrous (Other)	None Detected
46-Plaster 351809019-0046A	Kozy Bar, Plaster, Ceiling	Various Non-Fibrous Homogeneous	3% Hair	26% Quartz 71% Non-fibrous (Other)	None Detected
46-Plaster 351809019-0046B	Kozy Bar, Plaster, Ceiling	Various Non-Fibrous Homogeneous		16% Quartz 84% Non-fibrous (Other)	None Detected
47-Plaster 351809019-0047	Kozy Bar, Plaster, Ceiling	Tan Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
47-Plaster 351809019-0047A	Kozy Bar, Plaster, Ceiling	Various Non-Fibrous Homogeneous		27% Quartz 73% Non-fibrous (Other)	None Detected
47-Plaster 351809019-0047B	Kozy Bar, Plaster, Ceiling	Various Non-Fibrous Homogeneous		17% Quartz 83% Non-fibrous (Other)	None Detected
48-Plaster 351809019-0048	Kozy Bar, Plaster, Ceiling	Various Non-Fibrous Homogeneous		28% Quartz 72% Non-fibrous (Other)	None Detected

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Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos % Type
			% Fibrous	% Non-Fibrous	
48-Plaster 351809019-0048A	Kozy Bar, Plaster, Ceiling	Various Non-Fibrous Homogeneous		18% Quartz 82% Non-fibrous (Other)	None Detected
49-Plaster 351809019-0049	Kozy Bar, Plaster, Wall, Outer Layer	Various Non-Fibrous Homogeneous		14% Quartz 86% Non-fibrous (Other)	None Detected
49-Plaster 351809019-0049A	Kozy Bar, Plaster, Wall, Outer Layer	Various Non-Fibrous Homogeneous		29% Quartz 71% Non-fibrous (Other)	None Detected
50-Plaster 351809019-0050	Kozy Bar, Plaster, Wall, Outer Layer	Various Non-Fibrous Homogeneous		11% Quartz 89% Non-fibrous (Other)	None Detected
50-Plaster 351809019-0050A	Kozy Bar, Plaster, Wall, Outer Layer	Various Non-Fibrous Homogeneous		26% Quartz 74% Non-fibrous (Other)	None Detected
51-Plaster 351809019-0051	Kozy Bar, Plaster, Wall, Outer Layer	Various Non-Fibrous Homogeneous		12% Quartz 88% Non-fibrous (Other)	None Detected
51-Plaster 351809019-0051A	Kozy Bar, Plaster, Wall, Outer Layer	Various Non-Fibrous Homogeneous		27% Quartz 73% Non-fibrous (Other)	None Detected
52-Plaster 351809019-0052	Kozy Bar, Plaster, Wall, Inner Layer	Various Non-Fibrous Homogeneous		28% Quartz 72% Non-fibrous (Other)	None Detected
52-Plaster 351809019-0052A	Kozy Bar, Plaster, Wall, Inner Layer	Various Non-Fibrous Homogeneous	5% Hair	28% Quartz 67% Non-fibrous (Other)	None Detected
53-Plaster 351809019-0053	Kozy Bar, Plaster, Wall, Inner Layer	Various Non-Fibrous Homogeneous		29% Quartz 71% Non-fibrous (Other)	None Detected
53-Plaster 351809019-0053A	Kozy Bar, Plaster, Wall, Inner Layer	Various Non-Fibrous Homogeneous	6% Hair	29% Quartz 65% Non-fibrous (Other)	None Detected
54-Plaster 351809019-0054	Kozy Bar, Plaster, Wall, Inner Layer	Various Non-Fibrous Homogeneous		26% Quartz 74% Non-fibrous (Other)	None Detected
54-Plaster 351809019-0054A	Kozy Bar, Plaster, Wall, Inner Layer	Various Non-Fibrous Homogeneous	3% Hair	26% Quartz 71% Non-fibrous (Other)	None Detected
55-Wrap 351809019-0055	Kozy Bar, TSI, Air-O-Cell, Pipe Wrap	Tan Fibrous Homogeneous	87% Fibrous (Other)	13% Non-fibrous (Other)	None Detected
55-TSI 351809019-0055A	Kozy Bar, TSI, Air-O-Cell, Pipe Wrap	Various Fibrous Homogeneous		43% Non-fibrous (Other)	57% Chrysotile
56 351809019-0056	Kozy Bar, TSI, Air-O-Cell, Pipe Wrap				Positive Stop (Not Analyzed)
57 351809019-0057	Kozy Bar, TSI, Air-O-Cell, Pipe Wrap				Positive Stop (Not Analyzed)
58 351809019-0058	Kozy Bar, TSI, Fittings	Various Non-Fibrous Homogeneous		72% Non-fibrous (Other)	28% Chrysotile
59 351809019-0059	Kozy Bar, TSI, Fittings				Positive Stop (Not Analyzed)

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<http://www.EMSL.com / minneapolislab@emsl.com>**EMSL Order:** 351809019**Customer ID:** TWNT42**Customer PO:****Project ID:****Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy**

Sample	Description	Appearance	<u>Non-Asbestos</u>		<u>Asbestos</u>
			% Fibrous	% Non-Fibrous	% Type
60	Kozy Bar, TSI, Fittings				Positive Stop (Not Analyzed)
351809019-0060					
61	Kozy Bar, Ceiling Tile, 1x1, Women's Bath	Various Fibrous Heterogeneous	89% Cellulose	11% Non-fibrous (Other)	None Detected
351809019-0061					
62	Kozy Bar, Ceiling Tile, 2x2, Bar Area	Various Fibrous Heterogeneous	28% Cellulose 35% Min. Wool	26% Perlite 13% Non-fibrous (Other)	None Detected
351809019-0062					
63	Kozy Bar, Caulk, Windows	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
351809019-0063					
64	Kozy Bar, Linoleum, Bar Back Shelves	Various Non-Fibrous Heterogeneous	17% Cellulose 7% Glass	76% Non-fibrous (Other)	None Detected
351809019-0064					
65	Exterior, Caulk, on Green Front	Green Non-Fibrous Heterogeneous		100% Non-fibrous (Other)	None Detected
351809019-0065					
Inseparable coating layer included in analysis.					
66	Exterior, Terazzo, Front Lower/Stairs	Various Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
351809019-0066					
67	Laundry, Coating on Wires	Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
351809019-0067					
68	Basement, Insulation, PVC Pipes	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
351809019-0068					
69	Basement, Pipe Wrap	Brown Fibrous Homogeneous	98% Fibrous (Other)	2% Non-fibrous (Other)	None Detected
351809019-0069					
70-Caulk	Basement, Caulk, Metal Ceiling Seams	Tan Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
351809019-0070					
70-Caulk	Basement, Caulk, Metal Ceiling Seams	Red Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
351809019-0070A					
71-Coating	Basement, Sink Under Coating	Black Non-Fibrous Homogeneous		91% Non-fibrous (Other)	9% Chrysotile
351809019-0071					
71-Coating	Basement, Sink Under Coating	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
351809019-0071A					
72	Basement, Sheetrock, Wall	Various Non-Fibrous Heterogeneous	16% Cellulose 13% Glass	71% Non-fibrous (Other)	None Detected
351809019-0072					
73	Basement, Mortar, Stone Walls	Various Non-Fibrous Homogeneous		27% Quartz 73% Non-fibrous (Other)	None Detected
351809019-0073					
74-Mortar	Basement, Mortar, Brick Walls	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
351809019-0074					
74-Mortar	Basement, Mortar, Brick Walls	Various Non-Fibrous Homogeneous	5% Hair	26% Quartz 67% Non-fibrous (Other)	None Detected
351809019-0074A					

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Sample	Description	Appearance	<u>Non-Asbestos</u>		<u>Asbestos</u>
			% Fibrous	% Non-Fibrous	% Type
75 351809019-0075	Basement, Brick, Wall	Various Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
76-Texture 351809019-0076	#2 and #3 Ave, Sheetrock, Wall	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
76-Sheetrock 351809019-0076A	#2 and #3 Ave, Sheetrock, Wall	Various Non-Fibrous Heterogeneous	22% Cellulose	78% Non-fibrous (Other)	None Detected
77-Texture 351809019-0077	#2 and #3 Ave, Sheetrock, Wall (#2)	Various Non-Fibrous Heterogeneous		100% Non-fibrous (Other)	None Detected
77-Sheetrock 351809019-0077A	#2 and #3 Ave, Sheetrock, Wall (#2)	Various Non-Fibrous Heterogeneous	19% Cellulose	81% Non-fibrous (Other)	None Detected
78-Texture 351809019-0078	#2 and #3 Ave, Sheetrock, Wall	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
78-Sheetrock 351809019-0078A	#2 and #3 Ave, Sheetrock, Wall	Various Non-Fibrous Heterogeneous	20% Cellulose	80% Non-fibrous (Other)	None Detected
79 351809019-0079	#3 Street, Paint, on Pipe (Silver)	Silver Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
80-Joint Compound 351809019-0080	#3 Street, Sheetrock, Ceiling	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
80-Sheetrock 351809019-0080A	#3 Street, Sheetrock, Ceiling	Various Non-Fibrous Heterogeneous	21% Cellulose	79% Non-fibrous (Other)	None Detected
81 351809019-0081	#3 Street, Sink Undercoating	Brown Non-Fibrous Homogeneous		94% Non-fibrous (Other)	6% Chrysotile
82-Floor Tile 351809019-0082	#3 Street, Ceramic Floor Tile and Grout	Various Non-Fibrous Heterogeneous		100% Non-fibrous (Other)	None Detected
82-Grout 351809019-0082A	#3 Street, Ceramic Floor Tile and Grout	Gray Non-Fibrous Homogeneous		16% Quartz 84% Non-fibrous (Other)	None Detected
82-Grout 351809019-0082B	#3 Street, Ceramic Floor Tile and Grout	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
83 351809019-0083	N Basement Shop, Ceiling Sheetrock	Various Non-Fibrous Heterogeneous	7% Cellulose 17% Glass	76% Non-fibrous (Other)	None Detected
84 351809019-0084	N Closet, Linoleum	Various Non-Fibrous Heterogeneous	38% Cellulose 8% Glass	54% Non-fibrous (Other)	None Detected
85 351809019-0085	N. Hallway, Stair Tread	Various Non-Fibrous Heterogeneous	29% Fibrous (Other)	71% Non-fibrous (Other)	None Detected
86-Wallpaper 351809019-0086	N. Hallway, Plaster Wall	Various Non-Fibrous Heterogeneous	46% Cellulose	54% Non-fibrous (Other)	None Detected
86-Adhesive 351809019-0086A	N. Hallway, Plaster Wall	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected

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EMSL Order: 351809019

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Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos % Type
			% Fibrous	% Non-Fibrous	
86-Plaster 351809019-0086B	N. Hallway, Plaster Wall	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
86-Plaster 351809019-0086C	N. Hallway, Plaster Wall	Various Non-Fibrous Homogeneous	6% Hair	26% Quartz 68% Non-fibrous (Other)	None Detected
87-VAT 351809019-0087	N. 2nd Level Bath, VAT Layers	Various Non-Fibrous Heterogeneous		100% Non-fibrous (Other)	None Detected
87-Adhesive 351809019-0087A	N. 2nd Level Bath, VAT Layers	Clear Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
87-VAT 351809019-0087B	N. 2nd Level Bath, VAT Layers	Various Non-Fibrous Heterogeneous		100% Non-fibrous (Other)	None Detected
87-Adhesive 351809019-0087C	N. 2nd Level Bath, VAT Layers	Clear Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
87-Adhesive 351809019-0087D	N. 2nd Level Bath, VAT Layers	Tan Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
88-Mortar 351809019-0088	N. 2nd Level Bath, Tub Mortar	Gray Non-Fibrous Homogeneous		17% Quartz 83% Non-fibrous (Other)	None Detected
88-Insulation 351809019-0088A	N. 2nd Level Bath, Tub Mortar	White Fibrous Homogeneous	100% Glass		None Detected
89-Floor Tile 351809019-0089	1-AX, Floor Tile, 12x12	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
89-Adhesive 351809019-0089A	1-AX, Floor Tile, 12x12	Tan Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
89-Backing 351809019-0089B	1-AX, Floor Tile, 12x12	Tan Non-Fibrous Homogeneous	28% Cellulose 18% Synthetic	54% Non-fibrous (Other)	None Detected
90-VAT 351809019-0090	1-AX, VAT	Various Non-Fibrous Heterogeneous		100% Non-fibrous (Other)	None Detected
90-Adhesive 351809019-0090A	1-AX, VAT	Clear Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
91 351809019-0091	2-AX, Plaster, Ceiling	Various Non-Fibrous Heterogeneous	9% Cellulose 17% Glass	74% Non-fibrous (Other)	None Detected
92 351809019-0092	3-FAX, Plaster, Ceiling	Various Non-Fibrous Heterogeneous	6% Cellulose 15% Glass	79% Non-fibrous (Other)	None Detected
93 351809019-0093	3-FAX, Plaster, Wall	Various Non-Fibrous Heterogeneous	17% Cellulose 14% Glass	69% Non-fibrous (Other)	None Detected
94 351809019-0094	3-BAX, Plaster, Ceiling	Various Non-Fibrous Heterogeneous	18% Cellulose 15% Glass	67% Non-fibrous (Other)	None Detected
95 351809019-0095	3-BAX, Sheetrock, Ceiling	Various Non-Fibrous Heterogeneous	19% Cellulose 15% Glass	66% Non-fibrous (Other)	None Detected

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Sample	Description	Appearance	Non-Asbestos		Asbestos % Type
			% Fibrous	% Non-Fibrous	
96-Floor Tile 351809019-0096	3-BAX, Floor Tile, 12x12	Various Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
96-Adhesive 351809019-0096A	3-BAX, Floor Tile, 12x12	Tan Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
97-Texture 351809019-0097	4-AX, Sheetrock, Ceiling/Texture	White Non-Fibrous Heterogeneous		26% Perlite 74% Non-fibrous (Other)	None Detected
97-Sheetrock 351809019-0097A	4-AX, Sheetrock, Ceiling/Texture	Various Non-Fibrous Heterogeneous	19% Cellulose	81% Non-fibrous (Other)	None Detected
98-Texture 351809019-0098	4-AX, Plaster, Wall/Texture	Various Non-Fibrous Heterogeneous		100% Non-fibrous (Other)	None Detected
98-Plaster 351809019-0098A	4-AX, Plaster, Wall/Texture	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
98-Plaster 351809019-0098B	4-AX, Plaster, Wall/Texture	Various Non-Fibrous Homogeneous	4% Hair	27% Quartz 69% Non-fibrous (Other)	None Detected
99-VAT 351809019-0099	5-AX, VAT	Various Non-Fibrous Heterogeneous		100% Non-fibrous (Other)	None Detected
99-Adhesive 351809019-0099A	5-AX, VAT	Clear Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
100 351809019-0100	5-AX, Linoleum, Under Sink	Various Non-Fibrous Heterogeneous		84% Non-fibrous (Other)	16% Chrysotile
101 351809019-0101	5-AX, Caulk, Inside Window	Various Non-Fibrous Heterogeneous		100% Non-fibrous (Other)	None Detected
Inseparable coating layer included in analysis.					
102 351809019-0102	6-AX, Window Glazing	Gray Non-Fibrous Heterogeneous		100% Non-fibrous (Other)	None Detected
Inseparable coating layer included in analysis.					
103-VAT 351809019-0103	6-AX, VAT	Various Non-Fibrous Heterogeneous		100% Non-fibrous (Other)	None Detected
103-Adhesive 351809019-0103A	6-AX, VAT	Clear Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
104-VAT 351809019-0104	7-AX, VAT	Various Non-Fibrous Heterogeneous		100% Non-fibrous (Other)	None Detected
104-Adhesive 351809019-0104A	7-AX, VAT	Clear Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
104-Adhesive 351809019-0104B	7-AX, VAT	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
105-VAT 351809019-0105	7-AX, VAT	Various Non-Fibrous Heterogeneous		100% Non-fibrous (Other)	None Detected

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EMSL Order: 351809019

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Customer PO:

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Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos % Type
			% Fibrous	% Non-Fibrous	
105-Adhesive 351809019-0105A	7-AX, VAT	Clear Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
105-Adhesive 351809019-0105B	7-AX, VAT	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
106-Texture 351809019-0106	2nd Level ("M"), Sheetrock, Wall	Various Non-Fibrous Heterogeneous		100% Non-fibrous (Other)	None Detected
106-Sheetrock 351809019-0106A	2nd Level ("M"), Sheetrock, Wall	Various Non-Fibrous Heterogeneous	22% Cellulose	78% Non-fibrous (Other)	None Detected
107 351809019-0107 <i>Inseparable coating layer included in analysis.</i>	2nd Level ("M"), Brick, Fireplace	Various Non-Fibrous Heterogeneous		100% Non-fibrous (Other)	None Detected
108 351809019-0108 <i>Inseparable coating layer included in analysis.</i>	1-M, Plaster, Ceiling	Various Non-Fibrous Heterogeneous	16% Glass	84% Non-fibrous (Other)	None Detected
109-VAT 351809019-0109	1-M, VAT, Kitchen	Various Non-Fibrous Heterogeneous		100% Non-fibrous (Other)	None Detected
109-Adhesive 351809019-0109A	1-M, VAT, Kitchen	Clear Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
110 351809019-0110	1-M, Ceiling Tile, Living Rm, 2x4, P/F	Various Fibrous Heterogeneous	27% Cellulose 36% Min. Wool	27% Perlite 10% Non-fibrous (Other)	None Detected
111-Wallpaper 351809019-0111	2-M, Plaster, Ceiling	Various Non-Fibrous Heterogeneous	48% Cellulose	52% Non-fibrous (Other)	None Detected
111-Adhesive 351809019-0111A	2-M, Plaster, Ceiling	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
111-Plaster 351809019-0111B	2-M, Plaster, Ceiling	Tan Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
111-Plaster 351809019-0111C	2-M, Plaster, Ceiling	Various Non-Fibrous Homogeneous		28% Quartz 72% Non-fibrous (Other)	None Detected
112-Wallpaper 351809019-0112	2-M, Plaster, Wall	Various Non-Fibrous Heterogeneous	49% Cellulose	51% Non-fibrous (Other)	None Detected
112-Adhesive 351809019-0112A	2-M, Plaster, Wall	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
112-Plaster 351809019-0112B	2-M, Plaster, Wall	Tan Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
112-Plaster 351809019-0112C	2-M, Plaster, Wall	Various Non-Fibrous Homogeneous		29% Quartz 71% Non-fibrous (Other)	None Detected
113-VAT 351809019-0113	2-M, VAT	Various Non-Fibrous Heterogeneous		100% Non-fibrous (Other)	None Detected

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Sample	Description	Appearance	Non-Asbestos		Asbestos % Type
			% Fibrous	% Non-Fibrous	
113-Adhesive 351809019-0113A	2-M, VAT	Clear Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
113-Adhesive 351809019-0113B	2-M, VAT	Tan Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
114 351809019-0114	2-M, Ceiling Tile, 2x4	Various Fibrous Heterogeneous	93% Cellulose	7% Non-fibrous (Other)	None Detected
115 351809019-0115	4-M, Caulk, Extra Windows	Various Non-Fibrous Heterogeneous		100% Non-fibrous (Other)	None Detected
<i>Inseparable coating layer included in analysis.</i>					
116-Texture 351809019-0116	5-M, Sheetrock, Wall	White Non-Fibrous Heterogeneous		100% Non-fibrous (Other)	None Detected
116-Sheetrock 351809019-0116A	5-M, Sheetrock, Wall	Various Non-Fibrous Heterogeneous	17% Cellulose 14% Glass	69% Non-fibrous (Other)	None Detected
117-Floor Tile 351809019-0117	5-M, Floor Tile/Grout, 12x12	Various Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
<i>No grout present.</i>					
117-Adhesive 351809019-0117A	5-M, Floor Tile/Grout, 12x12	Tan Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
<i>No grout present.</i>					
118-Floor Tile 351809019-0118	5-M, Floor Tile, 12x12	Various Non-Fibrous Heterogeneous		100% Non-fibrous (Other)	None Detected
118-Adhesive 351809019-0118A	5-M, Floor Tile, 12x12	Clear Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
118-Adhesive 351809019-0118B	5-M, Floor Tile, 12x12	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
119-Brick 351809019-0119	5-M, Fireplace, Brick	Various Non-Fibrous Heterogeneous		100% Non-fibrous (Other)	None Detected
119-Grout 351809019-0119A	5-M, Fireplace, Brick	Various Non-Fibrous Homogeneous		13% Quartz 87% Non-fibrous (Other)	None Detected
120-Mortar 351809019-0120	5-M, Fireplace, Mortar	Various Non-Fibrous Homogeneous		39% Quartz 61% Non-fibrous (Other)	None Detected
120-Mortar 351809019-0120A	5-M, Fireplace, Mortar	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
121 351809019-0121	5-M, Ceiling Tile, 2x4	Various Fibrous Heterogeneous	93% Cellulose	7% Non-fibrous (Other)	None Detected
122-Ceramic Tile 351809019-0122	6-M, Ceramic Tile, Fireplace	Various Non-Fibrous Heterogeneous		100% Non-fibrous (Other)	None Detected
122-Grout 351809019-0122A	6-M, Ceramic Tile, Fireplace	Gray Non-Fibrous Homogeneous		12% Quartz 88% Non-fibrous (Other)	None Detected

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Sample	Description	Appearance	Non-Asbestos		Asbestos % Type
			% Fibrous	% Non-Fibrous	
123 351809019-0123	6-M, Linoleum, Kitchen	Various Non-Fibrous Heterogeneous	18% Cellulose 8% Glass	74% Non-fibrous (Other)	None Detected
124 351809019-0124	6-M, Ceiling Tiles, 2x4	Various Fibrous Heterogeneous	29% Cellulose 38% Min. Wool	29% Perlite 4% Non-fibrous (Other)	None Detected
125 351809019-0125	8-M, Linoleum	Various Non-Fibrous Heterogeneous		85% Non-fibrous (Other)	15% Chrysotile
126 351809019-0126	8-M, Ceiling Tiles, 18"x18"	Various Fibrous Heterogeneous	94% Cellulose	6% Non-fibrous (Other)	None Detected
127 351809019-0127	8-M, Linoleum	Various Non-Fibrous Heterogeneous	18% Cellulose 8% Glass	74% Non-fibrous (Other)	None Detected
128 351809019-0128	8-M, Window Glaze	Various Non-Fibrous Heterogeneous		100% Non-fibrous (Other)	None Detected
Inseparable coating layer included in analysis.					
129-Wallpaper 351809019-0129	Hall by 8-M, Plaster Wall	Various Non-Fibrous Heterogeneous	39% Cellulose	61% Non-fibrous (Other)	None Detected
129-Adhesive 351809019-0129A	Hall by 8-M, Plaster Wall	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
129-Plaster 351809019-0129B	Hall by 8-M, Plaster Wall	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
129-Plaster 351809019-0129C	Hall by 8-M, Plaster Wall	Various Non-Fibrous Homogeneous	6% Hair	28% Quartz 65% Non-fibrous (Other)	None Detected
130 351809019-0130	Room off 8-M, Linoleum	Various Non-Fibrous Heterogeneous		85% Non-fibrous (Other)	15% Chrysotile
131 351809019-0131	Room off 8-M, Sheetrock, Wall	Various Non-Fibrous Heterogeneous	17% Cellulose 14% Glass	69% Non-fibrous (Other)	None Detected
132-Plaster 351809019-0132	Room off 8-M, Plaster, Wall	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
132-Plaster 351809019-0132A	Room off 8-M, Plaster, Wall	Various Non-Fibrous Homogeneous	5% Hair	28% Quartz 67% Non-fibrous (Other)	None Detected
133 351809019-0133	9-M, Window Glaze	Various Non-Fibrous Heterogeneous		100% Non-fibrous (Other)	None Detected
Inseparable coating layer included in analysis.					
134 351809019-0134	2nd Floor S. Entry, Pipe Cover	Various Fibrous Homogeneous		41% Non-fibrous (Other)	59% Chrysotile
135-Plaster 351809019-0135	Hallway, Plaster, Wall	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
135-Plaster 351809019-0135A	Hallway, Plaster, Wall	Various Non-Fibrous Homogeneous	3% Hair	26% Quartz 71% Non-fibrous (Other)	None Detected

Initial report from: 11/29/2018 14:06:37

**EMSL Analytical, Inc.**

14375 23rd Avenue North Minneapolis, Mn 55447

Tel/Fax: (763) 449-4922 / (763) 449-4924

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EMSL Order: 351809019

Customer ID: TWNT42

Customer PO:

Project ID:

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos % Type
			% Fibrous	% Non-Fibrous	
136-Flooring 351809019-0136	2nd Floor, S. Hallway, Flooring	Various Non-Fibrous Heterogeneous		100% Non-fibrous (Other)	None Detected
136-Adhesive 351809019-0136A	2nd Floor, S. Hallway, Flooring	Tan Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
136-Adhesive 351809019-0136B	2nd Floor, S. Hallway, Flooring	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
136-Flooring 351809019-0136C	2nd Floor, S. Hallway, Flooring	Various Non-Fibrous Heterogeneous	37% Cellulose 7% Synthetic	56% Non-fibrous (Other)	None Detected
136-Adhesive 351809019-0136D	2nd Floor, S. Hallway, Flooring	Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
137-Stair Tread 351809019-0137	2nd Floor, Stair Tread	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
137-Adhesive 351809019-0137A	2nd Floor, Stair Tread	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
138 351809019-0138	10-M, Ceiling Tiles, 2x2, 4 sq Style	Various Fibrous Heterogeneous	28% Cellulose 37% Min. Wool	28% Perlite 7% Non-fibrous (Other)	None Detected
139 351809019-0139	10-M, Linoleum	Various Non-Fibrous Heterogeneous		100% Non-fibrous (Other)	None Detected
140 351809019-0140	10-M, Ceiling Tiles, 2x2	Various Fibrous Heterogeneous	29% Cellulose 38% Min. Wool	29% Perlite 4% Non-fibrous (Other)	None Detected
141 351809019-0141	11-M, Plaster, Ceiling	Various Non-Fibrous Heterogeneous	19% Cellulose	81% Non-fibrous (Other)	None Detected
Sample description does not match sample type. Sample resembles sheetrock..					
142-Plaster 351809019-0142	11-M, Plaster, Chimney	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
142-Plaster 351809019-0142A	11-M, Plaster, Chimney	Various Non-Fibrous Homogeneous		27% Quartz 73% Non-fibrous (Other)	None Detected
143-VAT 351809019-0143	11-M, VAT, Kitchen	Various Non-Fibrous Heterogeneous		100% Non-fibrous (Other)	None Detected
143-Adhesive 351809019-0143A	11-M, VAT, Kitchen	Clear Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
144-VAT 351809019-0144	12-M, VAT	Various Non-Fibrous Heterogeneous		100% Non-fibrous (Other)	None Detected
144-Adhesive 351809019-0144A	12-M, VAT	Clear Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
145-Texture 351809019-0145	12-M, Plaster, Ceiling	White Non-Fibrous Heterogeneous		100% Non-fibrous (Other)	None Detected

Initial report from: 11/29/2018 14:08:37

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Tel/Fax: (763) 449-4922 / (763) 449-4924

<http://www.EMSL.com/minneapolislab@emsl.com>**EMSL Order:** 351809019**Customer ID:** TWNT42**Customer PO:****Project ID:****Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy**

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
145-Sheetrock	12-M, Plaster, Ceiling	Various Non-Fibrous Heterogeneous	21% Cellulose	79% Non-fibrous (Other)	None Detected
351809019-0145A Sample description does not match sample type. Sample resembles sheetrock.					
146-Floor Tile	Hallway Bathroom, Floor Tile, 12x12	Various Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
351809019-0146					
146-Adhesive	Hallway Bathroom, Floor Tile, 12x12	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
351809019-0146A					
146-Adhesive	Hallway Bathroom, Floor Tile, 12x12	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
351809019-0146B					
147-Floor Tile	Hallway Bathroom, Floor Tile, 12x12	Various Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
351809019-0147					
147-Adhesive	Hallway Bathroom, Floor Tile, 12x12	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
351809019-0147A					
148	Hallway Bathroom, Linoleum	Various Non-Fibrous Heterogeneous		100% Non-fibrous (Other)	None Detected
351809019-0148					
149	Fireplace Mortar, 2nd Floor	Various Non-Fibrous Homogeneous		14% Quartz 86% Non-fibrous (Other)	None Detected
351809019-0149					
150-Wallboard	3rd Floor, Plaster, Ceiling	Various Non-Fibrous Heterogeneous	46% Cellulose	54% Non-fibrous (Other)	None Detected
351809019-0150					
150-Adhesive	3rd Floor, Plaster, Ceiling	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
351809019-0150A					
150-Plaster	3rd Floor, Plaster, Ceiling	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
351809019-0150B					
150-Plaster	3rd Floor, Plaster, Ceiling	Various Non-Fibrous Homogeneous	3% Hair	26% Quartz 71% Non-fibrous (Other)	None Detected
351809019-0150C					
150-Plaster	3rd Floor, Plaster, Ceiling	Various Non-Fibrous Homogeneous		16% Quartz 84% Non-fibrous (Other)	None Detected
351809019-0150D					
151-Adhesive	16-M, Plaster, Wall	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
351809019-0151					
151-Plaster	16-M, Plaster, Wall	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
351809019-0151A					
151-Plaster	16-M, Plaster, Wall	Various Non-Fibrous Homogeneous	4% Hair	27% Quartz 69% Non-fibrous (Other)	None Detected
351809019-0151B					
151-Insulation	16-M, Plaster, Wall	Brown Fibrous Homogeneous	100% Hair		None Detected
351809019-0151C					
152-Linoleum	16-M, Linoleum	Various Non-Fibrous Heterogeneous	18% Cellulose 8% Glass	74% Non-fibrous (Other)	None Detected
351809019-0152					

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EMSL Order: 351809019

Customer ID: TWNT42

Customer PO:

Project ID:

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos % Type
			% Fibrous	% Non-Fibrous	
152-Adhesive 351809019-0152A	16-M, Linoleum	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
153 351809019-0153	16-M, Sheetrock, Wall	Various Non-Fibrous Heterogeneous	22% Cellulose	78% Non-fibrous (Other)	None Detected
154-Linoleum 351809019-0154	17-M, Linoleum	Various Non-Fibrous Heterogeneous		100% Non-fibrous (Other)	None Detected
154-Adhesive 351809019-0154A	17-M, Linoleum	Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
155 351809019-0155	17-M, Window Glaze	Various Non-Fibrous Heterogeneous		100% Non-fibrous (Other)	None Detected
Inseparable coating layer included in analysis.					
156 351809019-0156	17-M, Sink Undercoating	Brown Non-Fibrous Homogeneous		94% Non-fibrous (Other)	6% Chrysotile
157 351809019-0157	17-M, Ceiling Tile, 2x4	Various Fibrous Heterogeneous	27% Cellulose 36% Min. Wool	27% Perlite 10% Non-fibrous (Other)	None Detected
158-Wallpaper 351809019-0158	18-M, Plaster, Ceiling	Various Non-Fibrous Heterogeneous	48% Cellulose	52% Non-fibrous (Other)	None Detected
158-Adhesive 351809019-0158A	18-M, Plaster, Ceiling	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
158-Plaster 351809019-0158B	18-M, Plaster, Ceiling	Tan Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
158-Plaster 351809019-0158C	18-M, Plaster, Ceiling	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
158-Plaster 351809019-0158D	18-M, Plaster, Ceiling	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
158-Plaster 351809019-0158E	18-M, Plaster, Ceiling	Various Non-Fibrous Homogeneous	5% Hair	28% Quartz 67% Non-fibrous (Other)	None Detected
159 351809019-0159	19-M, Ceiling Tile, 1x1	Various Fibrous Heterogeneous	96% Cellulose	4% Non-fibrous (Other)	None Detected
160-Floor 351809019-0160	19-M, Floor Layers	Various Non-Fibrous Heterogeneous	36% Cellulose 6% Synthetic	58% Non-fibrous (Other)	None Detected
160-Floor 351809019-0160A	19-M, Floor Layers	Various Non-Fibrous Heterogeneous	37% Cellulose 7% Synthetic	56% Non-fibrous (Other)	None Detected
160-Floor 351809019-0160B	19-M, Floor Layers	Various Non-Fibrous Heterogeneous	38% Cellulose 8% Glass	54% Non-fibrous (Other)	None Detected
160-Floor 351809019-0160C	19-M, Floor Layers	Various Non-Fibrous Heterogeneous	39% Cellulose 9% Synthetic	52% Non-fibrous (Other)	None Detected

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<http://www.EMSL.com / minneapolislab@emsl.com>**EMSL Order:** 351809019**Customer ID:** TWNT42**Customer PO:****Project ID:****Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy**

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
161 351809019-0161	19-M, Linoleum	Various Non-Fibrous Heterogeneous	26% Cellulose	74% Non-fibrous (Other)	None Detected
162 351809019-0162	20-M, Ceiling Tile, 2x4	Various Fibrous Heterogeneous	94% Cellulose	6% Non-fibrous (Other)	None Detected
163 351809019-0163	20-M, Sink Undercoating	Brown Non-Fibrous Homogeneous		95% Non-fibrous (Other)	5% Chrysotile
164-VAT 351809019-0164	20-M, VAT	Various Non-Fibrous Heterogeneous		100% Non-fibrous (Other)	None Detected
164-Adhesive 351809019-0164A	20-M, VAT	Clear Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
164-Adhesive 351809019-0164B	20-M, VAT	Tan Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
165-VAT 351809019-0165	21-M, VAT	Various Non-Fibrous Heterogeneous		100% Non-fibrous (Other)	None Detected
165-Adhesive 351809019-0165A	21-M, VAT	Clear Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
166-Floor Tile 351809019-0166	23-M, Floor Tile, 12x12	Various Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
166-Adhesive 351809019-0166A	23-M, Floor Tile, 12x12	Tan Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
166-Leveler 351809019-0166B	23-M, Floor Tile, 12x12	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
167-Linoleum 351809019-0167	26-M, Linoleum	Various Non-Fibrous Heterogeneous		100% Non-fibrous (Other)	None Detected
167-Adhesive 351809019-0167A	26-M, Linoleum	Tan Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
168-Linoleum 351809019-0168	27-M, Linoleum	Various Non-Fibrous Heterogeneous		100% Non-fibrous (Other)	None Detected
168-Adhesive 351809019-0168A	27-M, Linoleum	Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
169 351809019-0169	27-M, Sink Undercoating	Brown Non-Fibrous Homogeneous		94% Non-fibrous (Other)	6% Chrysotile
170-Linoleum 351809019-0170	28-M, Linoleum	Various Non-Fibrous Heterogeneous		100% Non-fibrous (Other)	None Detected
170-Adhesive 351809019-0170A	28-M, Linoleum	Clear Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
170-Adhesive 351809019-0170B	28-M, Linoleum	Tan Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected

Initial report from: 11/29/2018 14:08:37

**EMSL Analytical, Inc.**

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EMSL Order: 351809019

Customer ID: TWNT42

Customer PO:

Project ID:

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos % Type
			% Fibrous	% Non-Fibrous	
171 351809019-0171	30-M, Linoleum	Various Non-Fibrous Heterogeneous	18% Cellulose 6% Glass	78% Non-fibrous (Other)	None Detected
172-Ceramic Tile 351809019-0172	Bathroom by 31-M, Ceramic Tile	Various Non-Fibrous Heterogeneous		100% Non-fibrous (Other)	None Detected
172-Mortar 351809019-0172A	Bathroom by 31-M, Ceramic Tile	White Non-Fibrous Homogeneous		37% Quartz 63% Non-fibrous (Other)	None Detected
173-Linoleum 351809019-0173	32-M, Linoleum	Various Non-Fibrous Heterogeneous	18% Cellulose 8% Glass	74% Non-fibrous (Other)	None Detected
173-Adhesive 351809019-0173A	32-M, Linoleum	Tan Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
174-Felt 351809019-0174	Old Roofing Material, in 15-M on Floor	Black Non-Fibrous Homogeneous	49% Cellulose	51% Non-fibrous (Other)	None Detected
174-Roofing 351809019-0174A	Old Roofing Material, in 15-M on Floor	Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
174-Roofing 351809019-0174B	Old Roofing Material, in 15-M on Floor	Various Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected

Analyst(s)

Sue Ferraro (335)

Rachel Travis, Laboratory Manager
or Other Approved Signatory

EMSL maintains liability limited to cost of analysis. The above analyses were performed in general compliance with Appendix E to Subpart E of 40 CFR (previously EPA 600/M4-82-020 "Interim Method"), but augmented with procedures outlined in the 1993 ("final") version of the method. This report relates only to the samples reported above, and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. All samples received in acceptable condition unless otherwise noted. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST or any agency of the federal government. EMSL recommends gravimetric reduction for all non-triatic organically bound materials prior to analysis. Estimation of uncertainty is available on request.

Samples analyzed by EMSL Analytical, Inc. Saint Louis, MO NVLAP Lab Code 200742-0

Initial report from: 11/29/2018 14:06:37

EMSL Analytical, Inc.
14375 23rd Avenue North



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A Division of Environmental Sciences & Analytics

Asbestos Chain of Custody

EMSL Order Number (Lab Use Only):

9019

Minneapolis, MN 55447
PHONE: (763) 449-4922
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Company Name: Twin Ports Testing II		EMSL Customer ID:	
Street: 1301 North 3rd Street		City: Superior	State/Province: WI
Zip/Postal Code: 54880	Country: US	Telephone #: (218) 390-0162	Fax #: 7153827163
Report To (Name): Tracy Jacobs		Please Provide Results: <input type="checkbox"/> Fax <input checked="" type="checkbox"/> Email	
Email Address: tracy.jacobs@twinportstesting.com		Purchase Order:	
Project Name/Number: 18A0352 - Postore Terrace		EMSL Project ID (Internal Use Only):	
U.S. State Samples Taken: MN		CT Samples: <input type="checkbox"/> Commercial/Taxable <input type="checkbox"/> Residential/Tax Exempt	
EMSL Bill to: <input checked="" type="checkbox"/> Same <input type="checkbox"/> Different - If Bill to is Different note instructions in Comments** Third Party Billing requires written authorization from third party			
Turnaround Time (TAT) Options* - Please Check			
<input type="checkbox"/> 3 Hour <input type="checkbox"/> 6 Hour <input type="checkbox"/> 24 Hour <input type="checkbox"/> 48 Hour <input type="checkbox"/> 72 Hour <input type="checkbox"/> 96 Hour <input type="checkbox"/> 1 Week <input checked="" type="checkbox"/> 2 Week			
*For TEM Air 3 hr through 6 hr, please call ahead to schedule. There is a premium charge for 3 Hour TEM AHERA or EPA Level II TAT. You will be asked to sign an authorization form for this service. Analysis completed in accordance with EMSL's Terms and Conditions located in the Analytical Price Guide.			
PCM - Air <input type="checkbox"/> Check if samples are from NY <input type="checkbox"/> NIOSH 7400 <input type="checkbox"/> w/ OSHA 8hr. TWA PLM - Bulk (reporting limit) <input checked="" type="checkbox"/> PLM EPA 600/R-93/116 (<1%) <input type="checkbox"/> PLM EPA NOB (<1%) Point Count <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) Point Count w/ Gravimetric <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) <input type="checkbox"/> NYS 108.1 (friable in NY) <input type="checkbox"/> NYS 108.6 NOB (non-friable-NY) <input type="checkbox"/> NYS 108.6 SOF-V <input type="checkbox"/> NIOSH 9002 (<1%)		TEM - Air <input type="checkbox"/> 4-4.5hr TAT (AHERA only) <input type="checkbox"/> AHERA 40 CFR, Part 763 <input type="checkbox"/> NIOSH 7402 <input type="checkbox"/> EPA Level II <input type="checkbox"/> ISO 10312 TEM - Bulk <input type="checkbox"/> TEM EPA NOB <input type="checkbox"/> NYS NOB 198.4 (non-friable-NY) <input type="checkbox"/> Chatfield SOP <input type="checkbox"/> TEM Mass Analysis-EPA 600 sec. 2.5 TEM - Water: EPA 100.2 Fibers >10µm <input type="checkbox"/> Waste <input type="checkbox"/> Drinking All Fiber Sizes <input type="checkbox"/> Waste <input type="checkbox"/> Drinking	
TEM - Dust <input type="checkbox"/> Microvac - ASTM D 5755 <input type="checkbox"/> Wipe - ASTM D6480 <input type="checkbox"/> Carpet Sorption (EPA 600/J-93/167) Soil/Rock/Vermiculite <input type="checkbox"/> PLM EPA 600/R-93/116 with milling prep (<1%) <input type="checkbox"/> PLM EPA 600/R-93/116 with milling prep (<0.25%) <input type="checkbox"/> TEM EPA 600/R-93/116 with milling prep (<0.1%) <input type="checkbox"/> TEM Qualitative via Filtration Prep <input type="checkbox"/> TEM Qualitative via Drop Mount Prep <input type="checkbox"/> Cincinnati Method EPA 600/R-04/004 - PLM/TEM (BC only) Other:			
<input checked="" type="checkbox"/> Check For Positive Stop - Clearly Identify Homogenous Group		Filter Pore Size (Air Samples): <input type="checkbox"/> 0.8µm <input type="checkbox"/> 0.45µm	
Samplers Name: Rob Thomas		Samplers Signature: <i>Rob Thomas</i>	
Sample #	Sample Description	Volume/Area (Air) HA # (Bulk)	Date/Time Sampled
1	Street #5, Ceiling Tile, 2x4	*11/6/18 →	11/8/18
2	" Sheetrock, wall		
3	" Plaster		
4	" Sink Undercoating		
5	" Floor Tile, 12x12, Bathroom		
Client Sample # (s): 1-174		Total # of Samples: 174	
Relinquished (Client): <i>Rob Thomas</i>		Date: 11/9/18	Time: 11/12/18
Received (Lab): Adinda W. Fedy: 79560 0385		Date: 11-14-18	Time: 8:55
Comments/Special Instructions: 3095 * Sampled over 3 days			



Asbestos Chain of Custody

EMSL Order Number (Lab Use Only):

9019

EMSL Analytical, Inc.
14375 23rd Avenue North

Minneapolis, MN 55447
PHONE: (763) 449-4922
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Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Sample #	Sample Description	Volume/Area (Air) HA # (Bulk)	Date/Time Sampled
6	Street #5, Floor Tile, 12x12, Under Cabinets		11/6/18 → 11/8/18
7	" , Floor Tile, 9x9, black		
8	" , " , " , white		
9	" , " , " , Brown		
10	" , " , " , Gray		
11	" , " , " , Green		
12	Street #4, Plaster, Ceiling		
13	" , " , wall		
14	" , Sheetrock, "		
15	" , Ceiling Tile, 2x4, Smooth		
16	" , " , 12x12, + Adhesive Pucks		
17	" , Sink Under coating		
18	" , Linoleum, Bathroom		
19	" , Floor Tiles, 12x12, Bathroom		
20	" , " , " , Vot, Kitchen Area		
21	" , " , " , Kitchen Area		
22	" , " , 9x9 , Green		
23	" , " , 9x9 , Tan		
24	Street #3, Flooring		
25	" , Plaster wall		
26	Street #2, Flooring, kitchen		
27	" , TSI		
28	" , Plaster, wall		
*Comments/Special Instructions:			

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LABORATORY SERVICES • TRAININGAsbestos Chain of Custody
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Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Sample #	Sample Description	Volume/Area (Air) HA # (Bulk)	Date/Time Sampled
29	Street #1, T&F, Fitting		11/6/18 → 11/8/18
30	" , Plaster, Ceiling		
31	" , Sheetrock, Wall		
32	Ball room, Sheetrock, Ceiling		
33	" , Sink Undercoating		
34	" , Flooring, Bathroom		
35	" , " , By kitchen		
36	wing #1, Plaster, Ceiling		
37	" , Sheetrock, Wall Ceiling Tile, 2x4		
38	" , Ceiling Tile, 1x1		
39	" , Flooring, Kitchen		
40	wing #3, Plaster, Ceiling		
41	" , Sheetrock, Wall		
42	40-8w, Plaster, walls		
43	" , T&F, Fusebox Paper		
44	Kozy Bar, Plaster Plaster, Ceiling	A F F F A F F	
45	" " "		
46	" " "		
47	" " "		
48	" " "		
49	" , Plaster, wall, Outer layer	A F F	
50	" " " "		
51	" " " "		
*Comments/Special Instructions:			



EMSL ANALYTICAL, INC.
ENVIRONMENTAL MONITORING - PRODUCTS - TRAINING

Asbestos Chain of Custody

EMSL Order Number (Lab Use Only):

9019

EMSL Analytical, Inc.
14375 23rd Avenue North

Minneapolis, MN 55447
PHONE: (763) 449-4822
FAX: (763) 449-4824

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Sample #	Sample Description	Volume/Area (Air) HA # (Bulk)	Date/Time Sampled
52	Kozy Bar, Plaster, Wall, Inner Layer	A	11/6/18 → 11/8/18
53	" " " "	F	
54	" " " "	F	
55	" TSI, Air-O-cell, Pipewrap	A	
56	" " " "	F	
57	" " " "	F	
58	" TSI, Fittings	A	
59	" " " "	F	
60	" " " "	F	
61	" Ceiling Tile, max 1X1, ^{Womens} Bath		
62	" " 2X2, Bar Area		
63	" Caulk, Windows		
64	" Linoleum, Bar Back Shelves		
65	Exterior, Caulk, on Green Front		
66	" Terrazzo, Front lower/stairs		
67	Laundry, Coating on wires		
68	Basement, Insulation, PVC Pipes		
69	" Pipe Wrap		
70	" Caulk, Metal Ceiling Seams		
71	" Sink Under Coating		
72	" Sheetrock, Wall		
73	" Mortar, Stonem, Walls		
74	" " Brick Walls		
*Comments/Special Instructions:			



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Sample #	Sample Description	Volume/Area (Air) HA # (Bulk)	Date/Time Sampled
75	Basement, Brick, wall		11/6/18 → 11/8/18
76	#2 & #3 Ave, Sheetrock, wall	D	
77	" " " (H2)	F	
78	" " "	F	
79	#3 Street, Paint, on Pipe (Silver)		
80	" , Sheetrock, Ceiling		
81	" , Sink Undercoating		
82	" , Ceramic Floor Tile & Grout		
83	N Basement Shop, Ceiling Sheetrock		
84	N Closet, Linoleum		
85	N Hallway, Stair Tread		
86	N Hallway, Plaster Wall		
87	N. 2 nd Level Bath, VAT Layers		
88	" , Tub Mortar		
89	1-Ax, Floor Tile, 12x12		
90	" , V.A.T.		
91	2-Ax, Plaster, Ceiling		
92	3-Ax, " "		
93	" , " , wall		
94	3-Ax, " , Ceiling		
95	" , Sheetrock, "		
96	" , Floor Tile, 12x12		
97	4-Ax, Sheetrock, Ceiling/Texture		✓
*Comments/Special Instructions:			



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Sample #	Sample Description	Volume/Area (Air) HA # (Bulk)	Date/Time Sampled
98	4-AX, Plaster, Wall/Texture		11/10/18 → 11/13/18
99	5-AX, VAT		
100	" , Linoleum, Under Sink		
101	" , Caulk, Inside Window		
102	6-AX, Window Glazing		
103	" , VAT		
104	7-AX, "		
105	" , "		
106	2nd level (in), Sheetrock, Wall		
107	" , Brick, Fireplace		
108	1-M, Plaster, Ceiling		
109	" , VAT, Kitchen		
110	" , Ceiling Tile, LivingRm, 2x4, P/F		
111	2-M, Plaster, Ceiling		
112	" , " , Wall		
113	" , VAT		
114	" , Ceiling Tile, 2x4		
115	4-M, Caulk, Ext. Windows		
116	5-M, Sheetrock, Wall		
117	" , Floor Tile/Grout, 12x12		
118	" , " , 12x12		
119	" , Fireplace Brick		
120	" , " , Mortar		
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Sample #	Sample Description	Volume/Area (Atr) HA # (Bulk)	Date/Time Sampled
121	5-M, Ceiling Tile, 2x4		11/6/18
122	6-M, Ceramic Tile, Fireplace		11/8/18
123	" , Linoleum, Kitchen		
124	" , Ceiling Tiles, 2x4		
125	8-M, Linoleum		
126	" , Ceiling Tiles, 18" x 18"		
127	" , Linoleum		
128	" , Window Glaze		
129	Hall by 8-M, Plaster Wall		
130	Room off 8-M, Linoleum		
131	" , Sheetrock, wall.		
132	" , Plaster, "		
133	9-M, Window Glaze		
134	2nd Floor S. Entry, Pipe Cover		
135	Hallway, Plaster, wall		
136	2nd Floor S. Hallway, Flooring		
137	" , Stair Tread		
138	10-M, Ceiling Tiles, 2x2, 4 sq Style		
139	" , Linoleum		
140	" , Ceiling Tiles, 2x2		
141	11-M, Plaster, Ceiling		
142	" , Chimney		
143	" , V.A.T., Kitchen		
*Comments/Special Instructions:			



EMSL ANALYTICAL, INC.
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Sample #	Sample Description	Volume/Area (Air) HA # (Bulk)	Date/Time Sampled
144	12-M, V.A.T.		11/6/18 → 11/8/18
145	" , Plaster, Ceiling		
146	Hallway Bathroom, Floor Tile, 12x12		
147	" " "		
148	" , Linoleum		
149	Fireplace Mortar, 2nd 2nd Floor		
150	3rd Floor, Plaster, Ceiling		
151	16-M, Plaster, Wall		
152	" , Linoleum		
153	" , Sheetrock, Wall		
154	17-M, Linoleum		
155	" , Window Glaze		
156	" , Sink Undercoating		
157	" , Ceiling Tile, 2x4		
158	18-M, Plaster, Ceiling		
159	19-M, Ceiling Tile, 1x1		
160	" , Floor layers		
161	" , Linoleum		
162	20-M, Ceiling Tile, 2x4		
163	" , Sink Undercoating		
164	" , V.A.T.		
165	21-M, "		
166	23-M, Floor Tile, 12x12		
*Comments/Special Instructions:			

Appendix C

Site Drawings

