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Appendix C
Hazardous Materials Figures and Data
Polaris Tower – Fairbanks, Alaska

NORTECH has compiled the existing hazardous materials data for the Polaris Tower for use as part of the demolition planning of this structure. This information is expected to be provided to prospective bidders as an appendix to Specification Section 801 that describes the requirements for abatement and/or demolition of these materials.

The potentially hazardous materials listed below are known or suspected to be present in the Polaris Tower. These have been identified through inspection and sampling and the sample locations and results are included in the attachments to this document.

- Asbestos
- Paint Containing Lead and PCBs
- Biological Hazards, including fungal amplification & bird guano
- Ozone Depleting Substances
- Glycol in Heat Distribution System

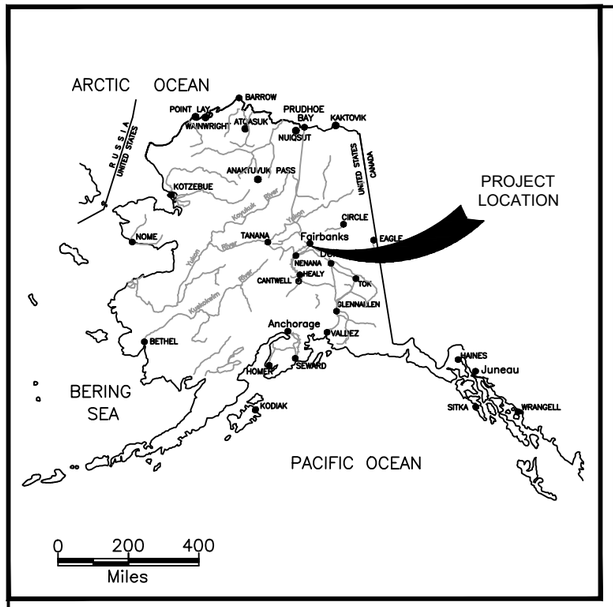
As part of this work, some specific hazardous materials have been identified and removed from the Polaris Tower. The following items are not expected to be present in the building:

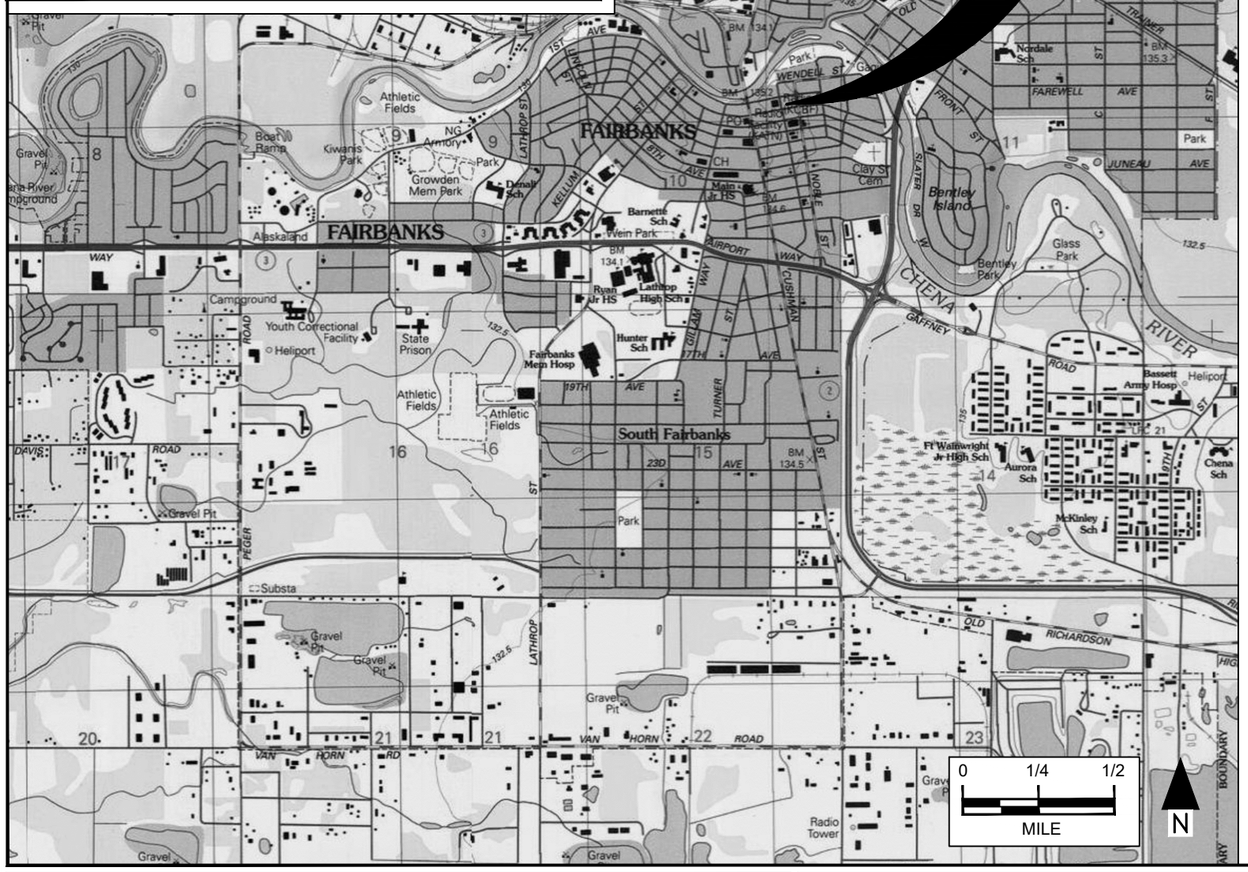
- Fluorescent light fixtures (lamps and ballasts)
- Emergency Lighting
- Thermostats
- Smoke Detectors
- Fire Extinguishers
- Cleaning/Maintenance Supplies

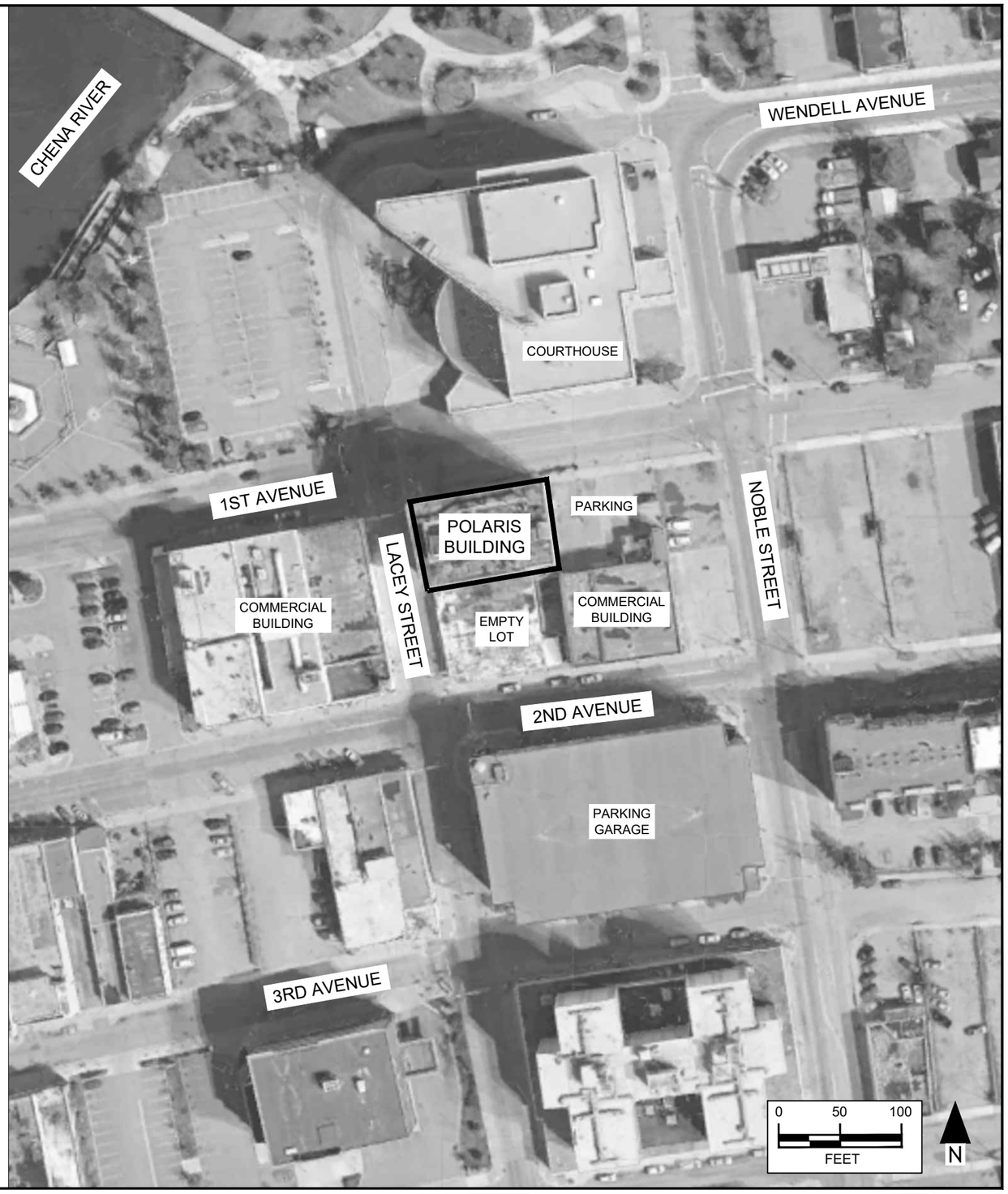
Attachments:

1) Figures 1 – 12: Location Maps, PCB Paint, and ACM Sample Locations & Results
2) Selected/Highlighted EHSI Asbestos & Lead Sample Locations & Results
3) NORTECH ACM Lab Reports
4) NORTECH PCB Results Lab Reports
5) Ozone Depleting Substances Inventory
6) EHSI Table 3 XRF Sampling - Highlighted
7) EHSI Table 2 ACM Quantities - Highlighted

Attachment 1







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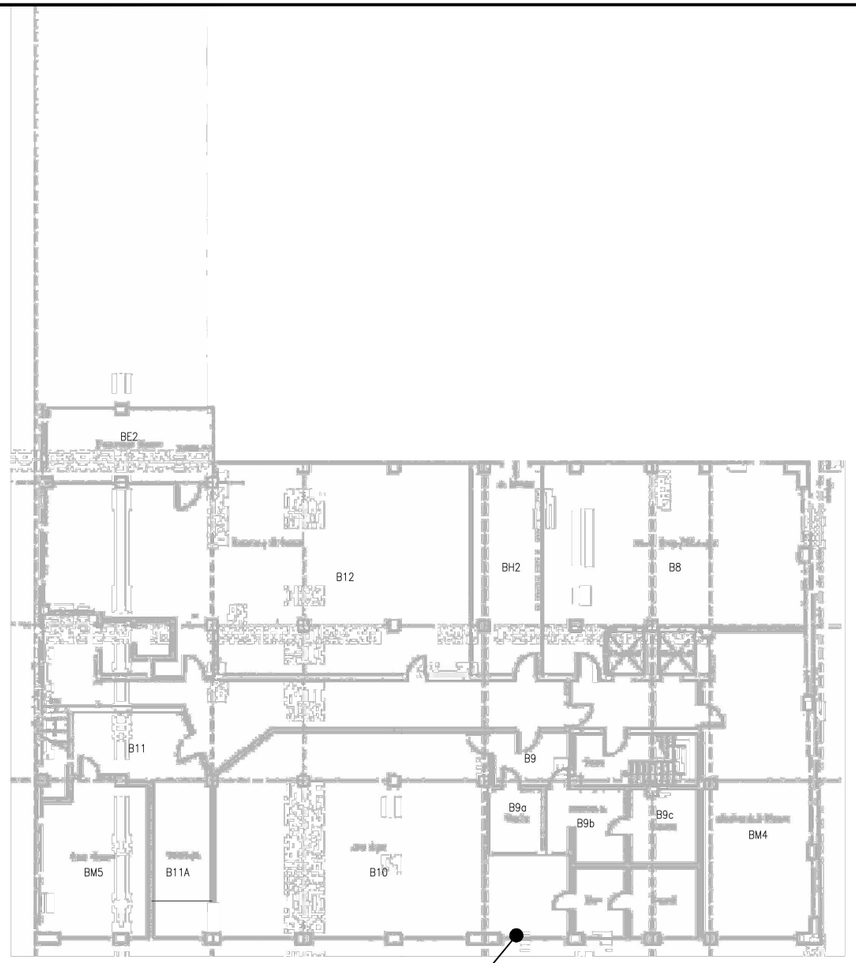
Location and Vicinity Map
Polaris Hazardous Materials Investigation
Fairbanks, Alaska

DATE: 06/14/2023	SCALE: NTS
PROJ MGR: PLB	PROJECT: 20-2682
DRAWN: SPH	DWG. NO.: 202682(Polaris)

FIGURE 1



April 21, 2022 (EMSL)	
PCB Bulk by 3546/8082A (mg/Kg)	
Sample ID	**B4**
Color	**green**
Aroclor-1016	**ND**
Aroclor-1221	**ND**
Aroclor-1232	**ND**
Aroclor-1242	**ND**
Aroclor-1248	**ND**
Aroclor-1254	**2.0**
Aroclor-1260	**ND**
Aroclor-1262	**ND**
Aroclor-1268	**ND**

LEGEND

01234 PCB BULK SAMPLE LOCATIONS - NEGATIVE (NO PCBs DETECTED)

01234 PCB BULK SAMPLE LOCATIONS - POSITIVE (PCBs DETECTED)

SEE TABULATED RESULTS FOR SAMPLE NUMBER & RESULTS

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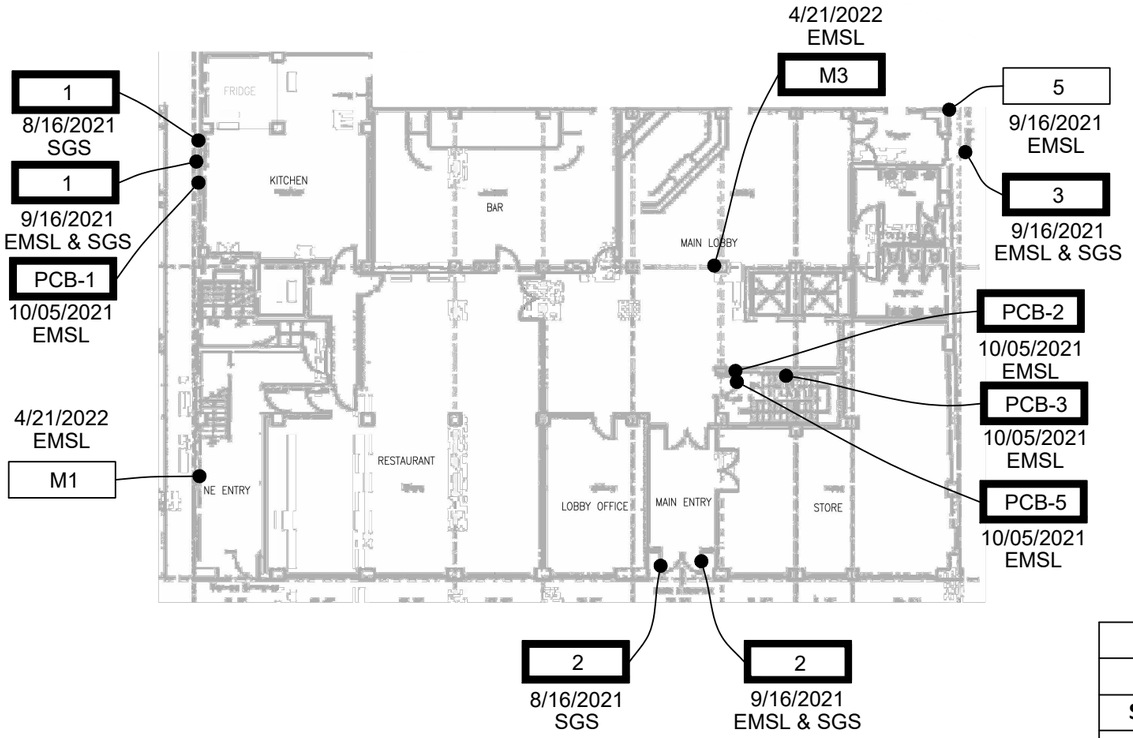
Basement PCB Sample Locations & Results
Polaris Hazardous Materials Investigation
Fairbanks, Alaska

DATE: 06/14/2023	SCALE: NTS
PROJ MGR: PLB	PROJECT: 20-2682
DRAWN: SPH	DWG. NO.: 202682(Polaris)

FIGURE 2



LEGEND

- 01234 — PCB BULK SAMPLE LOCATIONS - NEGATIVE (NO PCBs DETECTED)
- 01234 — PCB BULK SAMPLE LOCATIONS - POSITIVE (PCBs DETECTED)

SEE TABULATED RESULTS FOR SAMPLE NUMBER & RESULTS

August 16, 2021 (SGS)		
PCB Bulk by 8082A (mg/Kg)		
Sample ID	**1**	**2**
Color	**tan**	**green**
Aroclor-1016	**ND**	**ND**
Aroclor-1221	**ND**	**ND**
Aroclor-1232	**ND**	**ND**
Aroclor-1242	**ND**	**ND**
Aroclor-1248	**ND**	**ND**
Aroclor-1254	**431**	**ND**
Aroclor-1260	**104**	**155**

September 16, 2021 (SGS)			
PCB Bulk by 8082A (mg/Kg)			
Sample ID	**1**	**2**	**3**
Color	**tan**	**green**	**green**
Aroclor-1016	**ND**	ND	**ND**
Aroclor-1221	**ND**	ND	**ND**
Aroclor-1232	**ND**	ND	**ND**
Aroclor-1242	**ND**	ND	**ND**
Aroclor-1248	**ND**	ND	**ND**
Aroclor-1254	**343**	ND	**ND**
Aroclor-1260	**161**	ND	**51**

Septermber 16, 2021 (EMSL)					
PCB Bulk by 3546/8082A (mg/Kg)					
Sample ID	**1-paint**	**1-concrete**	**2-paint**	**3-paint**	**5-concrete**
Color	**tan**	**unpainted**	**green**	**green**	**unpainted**
Aroclor-1016	**ND**	**ND**	**ND**	**ND**	ND
Aroclor-1221	**ND**	**ND**	**ND**	**ND**	ND
Aroclor-1232	**ND**	**ND**	**ND**	**ND**	ND
Aroclor-1242	**ND**	**ND**	**ND**	**ND**	ND
Aroclor-1248	**ND**	**ND**	**ND**	**ND**	ND
Aroclor-1254	**350**	**10**	**1.5**	**ND**	ND
Aroclor-1260	**120**	**ND**	**3.7**	**ND**	ND
Aroclor-1262	**ND**	**ND**	**ND**	**37**	ND
Aroclor-1268	**ND**	**ND**	**ND**	**ND**	ND

April 21, 2022 (EMSL)		
PCB Bulk by 8082A (mg/Kg)		
Sample ID	M1	**M3**
Color	unpainted concrete	**green**
Aroclor-1016	ND	**ND**
Aroclor-1221	ND	**ND**
Aroclor-1232	ND	**ND**
Aroclor-1242	ND	**ND**
Aroclor-1248	ND	**ND**
Aroclor-1254	ND	**1.1**
Aroclor-1260	ND	**ND**
Aroclor-1262	ND	**ND**
Aroclor-1268	ND	**ND**

October 5, 2021 (EMSL)				
PCB Bulk by 3546/8082A (mg/Kg)				
Sample ID	**PCB-1**	**PCB-2**	**PCB-3**	**PCB-5**
Color	**tan**	**orange/black**	**black**	**white**
Aroclor-1016	**ND**	**ND**	**ND**	**ND**
Aroclor-1221	**ND**	**ND**	**ND**	**ND**
Aroclor-1232	**ND**	**ND**	**ND**	**ND**
Aroclor-1242	**ND**	**ND**	**ND**	**ND**
Aroclor-1248	**ND**	**ND**	**ND**	**ND**
Aroclor-1254	**1.2**	**59**	**160**	**260**
Aroclor-1260	**ND**	**15**	**40**	**94**
Aroclor-1262	**ND**	**ND**	**ND**	**ND**
Aroclor-1268	**ND**	**ND**	**ND**	**ND**

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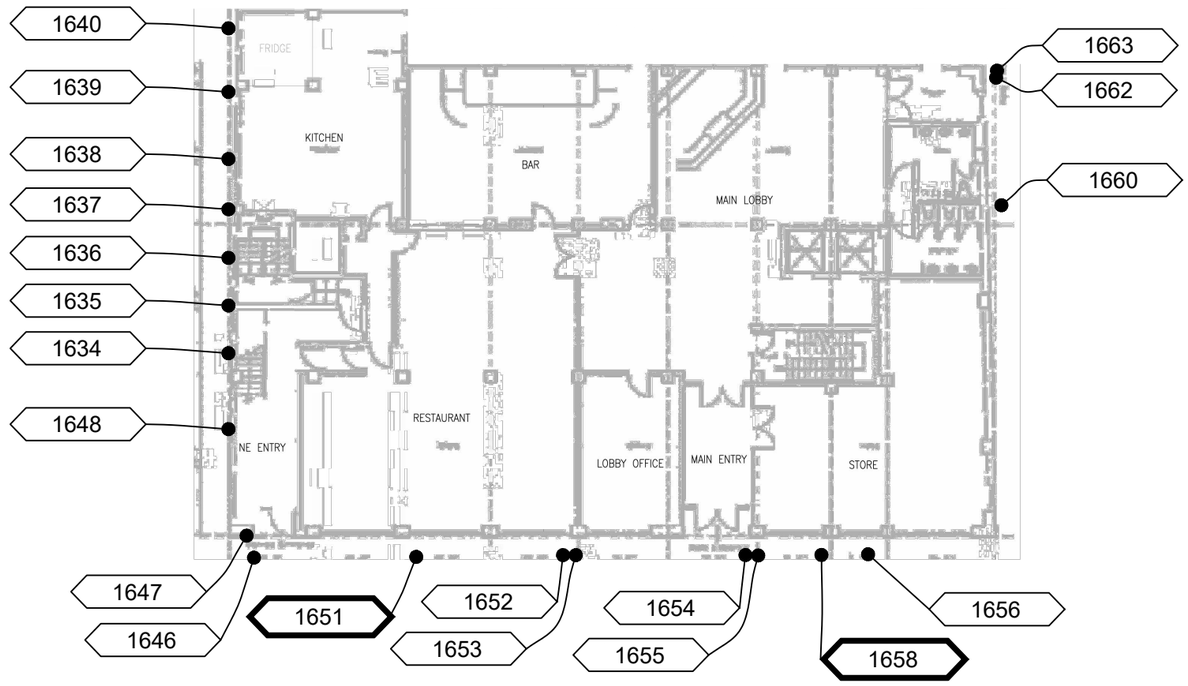
Main Floor PCB Sample Locations & Results
Polaris Hazardous Materials Investigation
Fairbanks, Alaska

DATE: 06/14/2023	SCALE: NTS
PROJ MGR: PLB	PROJECT: 20-2682
DRAWN: SPH	DWG. NO.: 202682(Polaris)

FIGURE 3



Exterior				
Lead Sample Results				
Number	**Color**	**Surface**	**Substrate**	**Result (mg/cm²)**
1634	tan	wall	concrete	0.06
1635	tan	wall	concrete	0.4
1636	tan	wall	concrete	0.4
1637	tan	wall	concrete	0.4
1638	tan	wall	concrete	0.3
1639	tan	wall	concrete	0.07
1640	tan	wall	concrete	0.17
1646	green	ledge	concrete	0.9
1647	tan	wall	concrete	0.07
1648	tan	wall	concrete	0.12
1649	tan	wall	concrete	0.19
1651	**green**	**ledge**	**concrete**	**2.2**
1652	green	ledge	concrete	0.6
1653	green	ledge	concrete	0.6
1654	green	ledge	concrete	0.6
1655	green	ledge	concrete	0.24
1656	green	ledge	concrete	0.6
1658	**green**	**window**	**wood**	**9.7**
1660	green	ledge	concrete	0.9
1662	green	ledge	concrete	0.12
1663	green	ledge	concrete	0.23

LEGEND

0123 — LEAD BASED PAINT SAMPLE (<1mg/cm sq)(HUD)

0123 — LEAD BASED PAINT SAMPLE (>1mg/cm sq)(HUD)

SEE LEAD BASED PAINT TABULATION RESULTS FOR CONCENTRATION FOR LEAD SAMPLE NUMBER

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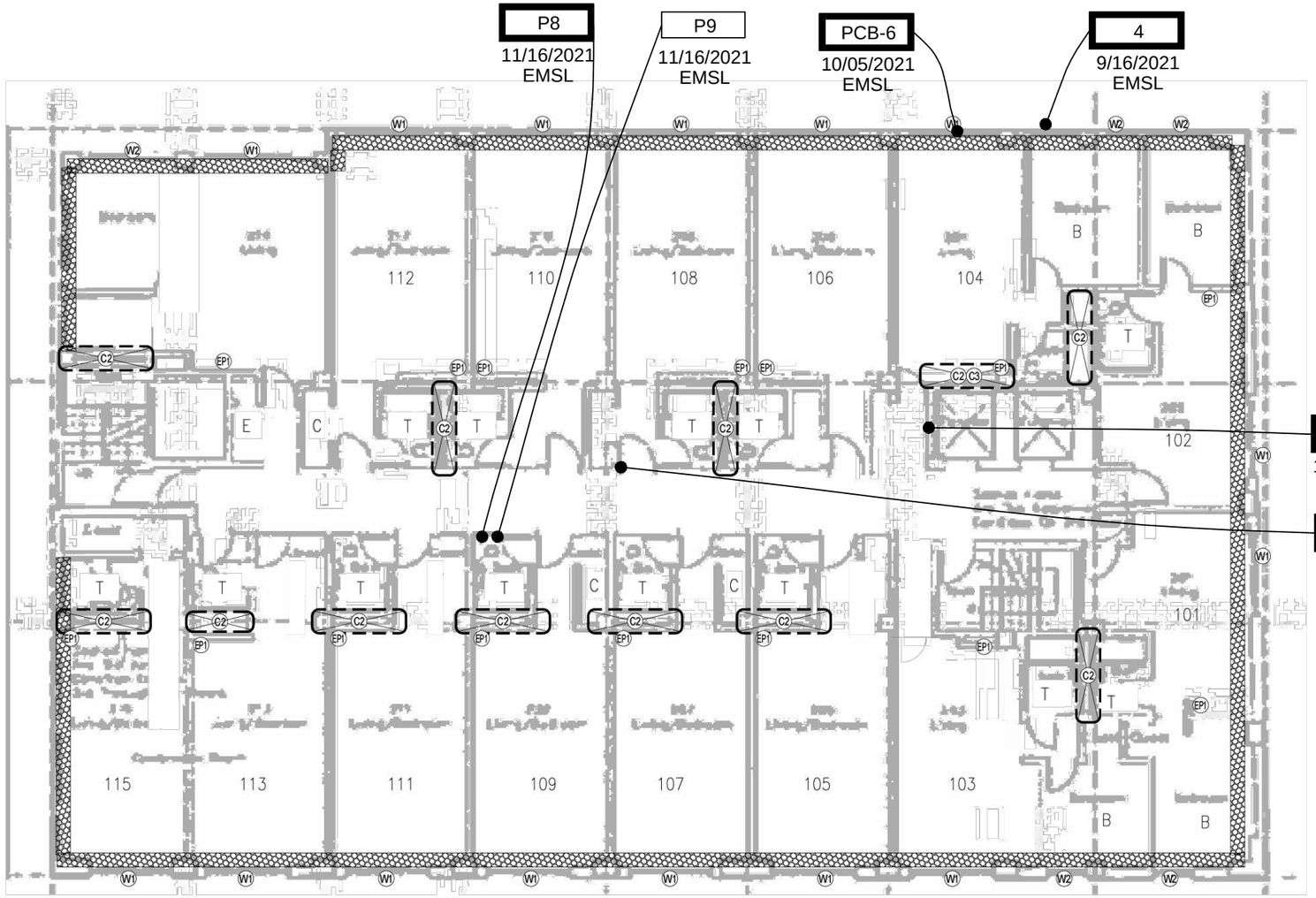
Main Floor Lead Sample Locations & Results
Polaris Hazardous Materials Investigation
Fairbanks, Alaska

DATE: 06/14/2023	SCALE: NTS
PROJ MGR: PLB	PROJECT: 20-2682
DRAWN: SPH	DWG. NO.: 202682(Polaris)

FIGURE 4



November 16, 2021 (EMSL)			
PCB Bulk by 3546/8082A (mg/Kg)			
Sample ID	P5	P8	P9
Color	white	cream	unpainted concrete
Aroclor-1016	ND	ND	ND
Aroclor-1221	ND	ND	ND
Aroclor-1232	ND	ND	ND
Aroclor-1242	1.6	1.1	ND
Aroclor-1248	ND	ND	ND
Aroclor-1254	2.9	4	ND
Aroclor-1260	0.89	ND	ND
Aroclor-1262	ND	ND	ND
Aroclor-1268	ND	ND	ND

Septermber 16, 2021 (EMSL)		
PCB Bulk by 3546/8082A (mg/Kg)		
Sample ID	4-concrete	4-paint
Color	unpainted	tan
Aroclor-1016	ND	ND
Aroclor-1221	ND	ND
Aroclor-1232	ND	ND
Aroclor-1242	ND	ND
Aroclor-1248	ND	ND
Aroclor-1254	ND	130
Aroclor-1260	ND	47
Aroclor-1262	ND	ND
Aroclor-1268	ND	ND

October 5, 2021 (EMSL)		
PCB Bulk by 3546/8082A (mg/Kg)		
Sample ID	PCB-4	PCB-6
Color	tan	window caulk
Aroclor-1016	ND	ND
Aroclor-1221	ND	ND
Aroclor-1232	ND	ND
Aroclor-1242	1.3	ND
Aroclor-1248	ND	6.8
Aroclor-1254	3.1	6.8
Aroclor-1260	ND	ND
Aroclor-1262	ND	ND
Aroclor-1268	ND	ND

LEGEND

01234 PCB BULK SAMPLE LOCATIONS - NEGATIVE (NO PCBs DETECTED)

01234 PCB BULK SAMPLE LOCATIONS - POSITIVE (PCBs DETECTED)

SEE TABULATED RESULTS FOR SAMPLE NUMBER & RESULTS

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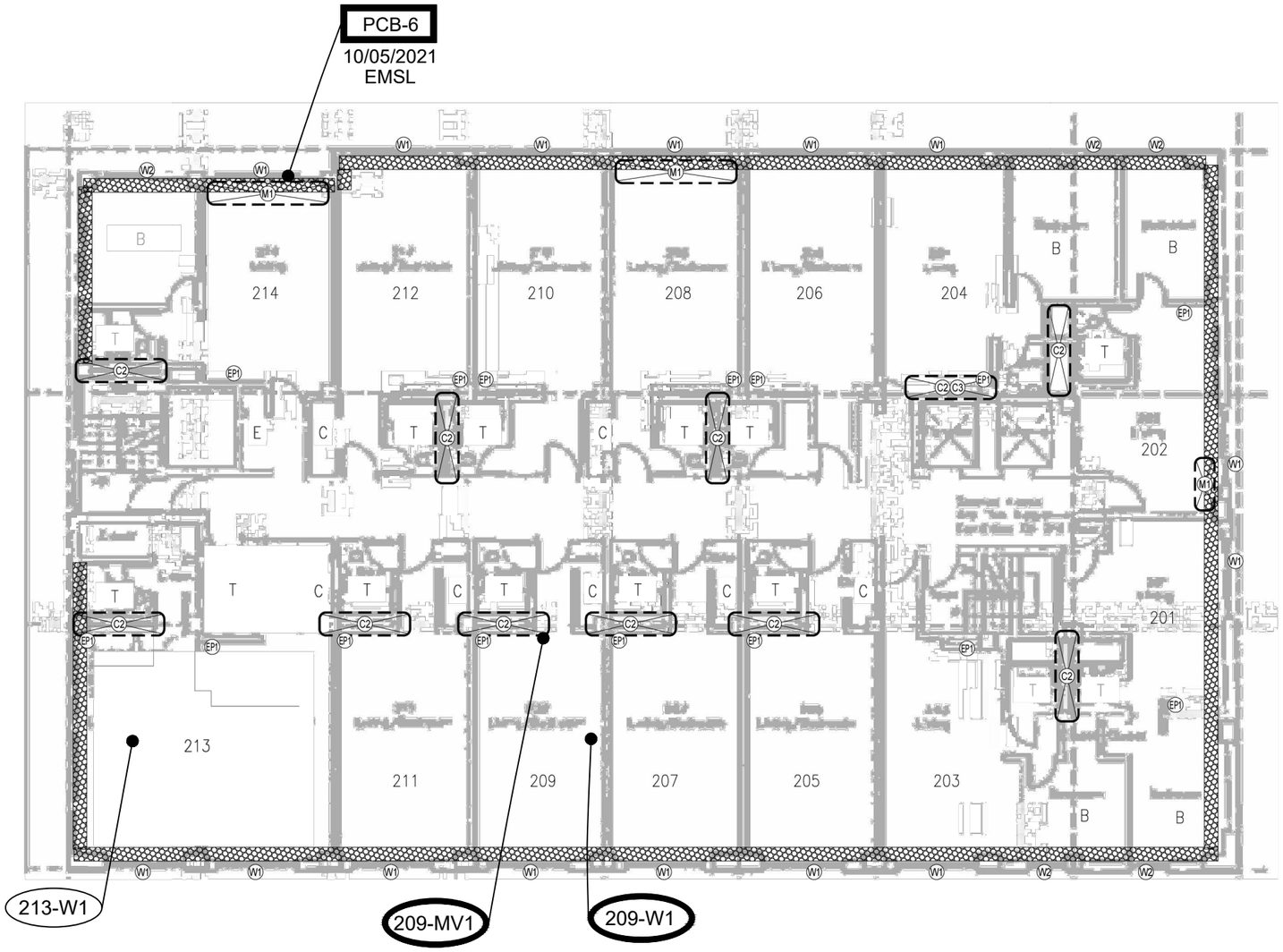
2nd Floor PCB Sample Locations & Results
Polaris Hazardous Materials Investigation
Fairbanks, Alaska

DATE: 06/14/2023	SCALE: NTS
PROJ MGR: PLB	PROJECT: 20-2682
DRAWN: SPH	DWG. NO.: 202682(Polaris)

FIGURE 5



October 5, 2021 (EMSL)	
PCB Bulk by 3546/8082A (mg/Kg)	
Sample ID	**PCB-6**
Color	**window caulk**
Aroclor-1016	**ND**
Aroclor-1221	**ND**
Aroclor-1232	**ND**
Aroclor-1242	**ND**
Aroclor-1248	**6.8**
Aroclor-1254	**6.8**
Aroclor-1260	**ND**
Aroclor-1262	**ND**
Aroclor-1268	**ND**

Asbestos Microvac Sample	
ASTM D5755 (str/cm²)	
Sample ID	**209-MV1**
Surface	floor - carpet
Result	42,800

Asbestos TEM Wipe Sample		
ASTM 6480 (str/cm²)		
Sample ID	**209-W1**	**213-W1**
Surface	table	table
Result	6,180	<6,180

LEGEND

- 01234 — PCB BULK SAMPLE LOCATIONS - NEGATIVE (NO PCBs DETECTED)
- 01234 — PCB BULK SAMPLE LOCATIONS - POSITIVE (PCBs DETECTED)

} SEE TABULATED RESULTS FOR SAMPLE NUMBER & RESULTS

- 0123 — ASBESTOS SAMPLE LOCATIONS NON-DETECT
- 0123 — ASBESTOS SAMPLE LOCATIONS DETECTED

} SEE ASBESTOS TABULATED RESULTS FOR ACM SAMPLE NUMBER

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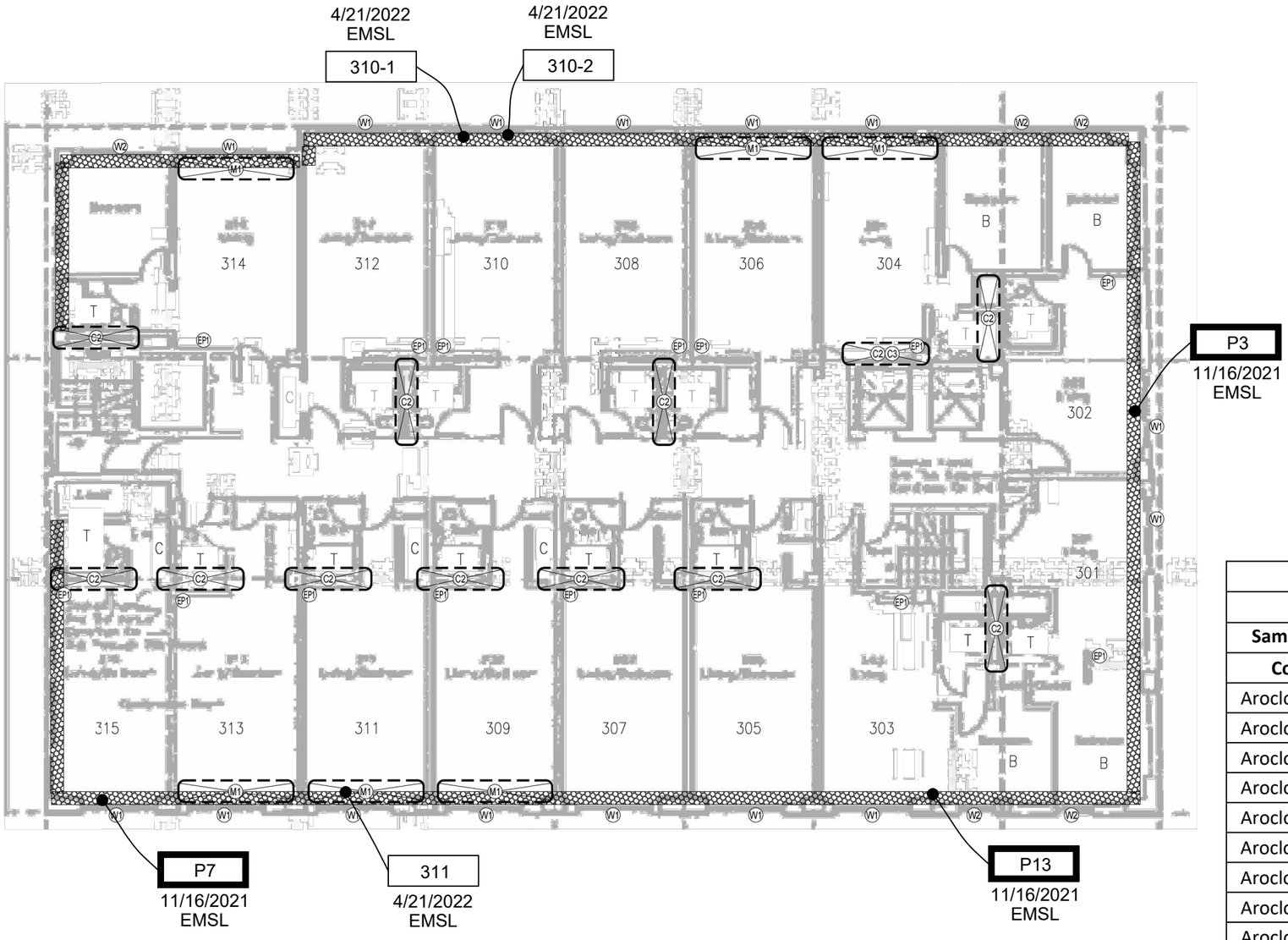
3rd Floor PCB Sample Locations & Results
Polaris Hazardous Materials Investigation
Fairbanks, Alaska

DATE: 06/14/2023	SCALE: NTS
PROJ MGR: PLB	PROJECT: 20-2682
DRAWN: SPH	DWG. NO.: 202682(Polaris)

FIGURE 6



November 16, 2021 (EMSL)			
PCB Bulk by 3546/8082A (mg/Kg)			
Sample ID	**P3**	**P13**	**P7**
Color	**tan**	**tan**	**tan**
Aroclor-1016	**ND**	**ND**	**ND**
Aroclor-1221	**ND**	**ND**	**ND**
Aroclor-1232	**ND**	**ND**	**ND**
Aroclor-1242	**ND**	**ND**	**ND**
Aroclor-1248	**ND**	**ND**	**ND**
Aroclor-1254	**11**	**14**	**20**
Aroclor-1260	**1.3**	**ND**	**ND**
Aroclor-1262	**ND**	**ND**	**ND**
Aroclor-1268	**ND**	**ND**	**ND**

April 21, 2022 (EMSL)			
PCB Bulk by 3546/8082A (mg/Kg)			
Sample ID	310-1	310-2	311
Color	unpainted concrete	unpainted concrete	unpainted concrete
Aroclor-1016	ND	ND	ND
Aroclor-1221	ND	ND	ND
Aroclor-1232	ND	ND	ND
Aroclor-1242	ND	ND	ND
Aroclor-1248	ND	ND	ND
Aroclor-1254	ND	ND	ND
Aroclor-1260	ND	ND	ND
Aroclor-1262	ND	ND	ND
Aroclor-1268	ND	ND	ND

LEGEND

01234 — PCB BULK SAMPLE LOCATIONS - NEGATIVE (NO PCBs DETECTED)

01234 — PCB BULK SAMPLE LOCATIONS - POSITIVE (PCBs DETECTED)

SEE TABULATED RESULTS FOR SAMPLE NUMBER & RESULTS

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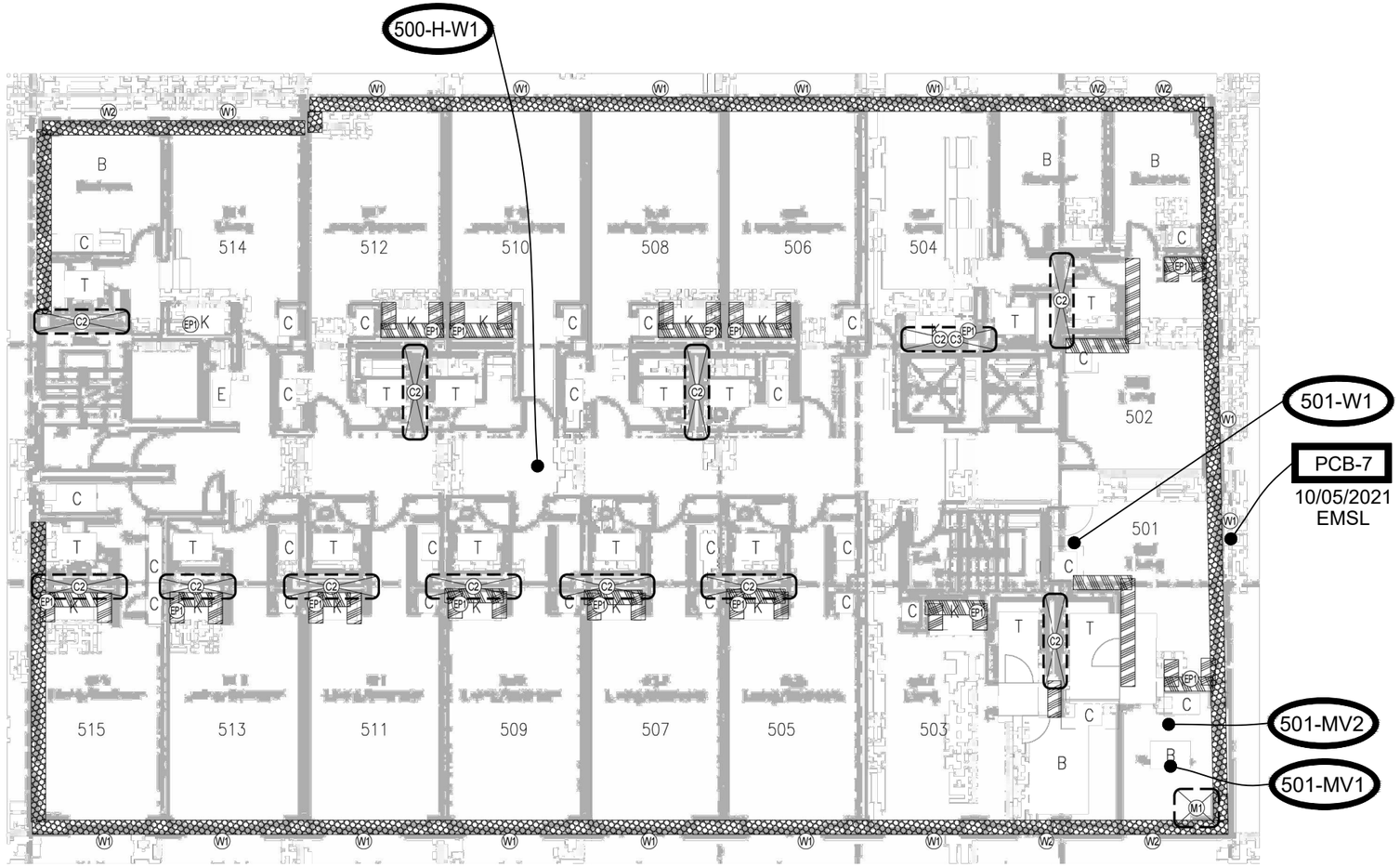
4th Floor PCB Sample Locations & Results
Polaris Hazardous Materials Investigation
Fairbanks, Alaska

DATE: 06/14/2023	SCALE: NTS
PROJ MGR: PLB	PROJECT: 20-2682
DRAWN: SPH	DWG. NO.: 202682(Polaris)

FIGURE 7



October 5, 2021 (EMSL)	
PCB Bulk by 3546/8082A (mg/Kg)	
Sample ID	**PCB-7**
Description	**window caulk**
Aroclor-1016	**ND**
Aroclor-1221	**ND**
Aroclor-1232	**ND**
Aroclor-1242	**ND**
Aroclor-1248	**ND**
Aroclor-1254	**3.6**
Aroclor-1260	**ND**
Aroclor-1262	**ND**
Aroclor-1268	**ND**

Asbestos Microvac Sample		
ASTM D5755 (str/cm²)		
Sample ID	**501-MV1**	**501-MV2**
Surface	bed sheet	floor - carpet
Result	12,200	4,120

Asbestos TEM Wipe Sample		
ASTM 6480 (str/cm²)		
Sample ID	**500-H-W1**	**501-W1**
Surface	floor	table
Result	3,610	82,400

LEGEND

01234 — PCB BULK SAMPLE LOCATIONS - NEGATIVE (NO PCBs DETECTED)

01234 — PCB BULK SAMPLE LOCATIONS - POSITIVE (PCBs DETECTED)

} SEE TABULATED RESULTS FOR SAMPLE NUMBER & RESULTS

0123 — ASBESTOS SAMPLE LOCATIONS NON-DETECT

0123 — ASBESTOS SAMPLE LOCATIONS DETECTED

} SEE ASBESTOS TABULATED RESULTS FOR ACM SAMPLE NUMBER

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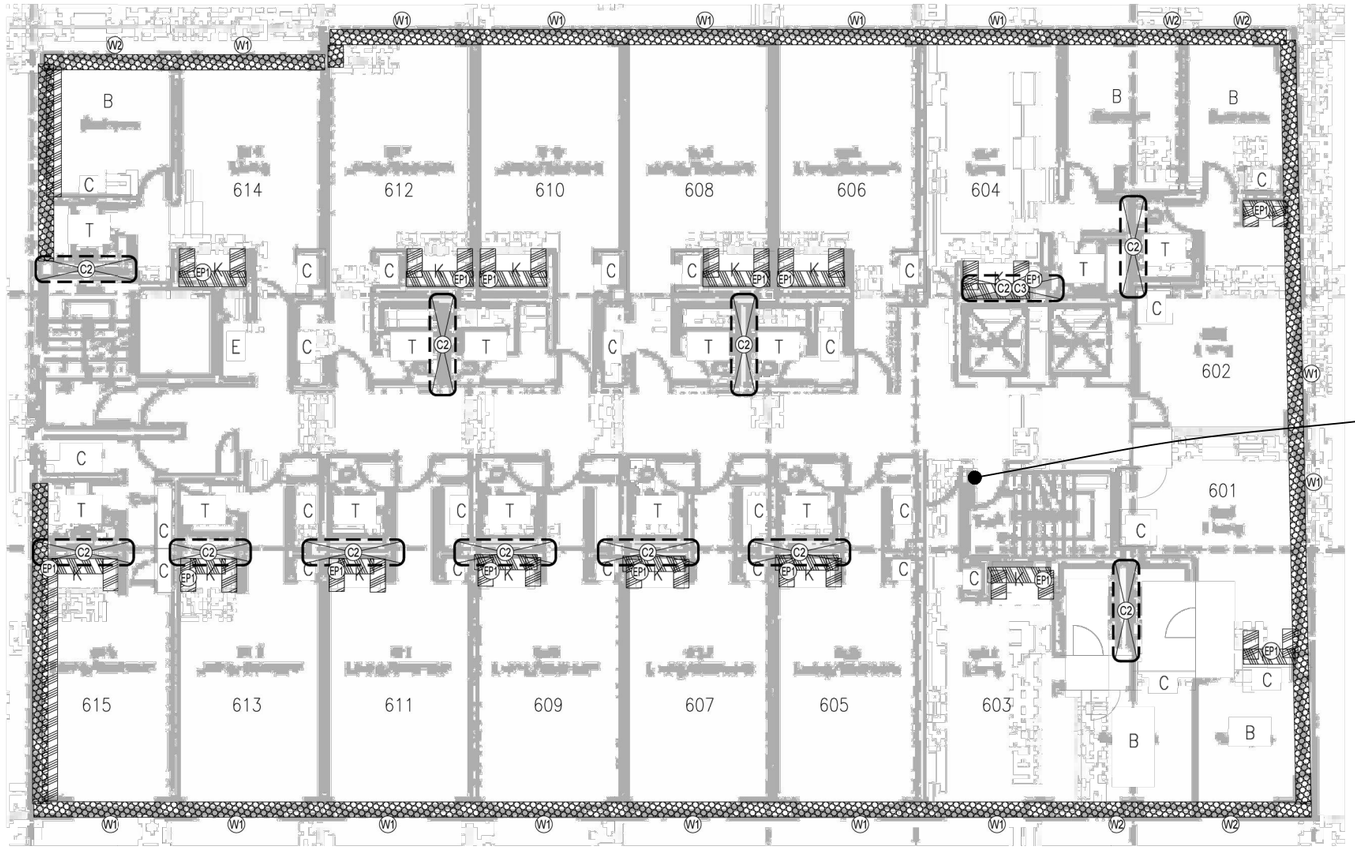
6th Floor PCB Sample Locations & Results
Polaris Hazardous Materials Investigation
Fairbanks, Alaska

DATE: 06/14/2023	SCALE: NTS
PROJ MGR: PLB	PROJECT: 20-2682
DRAWN: SPH	DWG. NO.: 202682(Polaris)

FIGURE 8



November 16, 2021 (EMSL)	
PCB Bulk by 3546/8082A (mg/Kg)	
Sample ID	**P12**
Color	**dark green**
Aroclor-1016	**ND**
Aroclor-1221	**ND**
Aroclor-1232	**ND**
Aroclor-1242	**ND**
Aroclor-1248	**ND**
Aroclor-1254	**39**
Aroclor-1260	**ND**
Aroclor-1262	**ND**
Aroclor-1268	**ND**

LEGEND

01234 PCB BULK SAMPLE LOCATIONS - NEGATIVE (NO PCBs DETECTED)

01234 PCB BULK SAMPLE LOCATIONS - POSITIVE (PCBs DETECTED)

SEE TABULATED RESULTS FOR SAMPLE NUMBER & RESULTS

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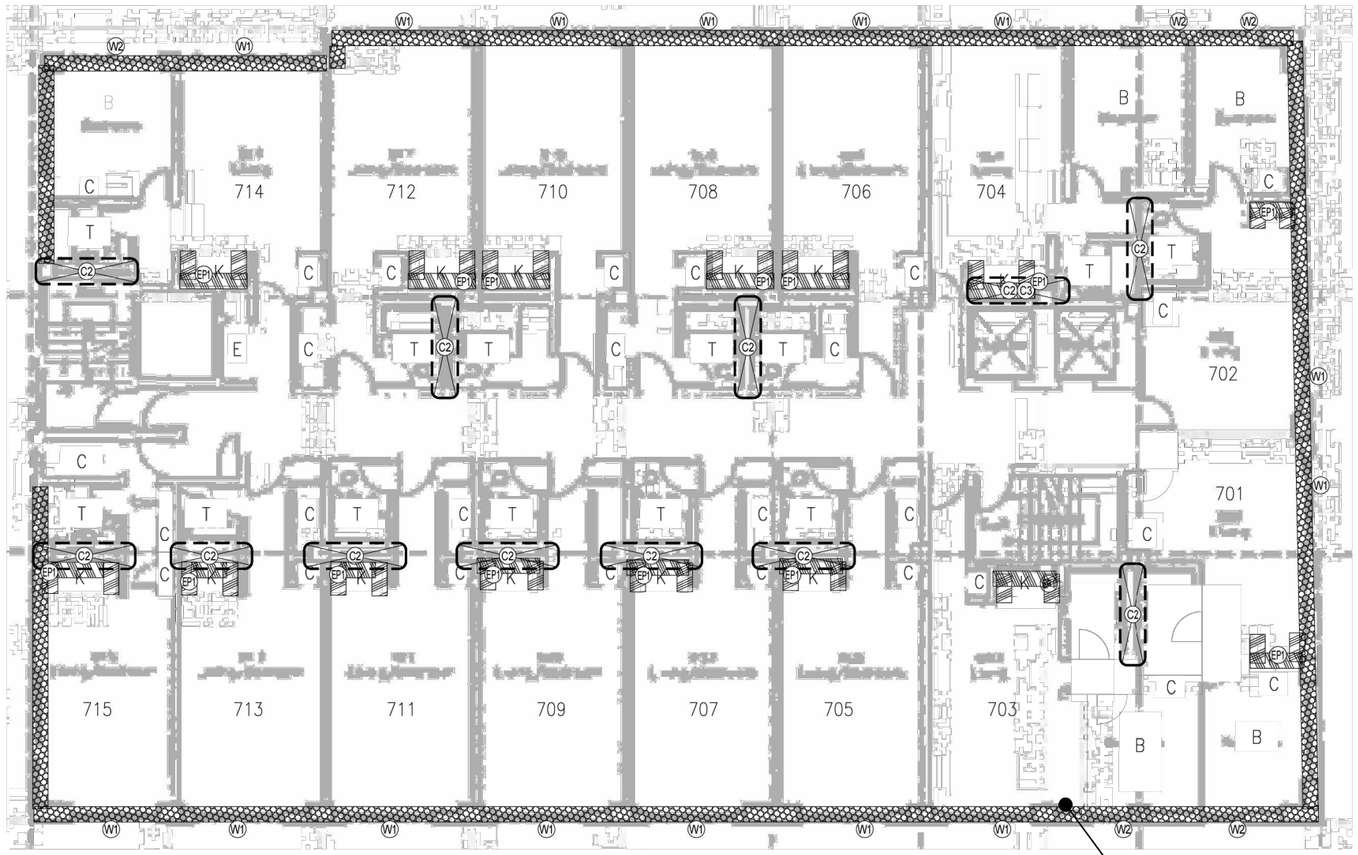
7th Floor PCB Sample Locations & Results
Polaris Hazardous Materials Investigation
Fairbanks, Alaska

DATE: 06/14/2023	SCALE: NTS
PROJ MGR: PLB	PROJECT: 20-2682
DRAWN: SPH	DWG. NO.: 202682(Polaris)

FIGURE 9



November 16, 2021 (EMSL)	
PCB Bulk by 3546/8082A (mg/Kg)	
Sample ID	**P2**
Color	**tan**
Aroclor-1016	**ND**
Aroclor-1221	**ND**
Aroclor-1232	**ND**
Aroclor-1242	**ND**
Aroclor-1248	**ND**
Aroclor-1254	**6.9**
Aroclor-1260	**1.8**
Aroclor-1262	**ND**
Aroclor-1268	**ND**

LEGEND

01234 PCB BULK SAMPLE LOCATIONS - NEGATIVE (NO PCBs DETECTED)

01234 PCB BULK SAMPLE LOCATIONS - POSITIVE (PCBs DETECTED)

SEE TABULATED RESULTS FOR SAMPLE NUMBER & RESULTS

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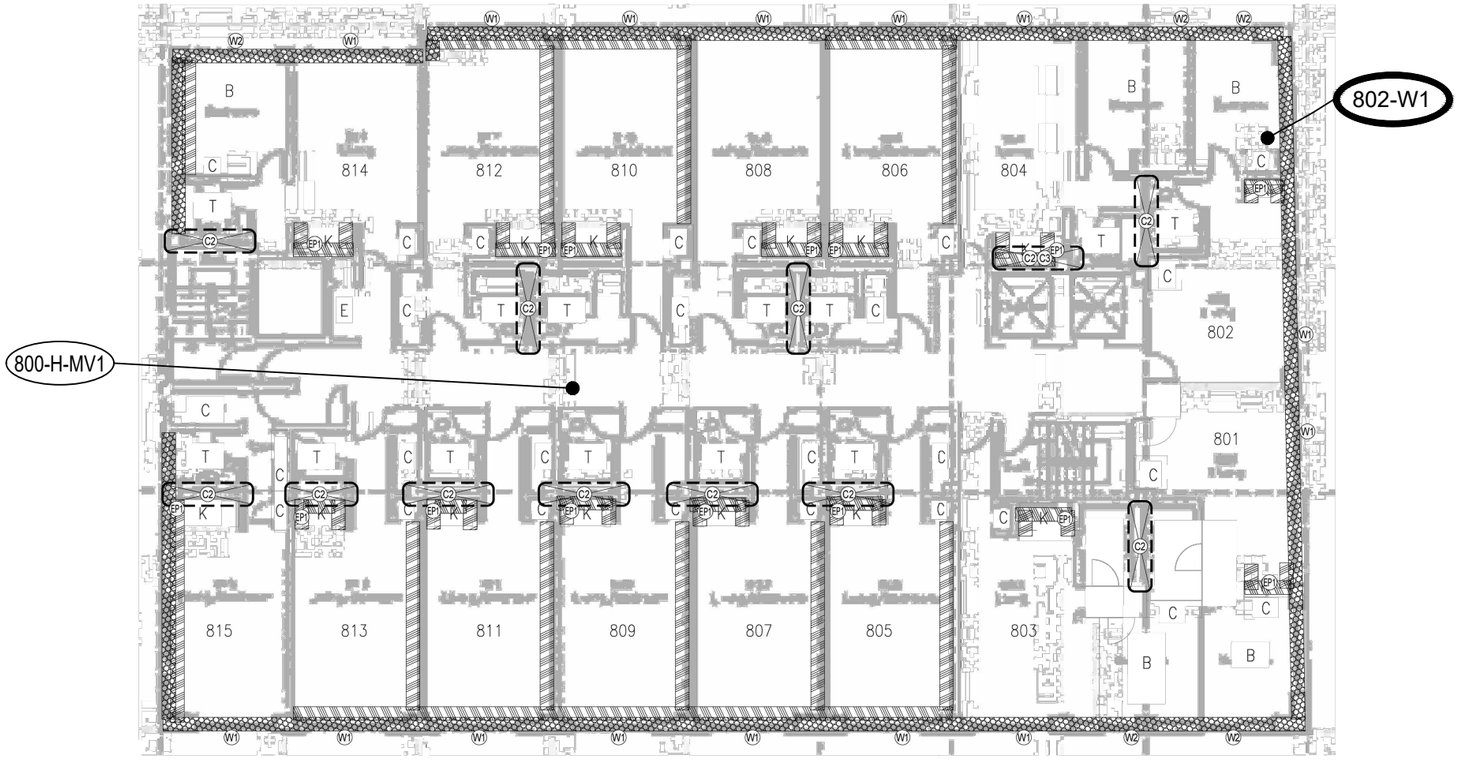
3105 Lakeshore Dr., Anchorage, AK. 99517 907-222-2445
5438 Shaune Dr., Juneau, AK. 99801 907-586-6813

8th Floor PCB Sample Locations & Results
Polaris Hazardous Materials Investigation
Fairbanks, Alaska

DATE: 06/14/2023	SCALE: NTS
PROJ MGR: PLB	PROJECT: 20-2682
DRAWN: SPH	DWG. NO.: 202682(Polaris)

FIGURE 10



Asbestos Microvac Sample	
ASTM D5755 (str/cm²)	
Sample ID	**800-H-MV1**
Surface	floor - carpet
Result	<2,470

Asbestos TEM Wipe Sample	
ASTM 6480 (str/cm²)	
Sample ID	**802-W1**
Surface	floor - carpet
Result	5,150

LEGEND

0123 — ASBESTOS SAMPLE LOCATIONS NON-DETECT

0123 — ASBESTOS SAMPLE LOCATIONS DETECTED

SEE ASBESTOS TABULATED RESULTS FOR ACM SAMPLE NUMBER

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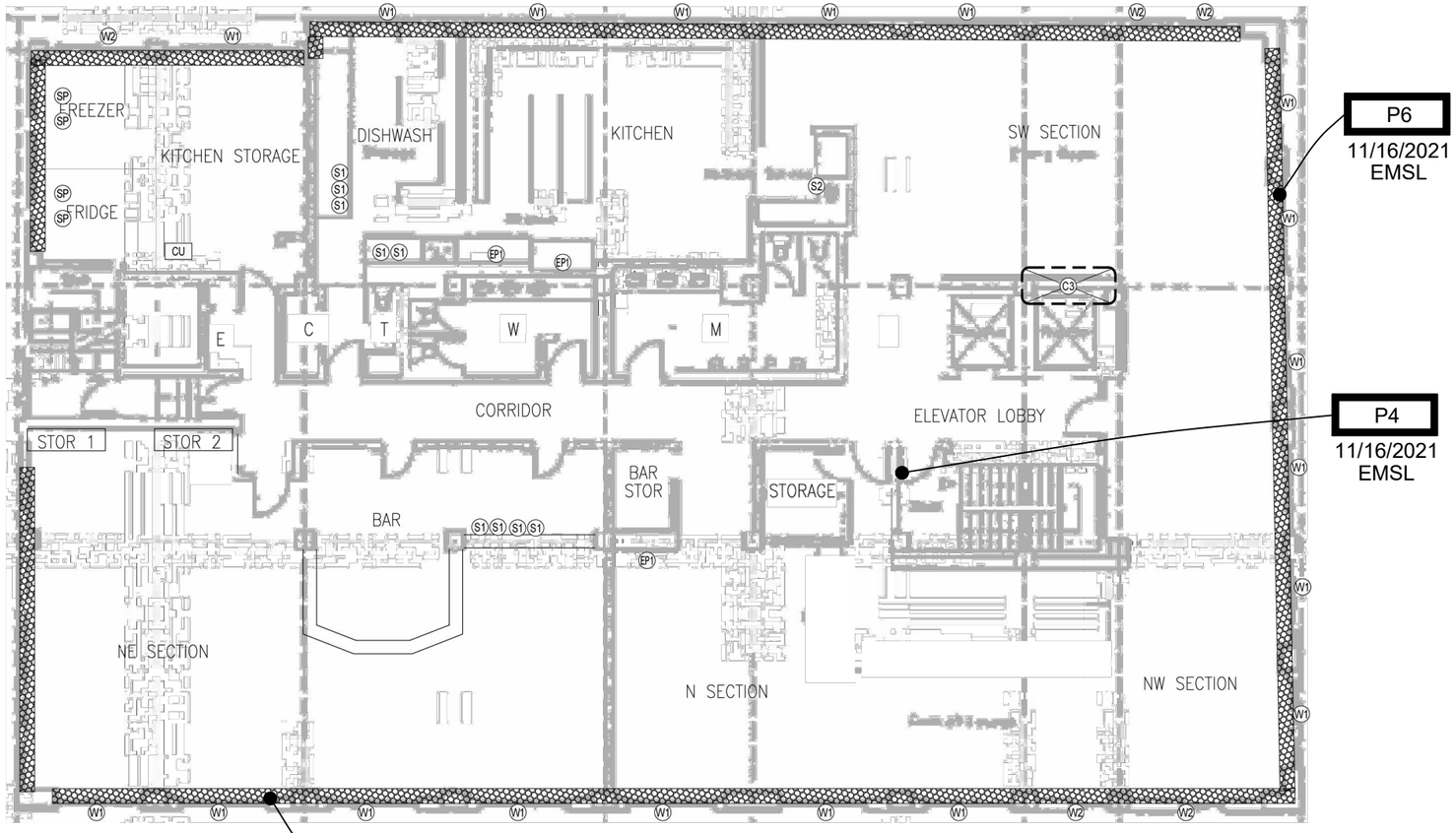
9th Floor Asbestos Sample Locations & Results
Polaris Hazardous Materials Investigation
Fairbanks, Alaska

DATE: 06/14/2023	SCALE: NTS
PROJ MGR: PLB	PROJECT: 20-2682
DRAWN: SPH	DWG. NO.: 202682(Polaris)

FIGURE 11



November 16, 2021 (EMSL)			
PCB Bulk by 3546/8082A (mg/Kg)			
Sample ID	**P1**	**P4**	**P6**
Color	**white**	**multi-colored**	**white**
Aroclor-1016	**ND**	**ND**	**ND**
Aroclor-1221	**ND**	**ND**	**ND**
Aroclor-1232	**ND**	**ND**	**ND**
Aroclor-1242	**ND**	**ND**	**ND**
Aroclor-1248	**ND**	**ND**	**ND**
Aroclor-1254	**10**	**540**	**38**
Aroclor-1260	**ND**	**100**	**6.2**
Aroclor-1262	**ND**	**ND**	**ND**
Aroclor-1268	**ND**	**ND**	**ND**

LEGEND

01234 PCB BULK SAMPLE LOCATIONS - NEGATIVE (NO PCBs DETECTED)

01234 PCB BULK SAMPLE LOCATIONS - POSITIVE (PCBs DETECTED)

SEE TABULATED RESULTS FOR SAMPLE NUMBER & RESULTS

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Penthouse PCB Sample Locations & Results
Polaris Hazardous Materials Investigation
Fairbanks, Alaska

DATE: 06/14/2023	SCALE: NTS
PROJ MGR: PLB	PROJECT: 20-2682
DRAWN: SPH	DWG. NO.: 202682(Polaris)

FIGURE 12

Attachment 2

GENERAL NOTES

1. DRAWING IS SCHEMATIC AND SAMPLE LOCATIONS ARE APPROXIMATE.
2. REFER TO REPORT FOR MORE INFORMATION ABOUT THE SAMPLED MATERIALS.

Highlight	Asbestos Concentration ≥1%
No HL	Asbestos Concentration ≤1%

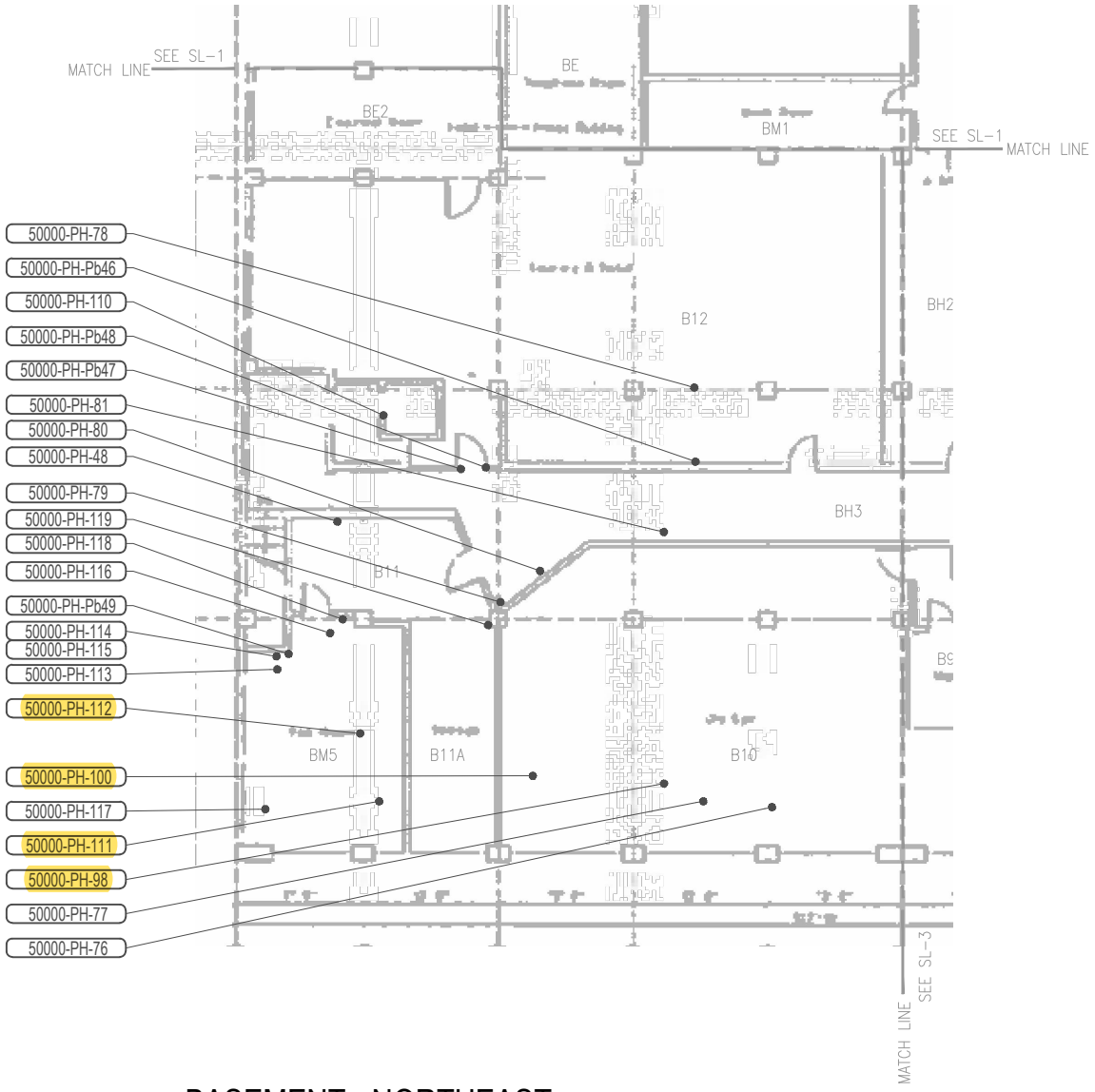
SAMPLE LEGEND

50000-PH-PbXX — BULK LEAD SAMPLE LOCATIONS

50000-PH-XX — BULK ASBESTOS LOCATIONS

SAMPLE NUMBER

JOB NUMBER



BASEMENT - NORTHEAST

NOT TO SCALE

PROJECT NORTH

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Fax: 206.254.4279

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FAIRBANKS, AK

ECOLOGY AND ENVIRONMENT, INC.
720 THIRD AVENUE, SUITE 1700
SEATTLE, WA

PROJECT MANAGER: B RACINE
INSPECTORS: R PETERSON, E ARROYO
SURVEY DATES: 06/12/17–06/19/17

EHSI PROJECT #: 50000–03
DRAWN BY: DIMALANTA
SCALE: NTS
ISSUE DATE: 08/11/17

BASEMENT
NORTHEAST

SL-2

GENERAL NOTES

1. DRAWING IS SCHEMATIC AND SAMPLE LOCATIONS ARE APPROXIMATE.
2. REFER TO REPORT FOR MORE INFORMATION ABOUT THE SAMPLED MATERIALS.

Highlight	Asbestos Concentration ≥1%
No HL	Asbestos Concentration ≤1%

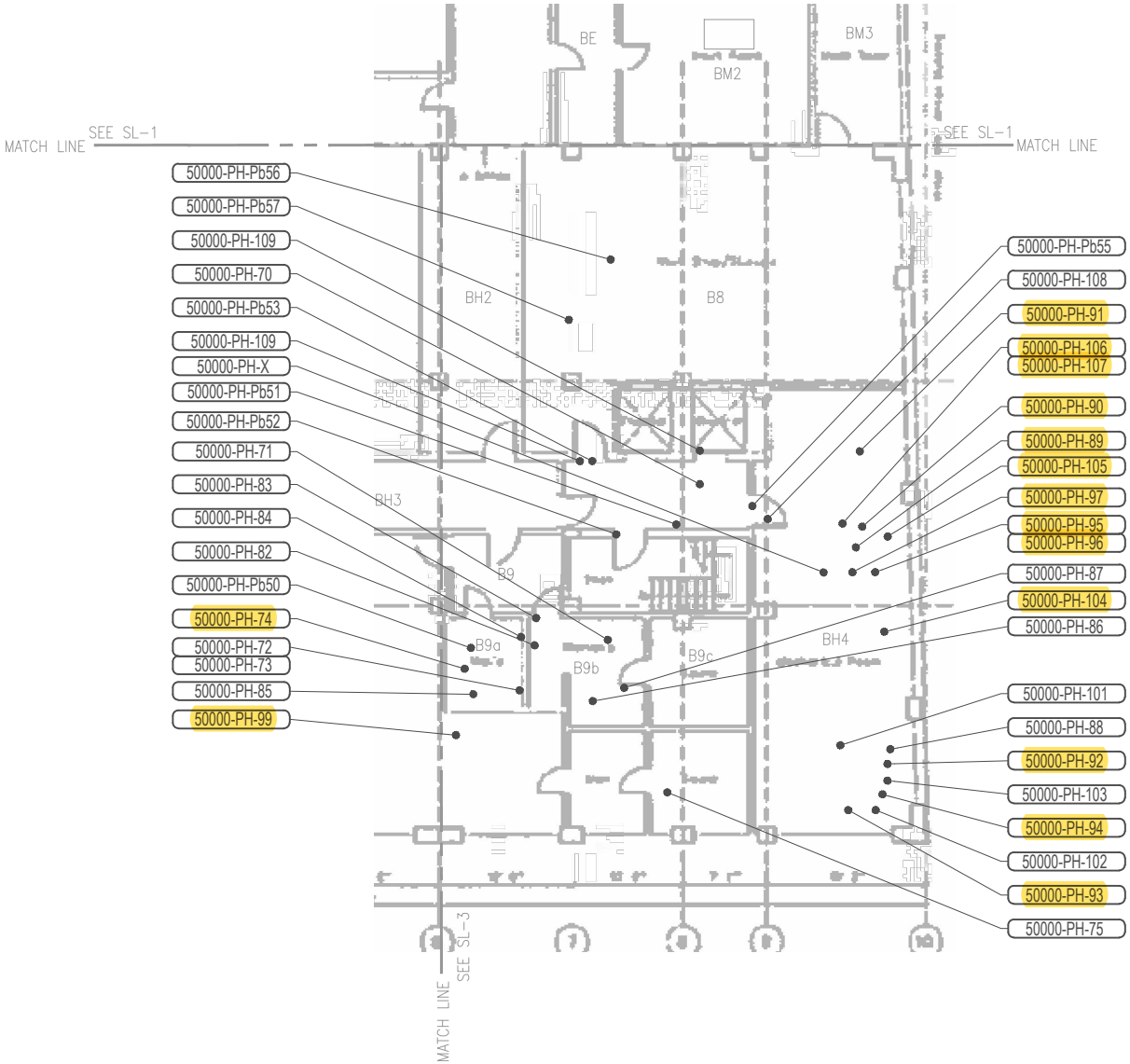
SAMPLE LEGEND

50000-PH-PbXX — BULK LEAD SAMPLE LOCATIONS

50000-PH-XX — BULK ASBESTOS LOCATIONS

SAMPLE NUMBER

JOB NUMBER



BASEMENT - NORTHWEST

NOT TO SCALE

PROJECT NORTH

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INSPECTORS: R PETERSON, E ARROYO

SURVEY DATES: 06/12/17–06/19/17

EHSI PROJECT #: 50000–03

DRAWN BY: DIMALANTA

SCALE: NTS

ISSUE DATE: 08/11/17

BASEMENT NORTHWEST

SL-3

GENERAL NOTES

1. DRAWING IS SCHEMATIC AND SAMPLE LOCATIONS ARE APPROXIMATE.
2. REFER TO REPORT FOR MORE INFORMATION ABOUT THE SAMPLED MATERIALS.

Highlight	Asbestos Concentration ≥1%
No HL	Asbestos Concentration ≤1%

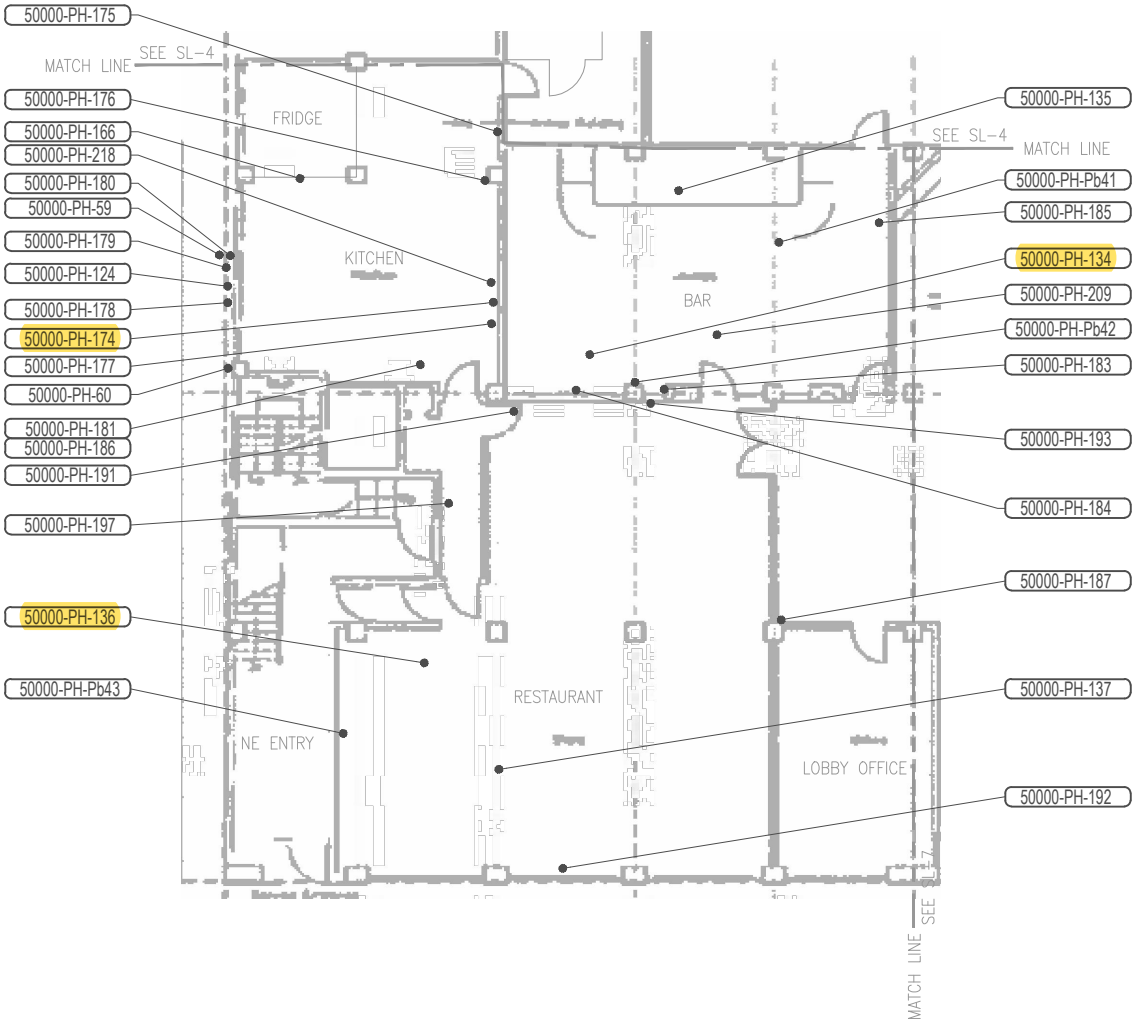
SAMPLE LEGEND

50000-PH-PbXX — BULK LEAD SAMPLE LOCATIONS

50000-PH-XX — BULK ASBESTOS LOCATIONS

SAMPLE NUMBER

JOB NUMBER



MAIN FLOOR - NORTHEAST

NOT TO SCALE

PROJECT NORTH

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INSPECTORS: R PETERSON, E ARROYO

SURVEY DATES: 06/12/17–06/19/17

EHSI PROJECT #: 50000–03

DRAWN BY: DIMALANTA

SCALE: NTS

ISSUE DATE: 08/11/17

MAIN FLOOR
NORTHEAST

SL-6

GENERAL NOTES

1. DRAWING IS SCHEMATIC AND SAMPLE LOCATIONS ARE APPROXIMATE.
2. REFER TO REPORT FOR MORE INFORMATION ABOUT THE SAMPLED MATERIALS.

Highlight	Asbestos Concentration ≥1%
No HL	Asbestos Concentration ≤1%

SAMPLE LEGEND

50000-PH-PbXX — BULK LEAD SAMPLE LOCATIONS

50000-PH-XX — BULK ASBESTOS LOCATIONS

50000-PH-XX
- XX: SAMPLE NUMBER
- 50000-PH-: JOB NUMBER

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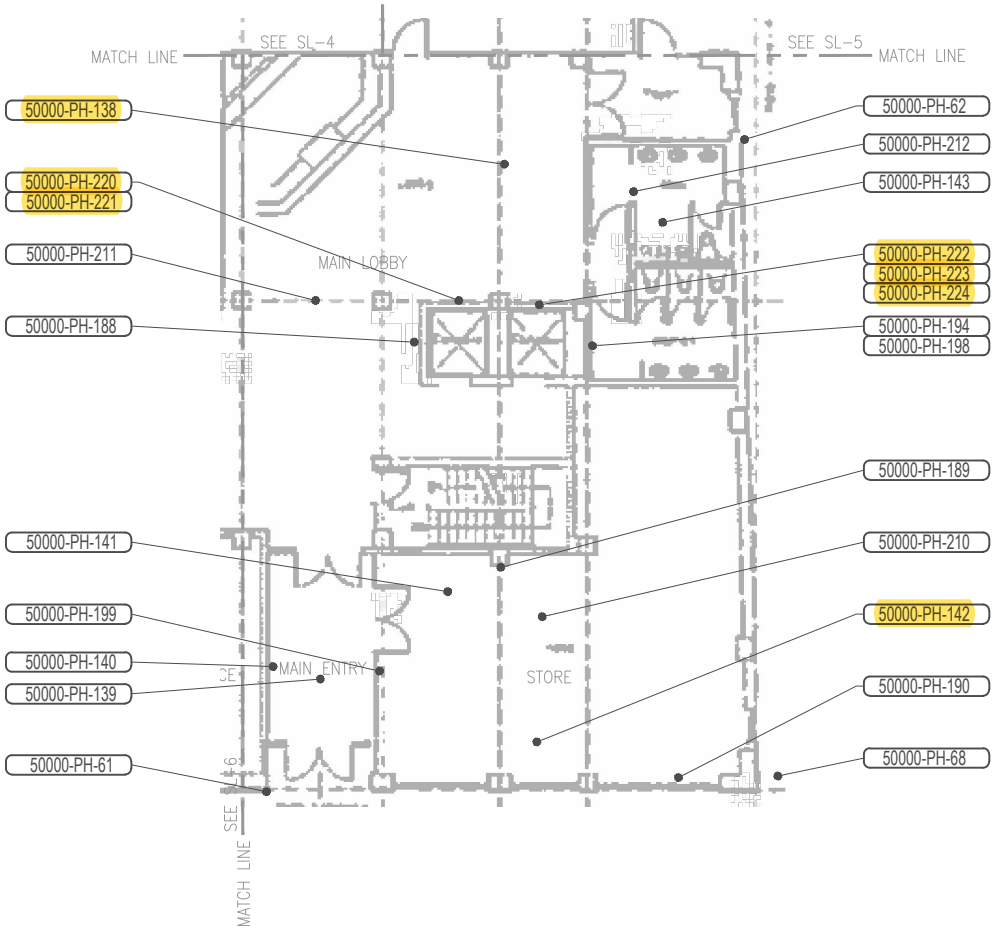

MAIN FLOOR - NORTHWEST

NOT TO SCALE

PROJECT NORTH

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SEATTLE, WA

PROJECT MANAGER: B RACINE
INSPECTORS: R PETERSON, E ARROYO
SURVEY DATES: 06/12/17–06/19/17
EHSI PROJECT #: 50000–03
DRAWN BY: DIMALANTA
SCALE: NTS
ISSUE DATE: 08/11/17

MAIN FLOOR
NORTHWEST

SL-7

GENERAL NOTES

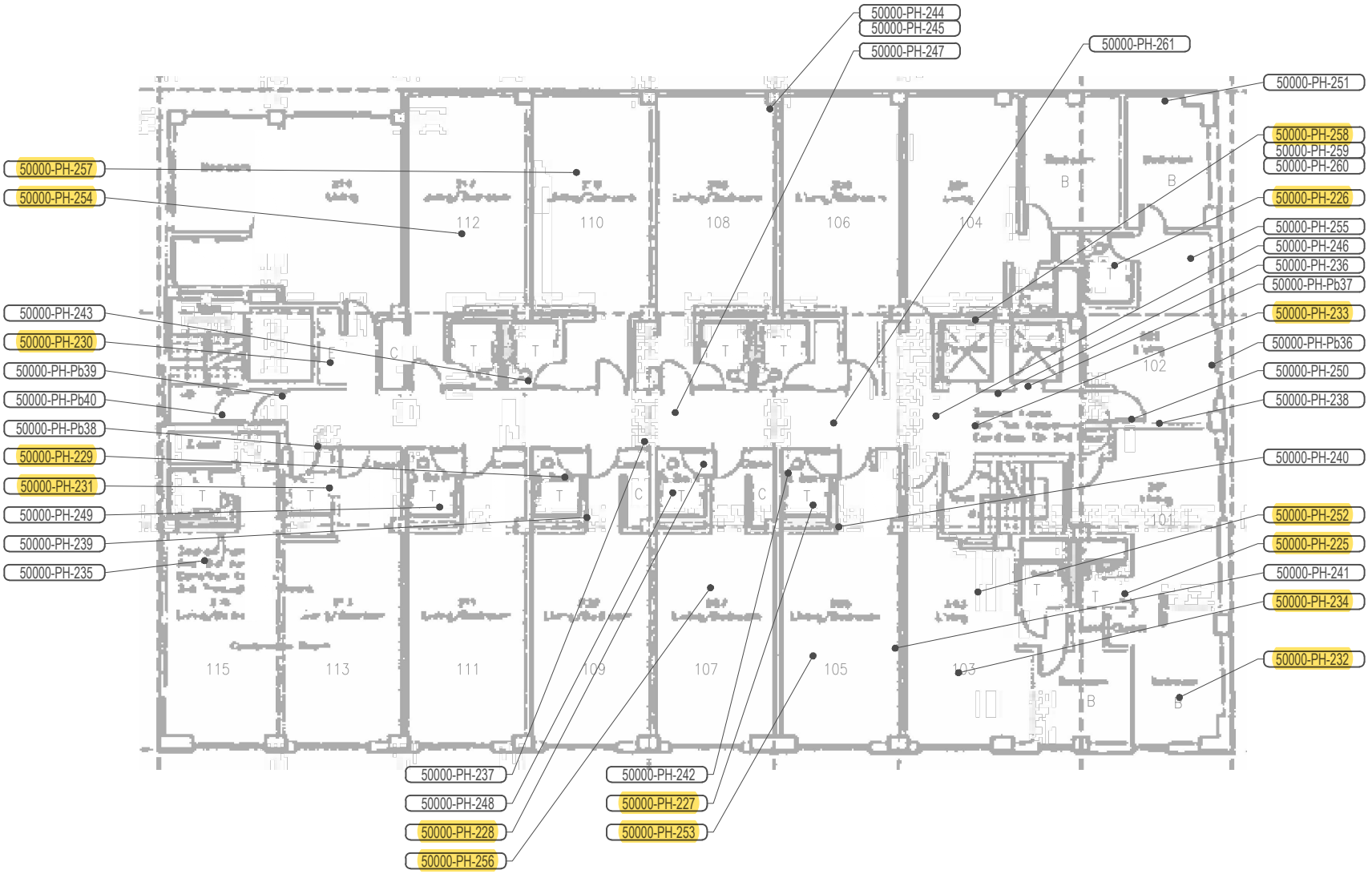
1. DRAWING IS SCHEMATIC AND SAMPLE LOCATIONS ARE APPROXIMATE.
2. REFER TO REPORT FOR MORE INFORMATION ABOUT THE SAMPLED MATERIALS.

Highlight	Asbestos Concentration ≥1%
No HL	Asbestos Concentration ≤1%

SAMPLE LEGEND

50000-PH-PbXX — BULK LEAD SAMPLE LOCATIONS
50000-PH-XX — BULK ASBESTOS LOCATIONS

50000-PH-XX
- SAMPLE NUMBER
- JOB NUMBER



2ND FLOOR

NOT TO SCALE

PROJECT NORTH

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INSPECTORS: R PETERSON, E ARROYO
SURVEY DATES: 06/12/17–06/19/17
EHSI PROJECT #: 50000–03
DRAWN BY: DIMALANTA
SCALE: NTS
ISSUE DATE: 08/11/17

2ND FLOOR

SL-8

GENERAL NOTES

1. DRAWING IS SCHEMATIC AND SAMPLE LOCATIONS ARE APPROXIMATE.
2. REFER TO REPORT FOR MORE INFORMATION ABOUT THE SAMPLED MATERIALS.

Highlight	Asbestos Concentration ≥1%
No HL	Asbestos Concentration ≤1%

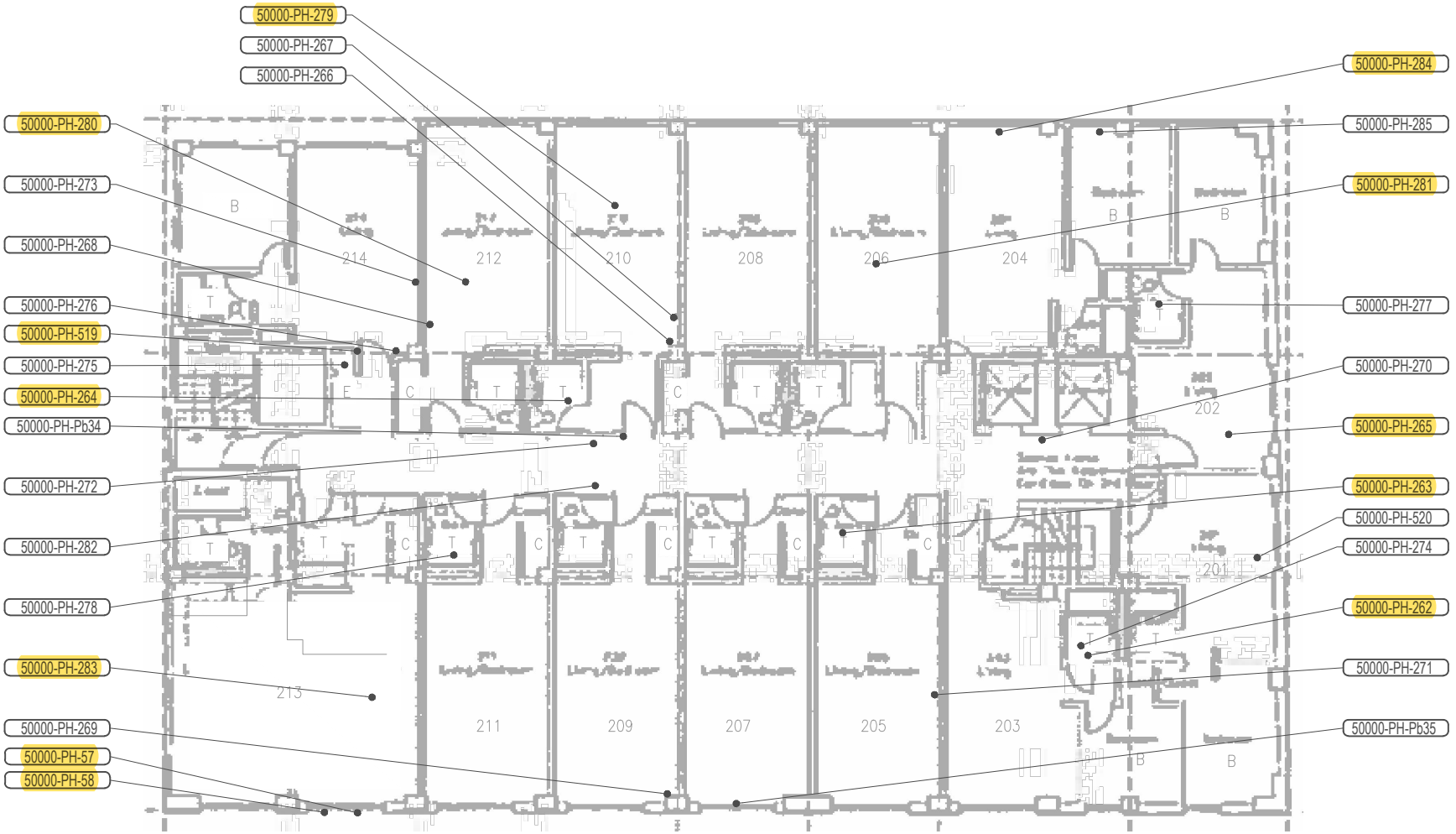
SAMPLE LEGEND

50000-PH-PbXX — BULK LEAD SAMPLE LOCATIONS

50000-PH-XX — BULK ASBESTOS LOCATIONS

SAMPLE NUMBER

JOB NUMBER



3RD FLOOR

NOT TO SCALE

PROJECT NORTH

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INSPECTORS: R PETERSON, E ARROYO
SURVEY DATES: 06/12/17–06/19/17
EHSI PROJECT #: 50000–03
DRAWN BY: DIMALANTA
SCALE: NTS
ISSUE DATE: 08/11/17

3RD FLOOR

SL-9

GENERAL NOTES

1. DRAWING IS SCHEMATIC AND SAMPLE LOCATIONS ARE APPROXIMATE.
2. REFER TO REPORT FOR MORE INFORMATION ABOUT THE SAMPLED MATERIALS.

Highlight	Asbestos Concentration ≥1%
No HL	Asbestos Concentration ≤1%

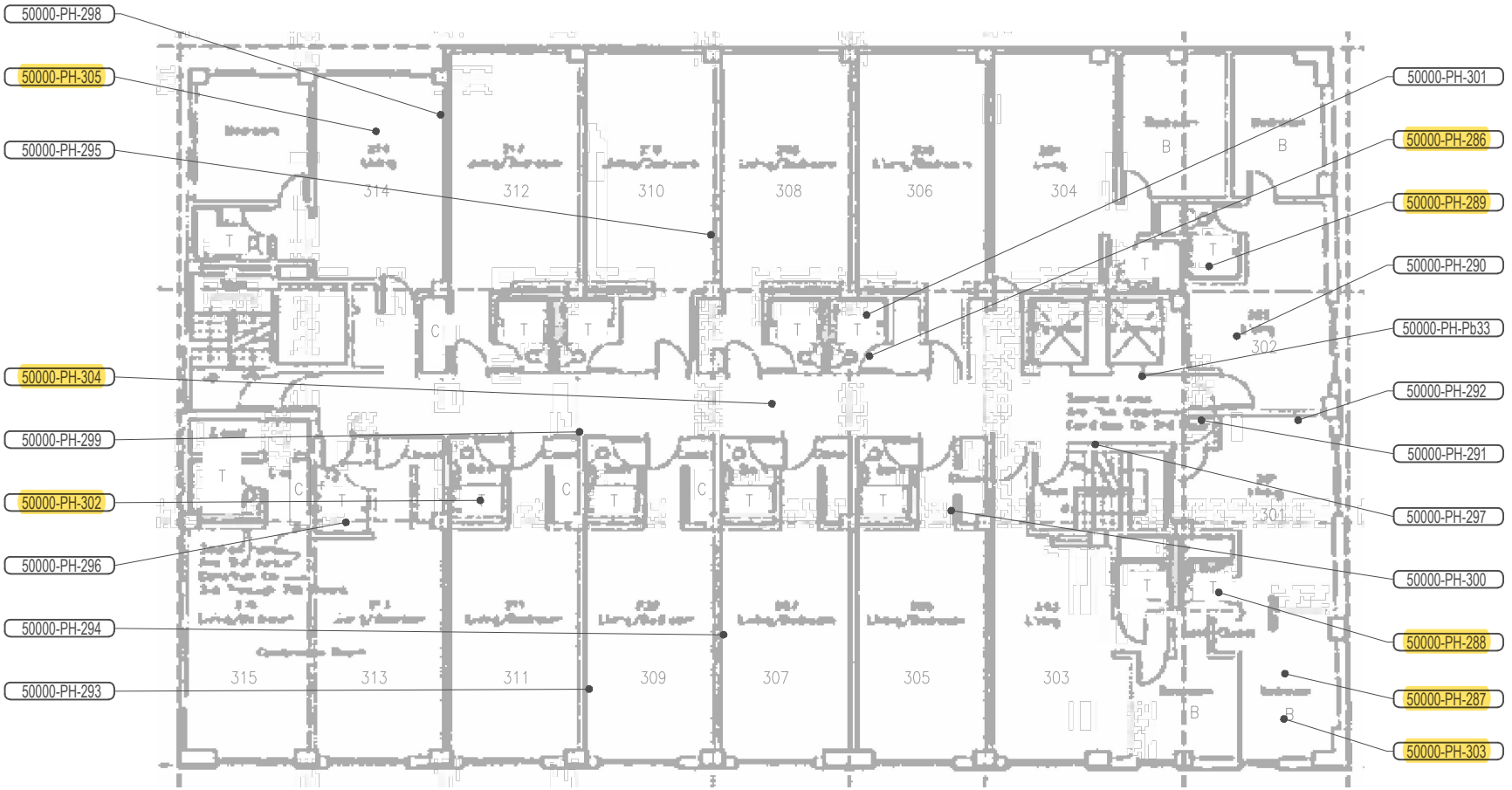
SAMPLE LEGEND

50000-PH-PbXX — BULK LEAD SAMPLE LOCATIONS

50000-PH-XX — BULK ASBESTOS LOCATIONS

SAMPLE NUMBER

JOB NUMBER



4TH FLOOR

NOT TO SCALE

PROJECT NORTH

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INSPECTORS: R PETERSON, E ARROYO

SURVEY DATES: 06/12/17–06/19/17

EHSI PROJECT #: 50000–03

DRAWN BY: DIMALANTA

SCALE: NTS

ISSUE DATE: 08/11/17

4TH FLOOR

SL-10

GENERAL NOTES

1. DRAWING IS SCHEMATIC AND SAMPLE LOCATIONS ARE APPROXIMATE.
2. REFER TO REPORT FOR MORE INFORMATION ABOUT THE SAMPLED MATERIALS.

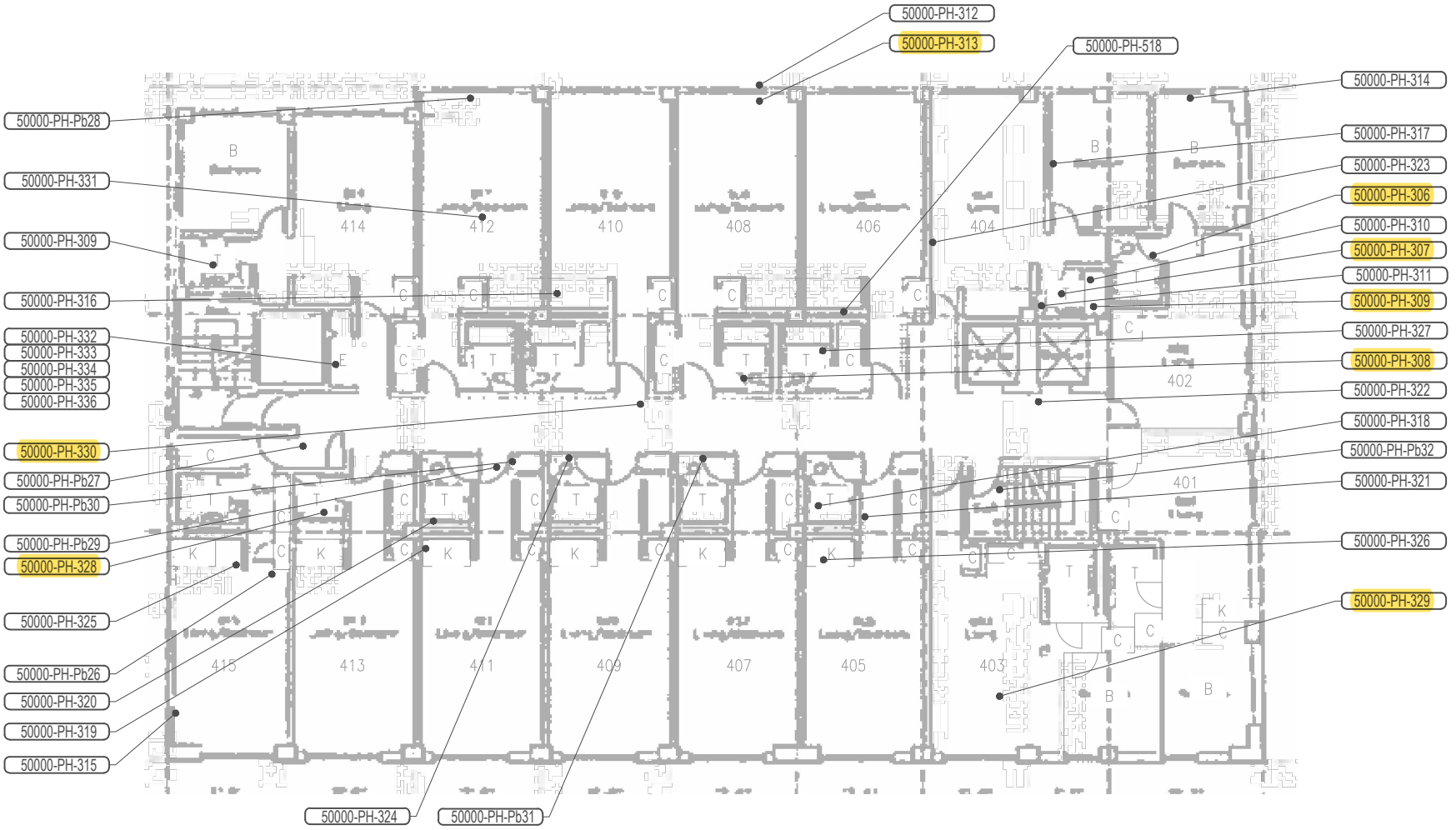
Highlight	Asbestos Concentration ≥1%
No HL	Asbestos Concentration ≤1%

SAMPLE LEGEND

50000-PH-PbXX — BULK LEAD SAMPLE LOCATIONS

50000-PH-XX — BULK ASBESTOS LOCATIONS

- SAMPLE NUMBER
- JOB NUMBER



5TH FLOOR

NOT TO SCALE

PROJECT NORTH

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INSPECTORS: R PETERSON, E ARROYO
SURVEY DATES: 06/12/17–06/19/17
EHSI PROJECT #: 50000–03
DRAWN BY: DIMALANTA
SCALE: NTS
ISSUE DATE: 08/11/17

5TH FLOOR

SL-11

GENERAL NOTES

1. DRAWING IS SCHEMATIC AND SAMPLE LOCATIONS ARE APPROXIMATE.
2. REFER TO REPORT FOR MORE INFORMATION ABOUT THE SAMPLED MATERIALS.

Highlight	Asbestos Concentration ≥1%
No HL	Asbestos Concentration ≤1%

SAMPLE LEGEND

50000-PH-PbXX — BULK LEAD SAMPLE LOCATIONS

50000-PH-XX — BULK ASBESTOS LOCATIONS

SAMPLE NUMBER

JOB NUMBER

6TH FLOOR

NOT TO SCALE

PROJECT NORTH

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EHSI PROJECT #: 50000–03

DRAWN BY: DIMALANTA

SCALE: NTS

ISSUE DATE: 08/11/17

6TH FLOOR

SL-12

GENERAL NOTES

1. DRAWING IS SCHEMATIC AND SAMPLE LOCATIONS ARE APPROXIMATE.
2. REFER TO REPORT FOR MORE INFORMATION ABOUT THE SAMPLED MATERIALS.

Highlight	Asbestos Concentration ≥1%
No HL	Asbestos Concentration ≤1%

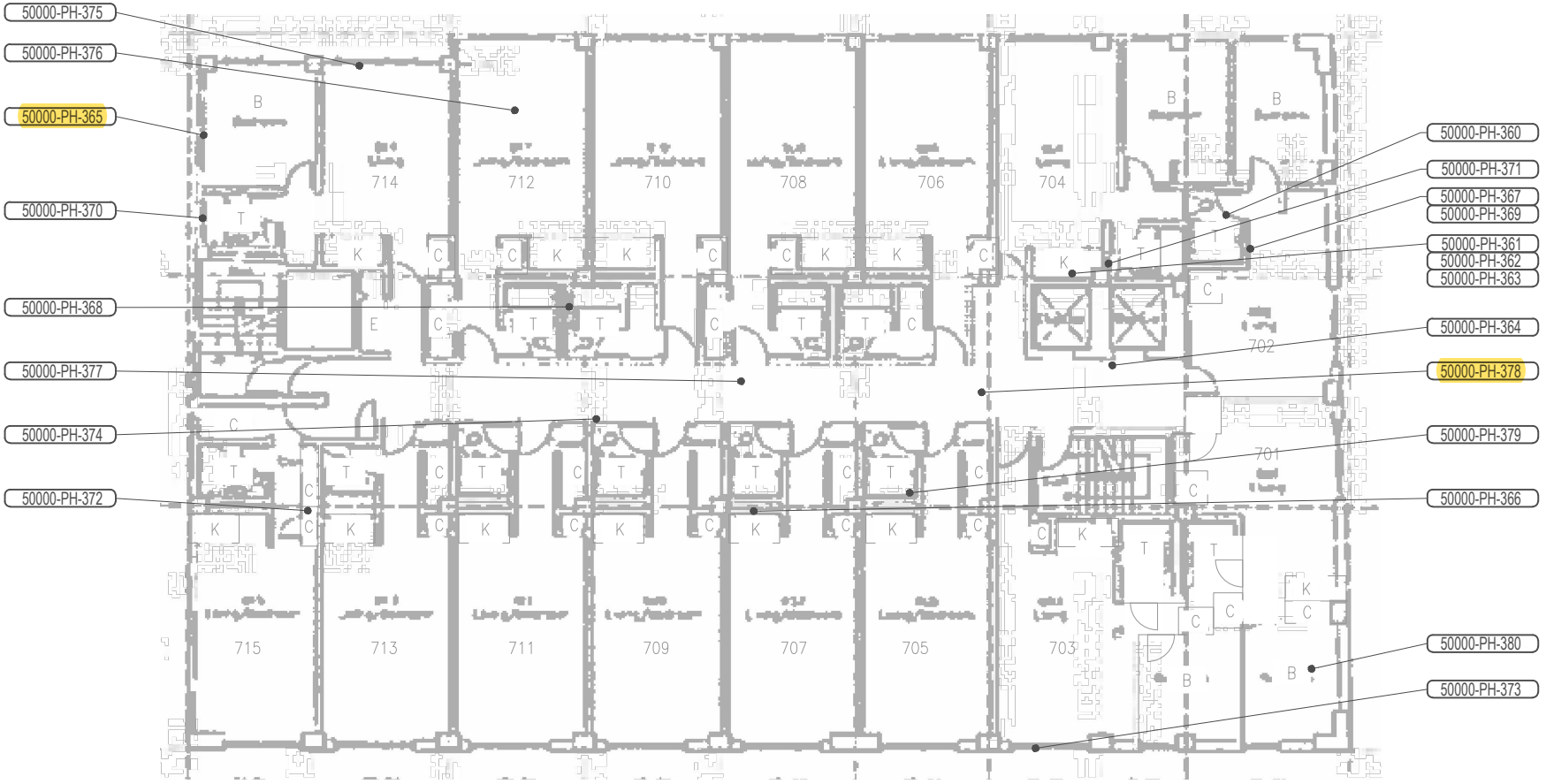
SAMPLE LEGEND

50000-PH-PbXX — BULK LEAD SAMPLE LOCATIONS

50000-PH-XX — BULK ASBESTOS LOCATIONS

SAMPLE NUMBER

JOB NUMBER



7TH FLOOR

NOT TO SCALE

PROJECT NORTH

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Ph: 206.381.1128
Fax: 206.254.4279

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FAIRBANKS, AK

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720 THIRD AVENUE, SUITE 1700
SEATTLE, WA

PROJECT MANAGER: B RACINE

INSPECTORS: R PETERSON, E ARROYO

SURVEY DATES: 06/12/17–06/19/17

EHSI PROJECT #: 50000–03

DRAWN BY: DIMALANTA

SCALE: NTS

ISSUE DATE: 08/11/17

7TH FLOOR

SL-13

GENERAL NOTES

1. DRAWING IS SCHEMATIC AND SAMPLE LOCATIONS ARE APPROXIMATE.
2. REFER TO REPORT FOR MORE INFORMATION ABOUT THE SAMPLED MATERIALS.

Highlight	Asbestos Concentration ≥1%
No HL	Asbestos Concentration ≤1%

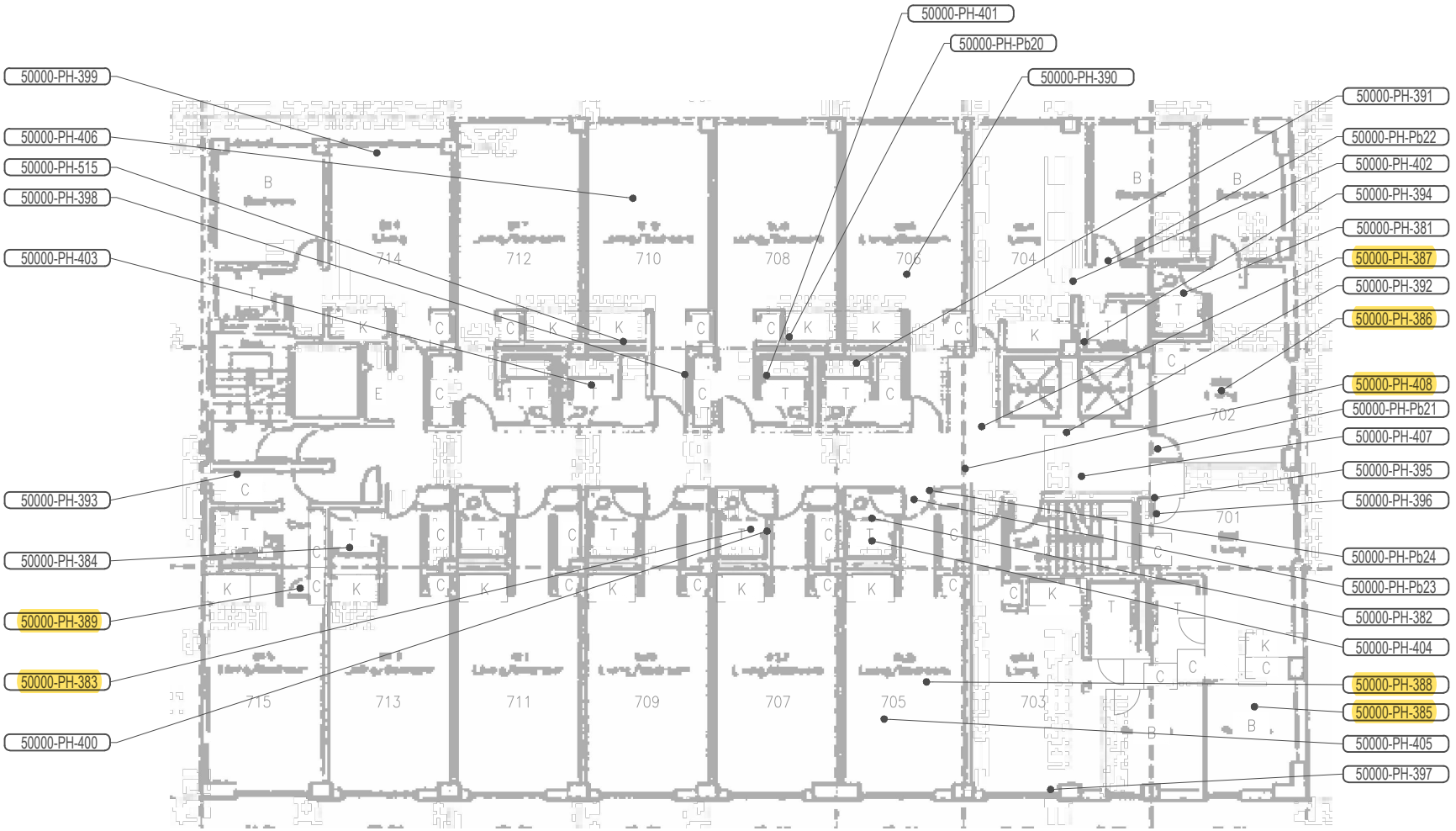
SAMPLE LEGEND

50000-PH-PbXX — BULK LEAD SAMPLE LOCATIONS

50000-PH-XX — BULK ASBESTOS LOCATIONS

SAMPLE NUMBER

JOB NUMBER



8TH FLOOR

NOT TO SCALE

PROJECT NORTH

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720 THIRD AVENUE, SUITE 1700
SEATTLE, WA

PROJECT MANAGER: B RACINE

INSPECTORS: R PETERSON, E ARROYO

SURVEY DATES: 06/12/17–06/19/17

EHSI PROJECT #: 50000–03

DRAWN BY: DIMALANTA

SCALE: NTS

ISSUE DATE: 08/11/17

8TH FLOOR

SL-14

GENERAL NOTES

1. DRAWING IS SCHEMATIC AND SAMPLE LOCATIONS ARE APPROXIMATE.
2. REFER TO REPORT FOR MORE INFORMATION ABOUT THE SAMPLED MATERIALS.

Highlight	Asbestos Concentration ≥1%
No HL	Asbestos Concentration ≤1%

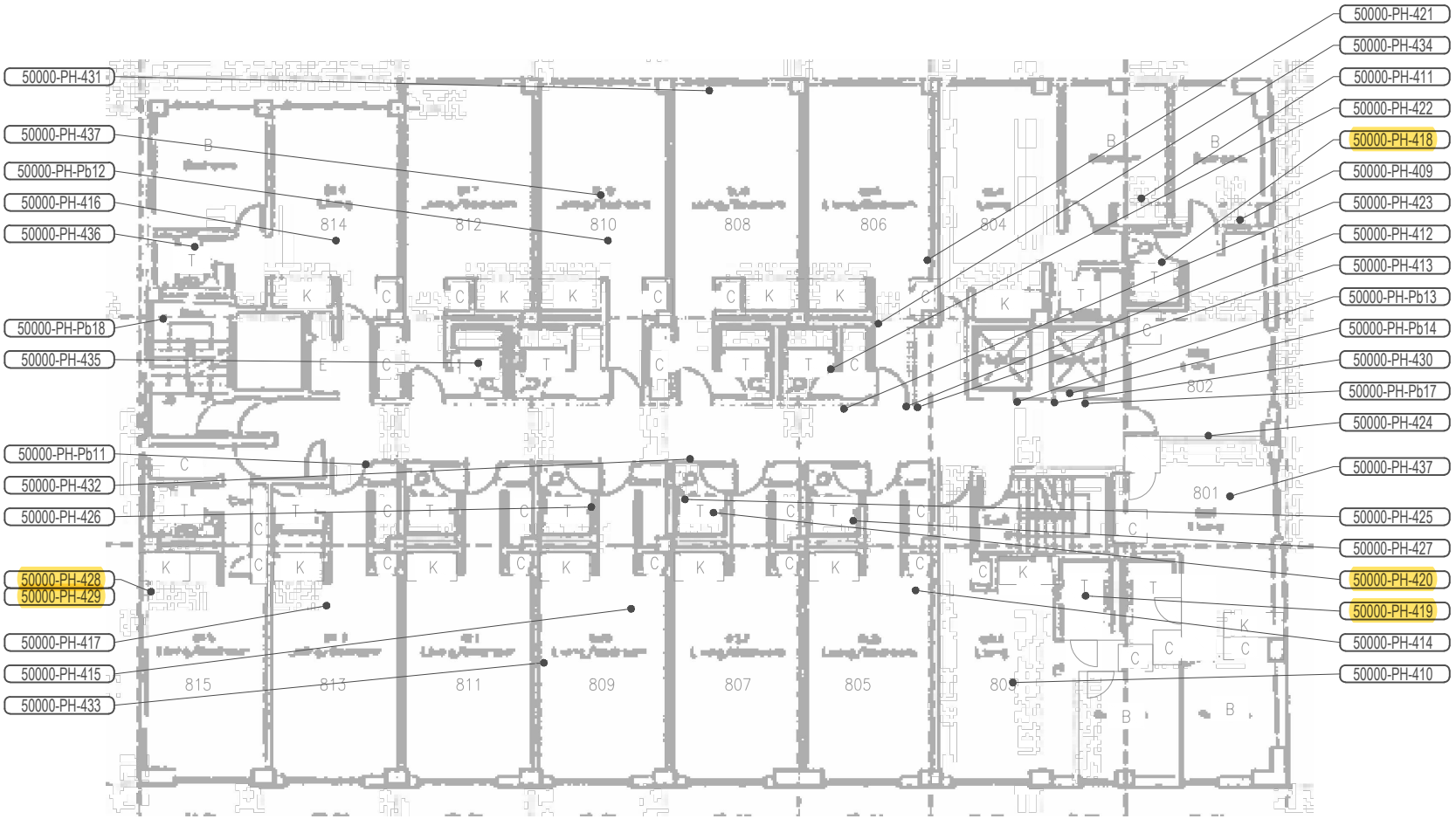
SAMPLE LEGEND

50000-PH-PbXX — BULK LEAD SAMPLE LOCATIONS

50000-PH-XX — BULK ASBESTOS LOCATIONS

SAMPLE NUMBER

JOB NUMBER



9TH FLOOR

NOT TO SCALE

PROJECT NORTH

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SEATTLE, WA

PROJECT MANAGER: B RACINE

INSPECTORS: R PETERSON, E ARROYO

SURVEY DATES: 06/12/17–06/19/17

EHSI PROJECT #: 50000–03

DRAWN BY: DIMALANTA

SCALE: NTS

ISSUE DATE: 08/11/17

9TH FLOOR

SL-15

GENERAL NOTES

1. DRAWING IS SCHEMATIC AND SAMPLE LOCATIONS ARE APPROXIMATE.
2. REFER TO REPORT FOR MORE INFORMATION ABOUT THE SAMPLED MATERIALS.

Highlight	Asbestos Concentration ≥1%
No HL	Asbestos Concentration ≤1%

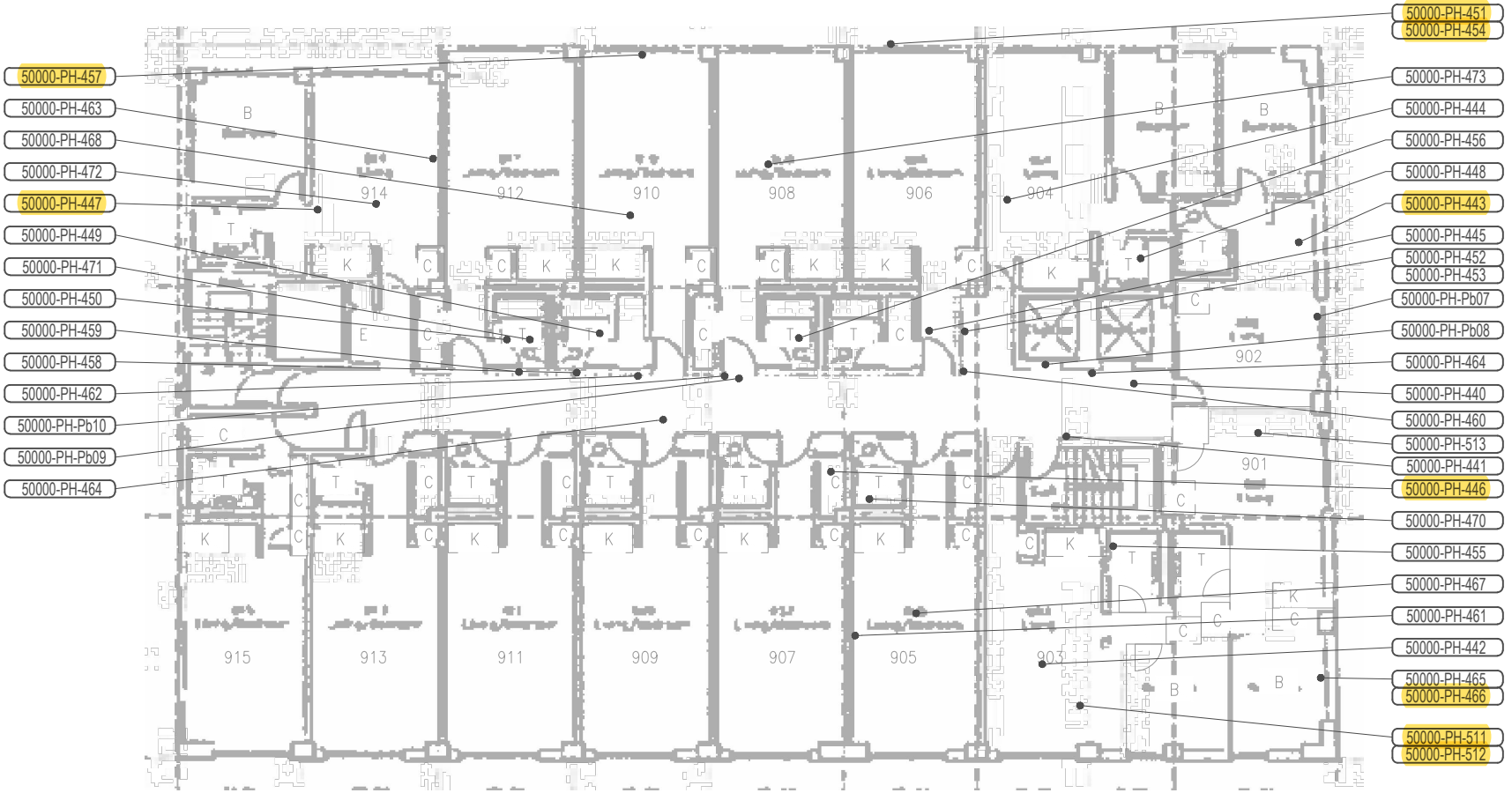
SAMPLE LEGEND

50000-PH-PbXX — BULK LEAD SAMPLE LOCATIONS

50000-PH-XX — BULK ASBESTOS LOCATIONS

SAMPLE NUMBER

JOB NUMBER



10TH FLOOR

NOT TO SCALE

PROJECT NORTH

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1011 SW Klickitat Way, Suite 104
Seattle, Washington 98134
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Fax: 206.254.4279

FORMER POLARIS HOTEL
FAIRBANKS, AK

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SEATTLE, WA

PROJECT MANAGER: B RACINE

INSPECTORS: R PETERSON, E ARROYO

SURVEY DATES: 06/12/17–06/19/17

EHSI PROJECT #: 50000–03

DRAWN BY: DIMALANTA

SCALE: NTS

ISSUE DATE: 08/11/17

10TH FLOOR

SL-16

GENERAL NOTES

1. DRAWING IS SCHEMATIC AND SAMPLE LOCATIONS ARE APPROXIMATE.
2. REFER TO REPORT FOR MORE INFORMATION ABOUT THE SAMPLED MATERIALS.

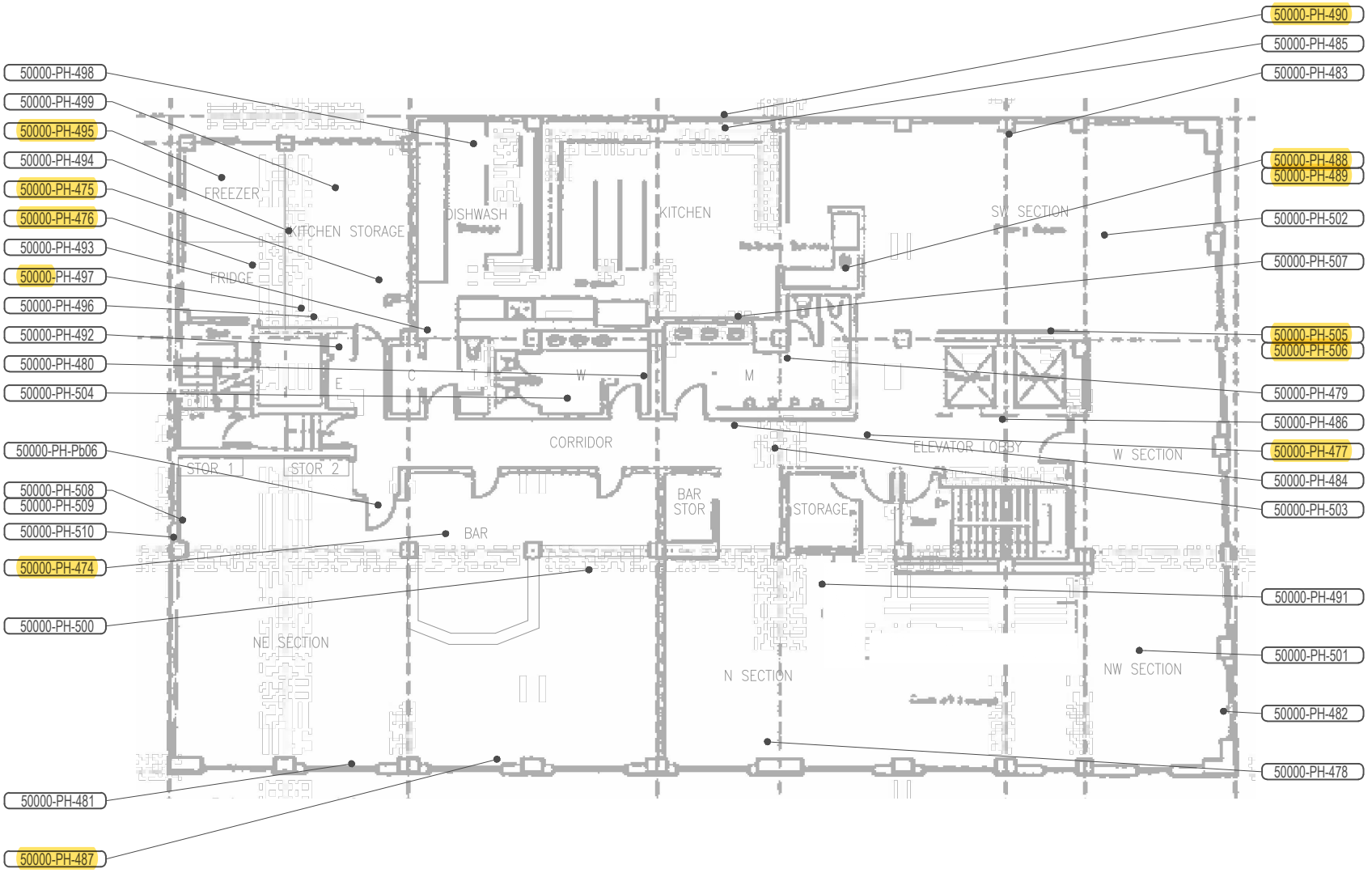
Highlight	Asbestos Concentration ≥1%
No HL	Asbestos Concentration ≤1%

SAMPLE LEGEND

50000-PH-PbXX — BULK LEAD SAMPLE LOCATIONS

50000-PH-XX — BULK ASBESTOS LOCATIONS

50000-PH-XX: XX = SAMPLE NUMBER; 50000 = JOB NUMBER



PENTHOUSE FLOOR

NOT TO SCALE

PROJECT NORTH

EHS-International, Inc.
1011 SW Klickitat Way, Suite 104
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Ph: 206.381.1128
Fax: 206.254.4279

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FAIRBANKS, AK

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720 THIRD AVENUE, SUITE 1700
SEATTLE, WA

PROJECT MANAGER: B RACINE
INSPECTORS: R PETERSON, E ARROYO
SURVEY DATES: 06/12/17–06/19/17
EHSI PROJECT #: 50000–03
DRAWN BY: DIMALANTA
SCALE: NTS
ISSUE DATE: 08/11/17

PENTHOUSE FLOOR

SL-17

GENERAL NOTES

1. DRAWING IS SCHEMATIC AND SAMPLE LOCATIONS ARE APPROXIMATE.
2. REFER TO REPORT FOR MORE INFORMATION ABOUT THE SAMPLED MATERIALS.

Highlight	Asbestos Concentration ≥1%
No HL	Asbestos Concentration ≤1%

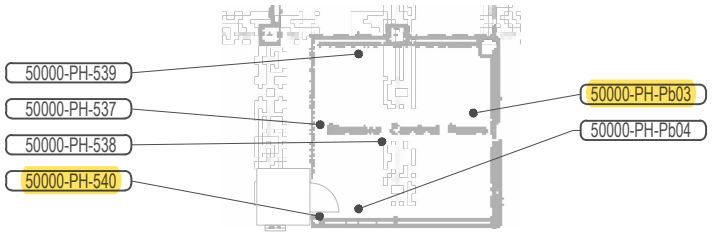
SAMPLE LEGEND

50000-PH-PbXX — BULK LEAD SAMPLE LOCATIONS

50000-PH-XX — BULK ASBESTOS LOCATIONS

SAMPLE NUMBER

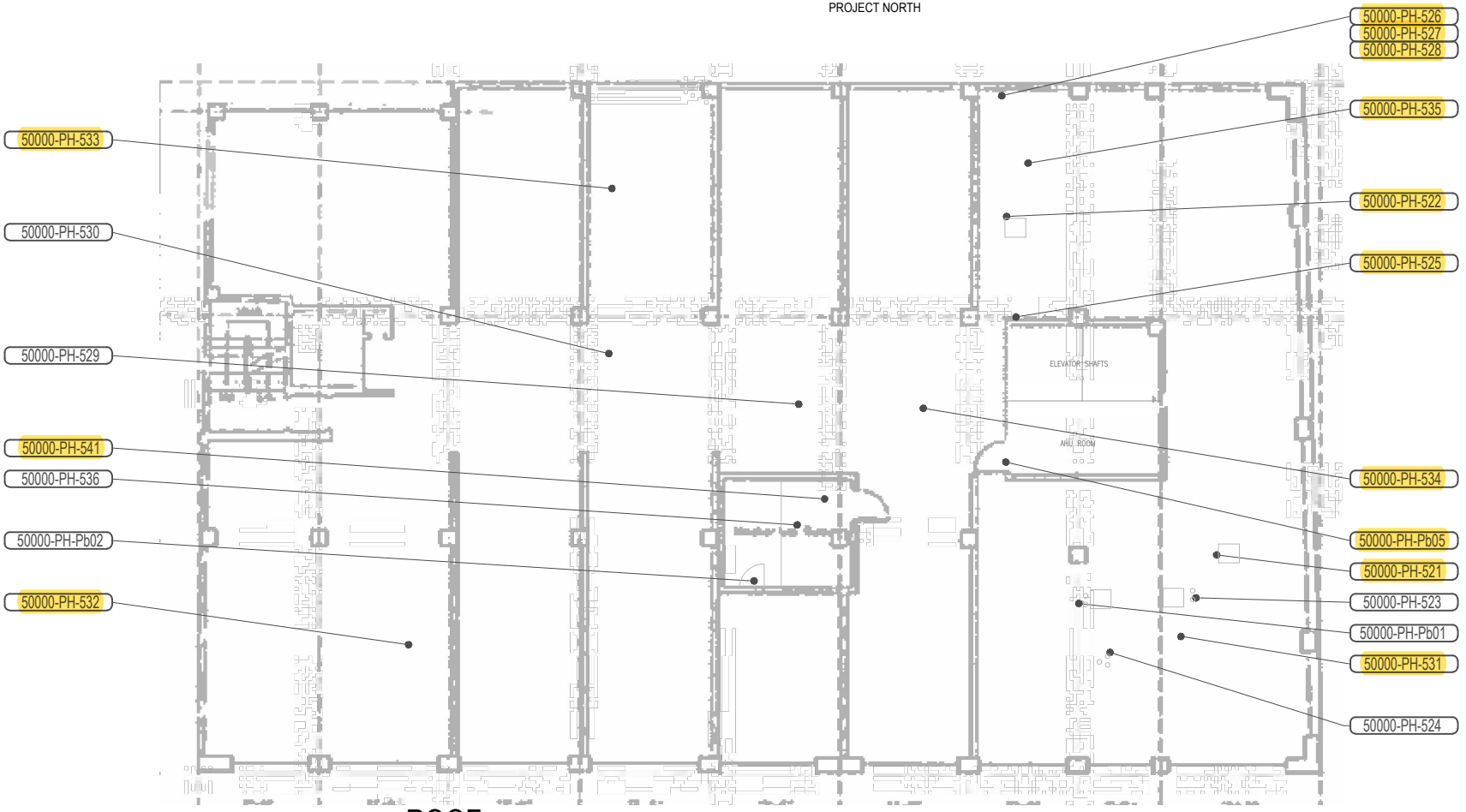
JOB NUMBER



ELEVATOR MACHINE ROOM

NOT TO SCALE

PROJECT NORTH



ROOF

NOT TO SCALE

PROJECT NORTH

EHS-International, Inc.
1011 SW Klickitat Way, Suite 104
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FORMER POLARIS HOTEL
FAIRBANKS, AK

ECOLOGY AND ENVIRONMENT, INC.
720 THIRD AVENUE, SUITE 1700
SEATTLE, WA

PROJECT MANAGER: B RACINE

INSPECTORS: R PETERSON, E ARROYO

SURVEY DATES: 06/12/17–06/19/17

EHSI PROJECT #: 50000–03

DRAWN BY: DIMALANTA

SCALE: NTS

ISSUE DATE: 08/11/17

ROOF & ELEVATOR MACHINE ROOM

SL-18

Highlight	Asbestos Concentration ≥1%
No HL	Asbestos Concentration ≤1%
~~Red Line~~	Sample Location Not in Polaris Tower

TABLE 1
SUMMARY OF ASBESTOS BULK SAMPLING AND ANALYTICAL RESULTS
FORMER POLARIS HOTEL (PH)

SAMPLE NUMBER	SAMPLE LOCATION	MATERIAL DESCRIPTION	ASBESTOS %	TYPE OF ASBESTOS
~~50000-PH-01~~	~~Basement S. Half, Hall 1~~	~~Layer 1: Black carpet pad~~ ~~Layer 2: Trace yellow mastic~~ ~~Layer 3: Tan hard brittle material (on concrete)~~	~~L1: ND~~ ~~L2: ND~~ ~~L3: ND~~	~~N/A~~ ~~N/A~~ ~~N/A~~
~~50000-PH-02~~	~~Basement S. Half, Room B1~~	~~Layer 1: Beige SVF~~ ~~Layer 2: Trace yellow mastic~~ ~~Layer 3: White vinyl backing~~ ~~Layer 4: Gray foam backing~~ ~~Layer 5: Trace beige mastic (on concrete)~~	~~L1: ND~~ ~~L2: ND~~ ~~L3: ND~~ ~~L4: ND~~ ~~L5: ND~~	~~N/A~~ ~~N/A~~ ~~N/A~~ ~~N/A~~ ~~N/A~~
~~50000-PH-03~~	~~Basement S. Half, Room B1~~	~~Layer 1: 4" Brown cove base~~ ~~Layer 2: Tan and brown mastic~~	~~L1: ND~~ ~~L2: ND~~	~~N/A~~ ~~N/A~~
~~50000-PH-03QA~~	~~Basement S. Half, Room B1~~	~~Layer 1: 4" Brown cove base~~ ~~Layer 2: Tan and brown mastic~~	~~L1: ND~~ ~~L2: ND~~	~~N/A~~ ~~N/A~~
~~50000-PH-04~~	~~Basement S. Half, Room B2~~	~~Layer 1: Multicolor carpet~~ ~~Layer 2: White mesh backing~~ ~~Layer 3: Trace yellow/tan mastic~~ ~~Layer 4: Black foam carpet pad (on concrete)~~	~~L1: ND~~ ~~L2: ND~~ ~~L3: ND~~ ~~L4: ND~~	~~N/A~~ ~~N/A~~ ~~N/A~~ ~~N/A~~
~~50000-PH-05~~	~~Basement S. Half, Room 84~~	~~Layer 1: Yellow carpet~~ ~~Layer 2: White woven mesh backing~~ ~~Layer 3: Yellow/tan mastic (on concrete)~~	~~L1: ND~~ ~~L2: ND~~ ~~L3: ND~~	~~N/A~~ ~~N/A~~ ~~N/A~~
~~50000-PH-06~~	~~Basement S. Half, Room 84~~	~~Layer 1: 12"x12" Beige VCT (w/ gray streaks)~~ ~~Layer 2: Beige mastic (on concrete)~~	~~L1: ND~~ ~~L2: ND~~	~~N/A~~ ~~N/A~~
~~50000-PH-07~~	~~Basement S. Half, Room 84~~	~~Layer 1: 4" Beige cove base~~ ~~Layer 2: White/yellow mastic~~	~~L1: ND~~ ~~L2: ND~~	~~N/A~~ ~~N/A~~
~~50000-PH-08*[3]~~	~~Basement S. Half, Hall 1~~	~~Layer 1: Gray texturing skim coat w/ paint~~ ~~Layer 2: Trace white JC w/ paint~~ ~~Layer 3: GWB wall w/ paper (corner)~~	~~L1: 0.5%~~ ~~L2: 0.25%~~ ~~L3: ND~~	~~Chrysotile~~ ~~Chrysotile~~ ~~N/A~~
~~50000-PH-09*[3]~~	~~Basement S. Half, Hall 1~~	~~Layer 1: Gray texturing skim coat w/ paint~~ ~~Layer 2: Tan JC w/ paper~~ ~~Layer 3: GWB wall w/ paper (mid wall)~~	~~L1: 0.5%~~ ~~L2: ND~~ ~~L3: ND~~	~~Chrysotile~~ ~~N/A~~ ~~N/A~~

Highlight	Asbestos Concentration ≥1%
No HL	Asbestos Concentration ≤1%
~~Red Line~~	Sample Location Not in Polaris Tower

TABLE 1
SUMMARY OF ASBESTOS BULK SAMPLING AND ANALYTICAL RESULTS
FORMER POLARIS HOTEL (PH)

SAMPLE NUMBER	SAMPLE LOCATION	MATERIAL DESCRIPTION	ASBESTOS %	TYPE OF ASBESTOS
50000-PH-10*[3]	Basement S. Half, Room B6	Layer 1: Trace off-white texturing skim coat/JC w/ paint Layer 2: White GWB wall w/ paper (corner)	L1: 0.75% L2: ND	Chrysotile N/A
50000-PH-11	Basement S. Half, Room B6	GWB wall w/ paint and paper (mid wall)	ND	N/A
~~50000-PH-12~~	~~Basement S. Half, Hall 1~~	~~Layer 1: Orange/brown spray applied fireproofing Layer 2: Yellow foam fireproofing (on concrete beam)~~	~~L1: ND L2: ND~~	~~N/A N/A~~
~~50000-PH-13~~	~~Basement S. Half, Hall 1~~	~~Orange/brown spray applied fireproofing (overspray on wall)~~	~~ND~~	~~N/A~~
~~50000-PH-14~~	~~Basement S. Half, Room B2~~	~~Layer 1: Orange/brown spray applied fireproofing Layer 2: Yellow foam fireproofing (on metal decking)~~	~~L1: ND L2: ND~~	~~N/A N/A~~
50000-PH-15	Basement S. Half, Room B3	Layer 1: Orange/brown spray applied fireproofing Layer 2: Yellow foam fireproofing (on concrete beam)	L1: ND L2: ND	N/A N/A
~~50000-PH-16~~	~~Basement S. Half, Room B4~~	~~Layer 1: Orange/brown spray applied fireproofing w/ paint Layer 2: Yellow foam fireproofing (on metal decking)~~	~~L1: ND L2: ND~~	~~N/A N/A~~
~~50000-PH-17~~	~~Basement S. Half, Room B5~~	~~Layer 1: Orange/brown spray applied fireproofing Layer 2: Yellow foam fireproofing (on metal decking)~~	~~L1: ND L2: ND~~	~~N/A N/A~~
~~50000-PH-18~~	~~Basement S. Half, Hall 1~~	~~Layer 1: Orange/brown spray applied fireproofing w/ paint Layer 2: Yellow foam fireproofing (on metal decking)~~	~~L1: ND L2: ND~~	~~N/A N/A~~
~~50000-PH-19~~	~~Basement S. Half, Hall 1~~	~~2'x4' SACT w/ white paint (with worm track & pin hole pattern, only found sporadically throughout)~~	~~ND~~	~~N/A~~

Highlight	Asbestos Concentration ≥1%
No HL	Asbestos Concentration ≤1%
~~Red Line~~	Sample Location Not in Polaris Tower

TABLE 1
SUMMARY OF ASBESTOS BULK SAMPLING AND ANALYTICAL RESULTS
FORMER POLARIS HOTEL (PH)

SAMPLE NUMBER	SAMPLE LOCATION	MATERIAL DESCRIPTION	ASBESTOS %	TYPE OF ASBESTOS
~~50000-PH-20~~	**~~Basement S. Half, Room B4~~**	**~~2'x2' White/off-white fibrous flex duct w/ silver paint (on ducting associated with AHUs)~~**	**~~71%~~**	**~~Chrysotile~~**
~~50000-PH-21~~	~~Basement S. Half, Room B4~~	~~Clear yellow caulking (at penetrations into 4'x2'x4' AHU)~~	~~ND~~	~~N/A~~
~~50000-PH-22~~	**~~Basement S. Half, Room B4~~**	**~~Brown/black seam sealant/putty (on 4'x2'x4' AHU)~~**	**~~2%~~**	**~~Chrysotile~~**
~~50000-PH-22QA[X]~~	~~Basement S. Half, Room B4~~	~~Brown/black seam sealant/putty w/ paint and paper (on 4'x2'x4' AHU)~~	~~ND~~	~~N/A~~
~~50000-PH-23~~	~~Basement S. Half, Room B2~~	~~Layer 1: Silver foil~~ ~~Layer 2: Brown/tan paper vapor barrier w/ black mastic~~ ~~Layer 3: Pink fiberglass batt insulation (in walls)~~	~~L1: ND~~ ~~L2: ND~~ ~~L3: ND~~	~~N/A~~ ~~N/A~~ ~~N/A~~
~~50000-PH-24*[3]~~	~~Basement S. Half, Room B2~~	~~Layer 1: Gray/beige penetration sealant~~ ~~Layer 2: Gray caulking (at 6" OD pipe penetration through wall)~~	~~L1: 0.5%~~ ~~L2: ND~~	~~Chrysotile~~ ~~N/A~~
~~50000-PH-25~~	~~Basement S. Half, Room B4~~	~~Gray CMU and mortar w/ paint~~	~~ND~~	~~N/A~~
~~50000-PH-26~~	~~Basement S. Half, Hall 1~~	~~Beige pipe dope (on sprinkler pipe fittings)~~	~~ND~~	~~N/A~~
~~50000-PH-27~~	~~Basement S. Half, Hall 1~~	~~Layer 1: Silver foil~~ ~~Layer 2: Black paper wrap w/ yellow mastic (on fiberglass insulation)~~	~~L1: ND~~ ~~L2: ND~~	~~N/A~~ ~~N/A~~
~~50000-PH-28~~	~~Basement S. Half, Hall 1~~	~~SB[1] White/tan hard mudded elbow TSI w/ woven wrap (on metal pipe)~~	~~ND~~	~~N/A~~
~~50000-PH-29~~	~~Basement S. Half, Room B1~~	~~SB[1] White hard mudded elbow TSI w/ woven wrap (on metal pipe)~~	~~ND~~	~~N/A~~
~~50000-PH-30~~	~~Basement S. Half, Room B1~~	~~SB[1] White/brown hard mudded elbow TSI w/ woven wrap (on metal pipe)~~	~~ND~~	~~N/A~~
~~50000-PH-31~~	~~Basement S. Half, Hall 1~~	~~SB[1] White hard mudded elbow TSI w/ woven wrap (different insulation on metal pipe)~~	~~ND~~	~~N/A~~

Highlight	Asbestos Concentration ≥1%
No HL	Asbestos Concentration ≤1%
~~Red Line~~	Sample Location Not in Polaris Tower

TABLE 1
SUMMARY OF ASBESTOS BULK SAMPLING AND ANALYTICAL RESULTS
FORMER POLARIS HOTEL (PH)

SAMPLE NUMBER	SAMPLE LOCATION	MATERIAL DESCRIPTION	ASBESTOS %	TYPE OF ASBESTOS
~~50000-PH-32~~	~~Basement S. Half, Hall 1~~	~~SB[1] White/tan hard mudded elbow TSI w/ woven wrap (different insulation on metal pipe)~~	~~ND~~	~~N/A~~
~~50000-PH-33~~	~~Basement S. Half, Room B1~~	~~SB[1] White/tan hard mudded elbow TSI w/ woven wrap (different insulation on metal pipe)~~	~~ND~~	~~N/A~~
~~50000-PH-34~~	~~Basement S. Half, Room BM1~~	~~Black/off-white hatch seam sealant (in air duct)~~	~~ND~~	~~N/A~~
~~50000-PH-35~~	~~Basement S. Half, Room BM1~~	~~2'x3' black rubber flex duct w/ white woven center~~	~~ND~~	~~N/A~~
~~50000-PH-36~~	~~Basement S. Half, Room BM1~~	~~Layer 1: Black duct insulation~~ ~~Layer 2: Yellow mastic (in 2'x2' metal ducts)~~	~~L1: ND~~ ~~L2: ND~~	~~N/A~~ ~~N/A~~
~~50000-PH-37~~	~~Basement S. Half, Room BM1~~	~~Layer 1: Black and yellow duct insulation~~ ~~Layer 2: Red mastic (in 2'x3'x6' AHU)~~	~~L1: ND~~ ~~L2: ND~~	~~N/A~~ ~~N/A~~
~~50000-PH-38~~	~~Basement S. Half, Room BM1~~	~~Black/brown rubber AHU motor belts~~	~~ND~~	~~N/A~~
~~50000-PH-39~~	~~Basement S. Half, Hall 1~~	~~Brown/tan powdery fire door core~~	~~ND~~	~~N/A~~
~~50000-PH-40~~	~~Basement S. Half, Hall 1~~	~~Yellow fiberglass fire door core~~	~~ND~~	~~N/A~~
~~**50000-PH-41**~~	~~**Basement S. Half, Room BM2**~~	~~**Black AHU seam sealant (on 3'x6'x6' AHU)**~~	~~**2%**~~	~~**Chrysotile**~~
~~50000-PH-42~~	~~Basement S. Half, Room BM2~~	~~White AHU seam sealant (on side of 3'x6'x6' AHU)~~	~~ND~~	~~N/A~~
~~50000-PH-43~~	~~Basement S. Half, Room BM2~~	~~4" OD Black/brown pipe flange gasket (on pipes to 3'x6'x6' AHU)~~	~~ND~~	~~N/A~~
~~**50000-PH-44**~~	~~**Basement S. Half, Room BM2**~~	~~**Black AHU seam sealant (on 2.5'x5'x5' AHU)**~~	~~**2%**~~	~~**Chrysotile**~~
~~50000-PH-45~~	~~Basement S. Half, Room BM2~~	~~2'x2' Black rubber flex ducts w/ white fibrous center (on 3'x6'x6' & 2.5'x5'x5' AHUs)~~	~~ND~~	~~N/A~~

Highlight	Asbestos Concentration ≥1%
No HL	Asbestos Concentration ≤1%
~~Red Line~~	Sample Location Not in Polaris Tower

TABLE 1
SUMMARY OF ASBESTOS BULK SAMPLING AND ANALYTICAL RESULTS
FORMER POLARIS HOTEL (PH)

SAMPLE NUMBER	SAMPLE LOCATION	MATERIAL DESCRIPTION	ASBESTOS %	TYPE OF ASBESTOS
~~50000-PH-46*[3]~~	~~Basement S. Half, Room BM2~~	~~Off-white/beige/white duct sealant/caulking (at duct connection to AHUs and flex ducts)~~	~~0.75%~~	~~Chrysotile~~
~~50000-PH-47~~	~~Basement S. Half, Room BM2~~	~~Layer 1: Yellow fiberglass insulation~~ ~~Layer 2: Red mastic (inside both AHUs)~~	~~L1: ND~~ ~~L2: ND~~	~~N/A~~ ~~N/A~~
~~50000-PH-48*[3]~~	~~Basement S. Half, Room BM2~~	~~Off-white/beige/white duct sealant/caulking (on all duct and wall seams in room)~~	~~0.75%~~	~~Chrysotile~~
~~**50000-PH-49**~~	~~**Basement S. Half, Room BM3**~~	~~**4"x6" Gray regulator gasket (on piping to heater)**~~	~~**7%**~~	~~**Chrysotile**~~
~~50000-PH-50~~	~~Basement S. Half, Room BM3~~	~~White/tan remnant hard mudded TSI w/ woven wrap (at end of fiberglass TSI section)~~	~~ND~~	~~N/A~~
~~50000-PH-51~~	~~Basement S. Half, Room BM3~~	~~White remnant hard mudded TSI w/ woven wrap (on large 1' OD pipe section)~~	~~ND~~	~~N/A~~
~~50000-PH-52~~	~~Basement S. Half, Room BM3~~	~~Layer 1: Silver foil~~ ~~Layer 2: White fibrous woven wrap~~ ~~Layer 3: Brown fiberglass insulation (on metal piping)~~	~~L1: ND~~ ~~L2: ND~~ ~~L3: ND~~	~~N/A~~ ~~N/A~~ ~~N/A~~
~~50000-PH-53~~	~~Basement S. Half, Room BM3~~	~~Layer 1: Silver foil~~ ~~Layer 2: Brown/tan paper vapor barrier w/ black mastic~~ ~~Layer 3: Pink fiberglass batt insulation (in walls)~~	~~L1: ND~~ ~~L2: ND~~ ~~L3: ND~~	~~N/A~~ ~~N/A~~ ~~N/A~~
~~50000-PH-54*[3]~~	~~Basement S. Half, Room BM3~~	~~Layer 1: Beige/tan caulking~~ ~~Layer 2: Brown paper (on wood supports for heaters, 2'x6')~~	~~L1: 0.25%~~ ~~L2: ND~~	~~Chrysotile~~ ~~N/A~~

Highlight	Asbestos Concentration ≥1%
No HL	Asbestos Concentration ≤1%
~~Red Line~~	Sample Location Not in Polaris Tower

TABLE 1
SUMMARY OF ASBESTOS BULK SAMPLING AND ANALYTICAL RESULTS
FORMER POLARIS HOTEL (PH)

SAMPLE NUMBER	SAMPLE LOCATION	MATERIAL DESCRIPTION	ASBESTOS %	TYPE OF ASBESTOS
~~**50000-PH-55**~~	~~**Basement S. Half, SW Stairwell**~~	~~**Layer 1: Troweled on texturing skim coat w/ paper**~~	~~**L1: 3%**~~	~~**Chrysotile**~~
		~~Layer 2: GWB wall~~	~~L2: ND~~	~~N/A~~
		~~**Layer 3: Black mastic**~~	~~**L3: 3%**~~	~~**Chrysotile**~~
		~~Layer 4: Green foam wall insulation~~	~~L4: ND~~	~~N/A~~
		~~**Layer 5: Black mastic**~~	~~**L5: 3%**~~	~~**Chrysotile**~~
		~~Layer 6: Green foam wall insulation~~	~~L6: ND~~	~~N/A~~
		~~**Layer 7: Black mastic**~~	~~**L7: 3%**~~	~~**Chrysotile**~~
		~~Layer 8: Green foam debris (on concrete wall)~~	~~L8: ND~~	~~N/A~~
~~**50000-PH-56**~~	~~**Basement S. Half, SE Stairwell**~~	~~**Layer 1: Troweled on texturing skim coat w/ paper**~~	~~**L1: 3%**~~	~~**Chrysotile**~~
		~~Layer 2: GWB wall~~	~~L2: ND~~	~~N/A~~
		~~**Layer 3: Black mastic**~~	~~**L3: 3%**~~	~~**Chrysotile**~~
		~~Layer 4: Green foam wall insulation~~	~~L4: ND~~	~~N/A~~
		~~Layer 5: Off-white paint~~	~~L5: ND~~	~~N/A~~
		~~**Layer 6: Greenish gray mastic**~~	~~**L6: 2%**~~	~~**Chrysotile**~~
		~~Layer 7: Green foam wall insulation (w/ **greenish gray mastic** on concrete wall)~~	~~L7: ND~~	~~N/A~~
50000-PH-56QA[X]	**Basement S. Half, SE Stairwell**	Layer 1: Greenish gray mastic	L1: ND	N/A
		Layer 2: Green foam wall insulation	L2: ND	N/A
		Layer 3: Greenish gray mastic	**L3: 4%**	**Chrysotile**
		Layer 4: Tan troweled on texturing skim coat	**L4: 3%**	**Chrysotile**
		Layer 5: Tan GWB wall w/ paper	L5: ND	N/A
		(Note: Layers in QA are mixed up and not in original order, there was also no black mastic identified by NVL)		
50000-PH-57	**Exterior, 3rd Floor, N. Side**	**Brown window frame caulking w/ paint (at base of 7'x3.5' & 3.5'x3.5' wood-framed windows)**	**17%**	**Chrysotile**

Highlight	Asbestos Concentration ≥1%
No HL	Asbestos Concentration ≤1%
~~Red Line~~	Sample Location Not in Polaris Tower

TABLE 1
SUMMARY OF ASBESTOS BULK SAMPLING AND ANALYTICAL RESULTS
FORMER POLARIS HOTEL (PH)

SAMPLE NUMBER	SAMPLE LOCATION	MATERIAL DESCRIPTION	ASBESTOS %	TYPE OF ASBESTOS
50000-PH-58	**Exterior, 3rd Floor, N. Side**	**Off-white/beige window frame caulking w/ paint (on sides of 7'x3.5' & 3.5'x3.5' wood-framed windows)**	**3%**	**Chrysotile**
50000-PH-59	Exterior, Main Floor, E. Side	Orange/yellow foam penetration sealant (in 4"-8" holes in concrete wall)	ND	N/A
50000-PH-60	Exterior, Main Floor, E. Side	Gray concrete wall seam sealant w/ paint	ND	N/A
50000-PH-61	Exterior, Main Floor, N. Side	Gray mortar (between rocks in wall)	ND	N/A
50000-PH-62	Exterior, Main Floor, W. Side	Gray mortar (between rocks in wall)	ND	N/A
50000-PH-63	Exterior, Main Floor, W. Side	Layer 1: Red brick Layer 2: Red mortar	L1: ND L2: ND	N/A N/A
50000-PH-64	Exterior, Main Floor, S. Side	Layer 1: Red brick Layer 2: Red mortar	L1: ND L2: ND	N/A N/A
50000-PH-65	Exterior, Main Floor, SW Corner	Layer 1: White/beige JC w/ paper Layer 2: Pink GWB soffit w/ paper (edge)	L1: ND L2: ND	N/A N/A
50000-PH-66	Exterior, Main Floor, SW Corner	Pink GWB soffit w/ paint and paper (mid soffit)	ND	N/A
50000-PH-67	Exterior, Main Floor, S. Side	Pink GWB soffit w/ paint and paper (mid soffit)	ND	N/A
50000-PH-68	Exterior, Main Floor, NW Corner	Gray sidewalk seam sealant w/ black paint	ND	N/A
50000-PH-69	Exterior, Main Floor, S. Side	Brown fibrous sidewalk seam sealant w/ paint (also between sidewalk & building)	ND	N/A
50000-PH-70	Basement N. Half, Hall 3	Layer 1: Gray slate floor (painted red) Layer 2: Tan/yellow mastic (on painted concrete)	L1: ND L2: ND	N/A N/A

Highlight	Asbestos Concentration ≥1%
No HL	Asbestos Concentration ≤1%
~~Red Line~~	Sample Location Not in Polaris Tower

TABLE 1
SUMMARY OF ASBESTOS BULK SAMPLING AND ANALYTICAL RESULTS
FORMER POLARIS HOTEL (PH)

SAMPLE NUMBER	SAMPLE LOCATION	MATERIAL DESCRIPTION	ASBESTOS %	TYPE OF ASBESTOS
50000-PH-71	Basement N. Half, Room B9b	Layer 1: 2"x2" Red ceramic floor tiles Layer 2: Off-white grout w/ gray mortar Layer 3: Brown mastic (on concrete)	L1: ND L2: ND L3: ND	N/A N/A N/A
50000-PH-72	Basement N. Half, Room B9a	Layer 1: 12"x12" Red VCT Layer 2: Beige mastic Layer 3: Trace red paint (on concrete)	L1: ND L2: ND L3: ND	N/A N/A N/A
50000-PH-73	Basement N. Half, Room B9a	Layer 1: 12"x12" Black VCT Layer 2: Beige mastic Layer 3: Trace red paint (on concrete)	L1: ND L2: ND L3: ND	N/A N/A N/A
50000-PH-74	**Basement N. Half, Room B9a**	Layer 1: Beige SVF (w/ small broken rock pattern) **Layer 2: Gray paper backing w/ tan mastic** Layer 3: Red paint (on concrete)	L1: ND **L2: 50%** L3: ND	N/A **Chrysotile** N/A
50000-PH-74QA[X]	**Basement N. Half, Room B9a**	Layer 1: Beige SVF (w/ small broken rock pattern) **Layer 2: Gray paper backing w/ tan mastic w/ red paint**	L1: ND **L2: 52%**	N/A **Chrysotile**
50000-PH-75	Basement N. Half, Room B10b	Layer 1: 4"x8" Red ceramic floor tiles Layer 2: Gray grout Layer 3: Off-white mortar (on concrete)	L1: ND L2: ND L3: ND	N/A N/A N/A
50000-PH-76	Basement N. Half, Room B10	Layer 1: Concrete slab Layer 2: Black asphaltic tar Layer 3: Black asphaltic vapor barrier (under concrete slab)	L1: ND L2: ND L3: ND	N/A N/A N/A
50000-PH-77	Basement N. Half, Room B10	Layer 1: Concrete slab Layer 2: Black asphaltic tar Layer 3: Black asphaltic vapor barrier (under concrete slab)	L1: ND L2: ND L3: ND	N/A N/A N/A
50000-PH-78	Basement N. Half, Room B12	Layer 1: Concrete slab Layer 2: Black asphaltic tar Layer 3: Black asphaltic vapor barrier (under concrete slab)	L1: ND L2: ND L3: ND	N/A N/A N/A
50000-PH-79	Basement N. Half, Hall 3	Layer 1: White texturing skim coat w/ joint tape w/ paint Layer 2: GWB wall w/ paper (corner)	L1: ND L2: ND	N/A N/A

Highlight	Asbestos Concentration ≥1%
No HL	Asbestos Concentration ≤1%
~~Red Line~~	Sample Location Not in Polaris Tower

TABLE 1
SUMMARY OF ASBESTOS BULK SAMPLING AND ANALYTICAL RESULTS
FORMER POLARIS HOTEL (PH)

SAMPLE NUMBER	SAMPLE LOCATION	MATERIAL DESCRIPTION	ASBESTOS %	TYPE OF ASBESTOS
50000-PH-80	Basement N. Half, Hall 3	Layer 1: White texturing skim coat w/ paint Layer 2: GWB wall w/ paper (mid wall)	L1: ND L2: ND	N/A N/A
50000-PH-81	Basement N. Half, Room B10	Layer 1: White texturing skim coat w/ paint Layer 2: GWB wall w/ paper (mid wall)	L1: ND L2: ND	N/A N/A
50000-PH-82	Basement N. Half, Room B9b	Layer 1: White troweled-on texturing skim coat w/ paint and paper Layer 2: White joint tape Layer 3: Brown GWB wall w/ paper (corner)	L1: ND L2: ND L3: ND	N/A N/A N/A
50000-PH-83	Basement N. Half, Room B9b	Layer 1: White troweled-on texturing skim coat w/ paint and paper Layer 2: Brown GWB wall w/ paper (mid wall)	L1: ND L2: ND	N/A N/A
50000-PH-84	Basement N. Half, Room B9a	Layer 1: White troweled-on texturing skim coat w/ paint and paper Layer 2: White joint tape Layer 3: Brown GWB wall w/ paper (at wall seam)	L1: ND L2: ND L3: ND	N/A N/A N/A
50000-PH-85	Basement N. Half, Room B9a	Tan JC w/ paint on joint tape on GWB paper (ceiling edge)	ND	N/A
50000-PH-86	Basement N. Half, Room B9b	Layer 1: White skim coat w/ paint and paper Layer 2: Brown GWB ceiling w/ paper (mid ceiling)	L1: ND L2: ND	N/A N/A
50000-PH-87	Basement N. Half, Room B9b	Layer 1: White skim coat w/ paint and paper Layer 2: Brown GWB ceiling w/ paper (mid ceiling)	L1: ND L2: ND	N/A N/A
50000-PH-88	Basement N. Half, Room BM4	Orange/brown fibrous spray-on fireproofing	ND	N/A
50000-PH-89	**Basement N. Half, Room BM4**	**Layer 1: White mag TSI (on 6' dia. x 15' tank)** Layer 2: Beige/brown cloth wrap	**L1: 5% 3%** L2: ND	**Chrysotile Amosite** N/A

Highlight	Asbestos Concentration ≥1%
No HL	Asbestos Concentration ≤1%
~~Red Line~~	Sample Location Not in Polaris Tower

TABLE 1
SUMMARY OF ASBESTOS BULK SAMPLING AND ANALYTICAL RESULTS
FORMER POLARIS HOTEL (PH)

SAMPLE NUMBER	SAMPLE LOCATION	MATERIAL DESCRIPTION	ASBESTOS %	TYPE OF ASBESTOS
50000-PH-90	Basement N. Half, Room BM4	Layer 1: White/tan mag TSI (on 6' dia. x 15' tank) Layer 2: Beige/brown cloth wrap	L1: 7% 4% L2: ND	Chrysotile Amosite N/A
50000-PH-91	Basement N. Half, Room BM4	Layer 1: White/tan mag TSI (on 6' dia. x 15' tank) Layer 2: Beige/brown cloth wrap	L1: 15% L2: ND	Amosite N/A
50000-PH-92	Basement N. Half, Room BM4	Layer 1: SB[1] white mag TSI (on metal pipe run) Layer 2: Off-white/brown cloth wrap	L1:7% 4% L2: ND	Chrysotile Amosite N/A
50000-PH-93	Basement N. Half, Room BM4	Layer 1: SB[1] white mag TSI (on metal pipe run) Layer 2: Off-white/brown cloth wrap	L1:7% 4% L2: ND	Chrysotile Amosite N/A
50000-PH-94	Basement N. Half, Room BM4	Layer 1: SB[1] white mag TSI (on metal pipe elbow) Layer 2: Off-white/brown cloth wrap	L1:7% 4% L2: ND	Chrysotile Amosite N/A
50000-PH-95	Basement N. Half, Room BM4	Layer 1: LB[2] white mag TSI (on metal pipe elbow) Layer 2: Beige/brown cloth wrap	L1:7% 4% L2: ND	Chrysotile Amosite N/A
50000-PH-96	Basement N. Half, Room BM4	Layer 1: LB[2] white mag TSI (on metal pipe run) Layer 2: Beige/brown cloth wrap	L1:7% 4% L2: ND	Chrysotile Amosite N/A
50000-PH-97	Basement N. Half, Room BM4	Layer 1: LB[2] white mag TSI (on metal pipe elbow) Layer 2: Beige/brown cloth wrap	L1:7% 4% L2: ND	Chrysotile Amosite N/A
50000-PH-98	Basement N. Half, Room B10	SB[1] gray corrugated cardboard TSI w/ green paint (on metal pipe runs)	80%	Chrysotile
50000-PH-99	Basement N. Half, Room B10	SB[1] gray corrugated cardboard TSI w/ green paint (on metal pipe runs)	80%	Chrysotile
50000-PH-100	Basement N. Half, Room B10	SB[1] gray corrugated cardboard TSI w/ green paint (on metal pipe runs)	80%	Chrysotile
50000-PH-100QA[X]	Basement N. Half, Room B10	SB[1] gray corrugated cardboard TSI w/ green paint and mastic (on metal pipe runs)	54%	Chrysotile

Highlight	Asbestos Concentration ≥1%
No HL	Asbestos Concentration ≤1%
~~Red Line~~	Sample Location Not in Polaris Tower

TABLE 1
SUMMARY OF ASBESTOS BULK SAMPLING AND ANALYTICAL RESULTS
FORMER POLARIS HOTEL (PH)

SAMPLE NUMBER	SAMPLE LOCATION	MATERIAL DESCRIPTION	ASBESTOS %	TYPE OF ASBESTOS
50000-PH-101	Basement N. Half, Room BM4	Layer 1: White coating w/ woven wrap w/ paint Layer 2: Brown/orange fiberglass TSI	L1: ND L2: ND	N/A N/A
50000-PH-102	Basement N. Half, Room BM4	Layer 1: Silver foil Layer 2: Tan paper w/ white tape w/ mastic w/ woven wrap (on LB[2] fiberglass TSI on metal pipe run)	L1: ND L2: ND	N/A N/A
50000-PH-103	Basement N. Half, Room BM4	Layer 1: Red brittle flange gaskets (various sizes on 2'x2'x4' metal item) Layer 2: Trace yellow mastic	L1: ND L2: ND	N/A N/A
50000-PH-104	**Basement N. Half, Room BM4**	**10"-12" OD brown pipe flange gaskets (same 8" OD gaskets)**	**65%**	**Chrysotile**
50000-PH-105	**Basement N. Half, Room BM4**	**16" OD white/off-white fibrous pipe flange gaskets (same 8" OD gaskets)**	**65%**	**Chrysotile**
50000-PH-106	**Basement N. Half, Room BM4**	**12" OD gray fibrous pipe flange gaskets (to tank) (same 8" & 10" OD gaskets)**	**10%**	**Chrysotile**
50000-PH-107	**Basement N. Half, Room BM4**	**8" OD black pipe flange gasket**	**10%**	**Chrysotile**
50000-PH-108	Basement N. Half, Room BM4	Yellow/off-white fiberglass fire door core	ND	N/A
50000-PH-109	Basement N. Half, Room B8	Brown fiberglass fire door core	ND	N/A
50000-PH-110	Basement N. Half, Incinerator Room	Layer 1: Tan fire brick Layer 2: Red mortar (inside 7'x7'x9' incinerator)	L1: ND L2: ND	N/A N/A
50000-PH-111	**Basement N. Half, Room B11a/BM5**	**Black asphaltic sealant w/ paint (on 3'x6'x6' & 3'x8'x6' AHUs)**	**2%**	**Chrysotile**
50000-PH-112	**Basement N. Half, Room B11a/BM5**	**2'x2' White fibrous flex duct w/ silver paint (on ducting associated with AHUs)**	**70%**	**Chrysotile**

Highlight	Asbestos Concentration ≥1%
No HL	Asbestos Concentration ≤1%
~~Red Line~~	Sample Location Not in Polaris Tower

TABLE 1
SUMMARY OF ASBESTOS BULK SAMPLING AND ANALYTICAL RESULTS
FORMER POLARIS HOTEL (PH)

SAMPLE NUMBER	SAMPLE LOCATION	MATERIAL DESCRIPTION	ASBESTOS %	TYPE OF ASBESTOS
50000-PH-112QA[X]	**Basement N. Half, Room B11a/BM5**	**Layer 1: Silver paint/ coating** **Layer 2: 2'x2' White fibrous flex duct (on ducting associated with AHUs)**	**L1: 2%** **L2: 57%**	**Chrysotile** **Chrysotile**
50000-PH-113	Basement N. Half, Room B11a/BM5	Beige/green pipe dope w/ paint (on water pipe fittings)	ND	N/A
50000-PH-114	Basement N. Half, Room B11a/BM5	Black foam insulation (in 2'x1'x2' compressor regulator box)	ND	N/A
50000-PH-115	Basement N. Half, Room B11a/BM5	Layer 1: 8" Black compressor motor gaskets w/ paint Layer 2: Trace yellow mastic	L1: ND L2: ND	N/A N/A
50000-PH-116	Basement N. Half, Room B11a/BM5	Layer 1: Black duct insulation Layer 2: Yellow mastic (on duct hatch)	L1: ND L2: ND	N/A N/A
50000-PH-117	Basement N. Half, Room B11a/BM5	Layer 1: Black 2'x5' door hatch gasket Layer 2: Black mastic	L1: ND L2: ND	N/A N/A
50000-PH-118	Basement N. Half, Room B11a/BM5	Gray concrete perpetration sealant w/ paint	ND	N/A
50000-PH-119	Basement N. Half, Room B11	Layer 1: Yellow carpet w/ white mesh backing Layer 2: Yellow/tan mastic Layer 3: Brown mesh backing (used as wrap on concrete columns)	L1: ND L2: ND L3: ND	N/A N/A N/A
~~50000-PH-120~~	~~Main Floor, Suite A, Entry~~	~~Layer 1: 12"x12" Off-white/ beige vinyl floor tile~~ ~~Layer 2: Trace clear mastic~~ ~~Layer 3: White/gray plastic backing~~ ~~Layer 4: Beige/off-white mastic~~ ~~Layer 5: Trace remnant black mastic (on concrete)~~	~~L1: ND~~ ~~L2: ND~~ ~~L3: ND~~ ~~L4: ND~~ ~~L5: ND~~	~~N/A~~ ~~N/A~~ ~~N/A~~ ~~N/A~~ ~~N/A~~
~~50000-PH-121~~	~~Main Floor, Suite A~~	~~Layer 1: Blue carpet~~ ~~Layer 2: white/clear woven mesh backing~~ ~~Layer 3: Yellow/tan mastic~~ ~~Layer 4: Trace remnant black mastic (on concrete)~~	~~L1: ND~~ ~~L2: ND~~ ~~L3: ND~~ ~~L4: ND~~	~~N/A~~ ~~N/A~~ ~~N/A~~ ~~N/A~~

Highlight	Asbestos Concentration ≥1%
No HL	Asbestos Concentration ≤1%
~~Red Line~~	Sample Location Not in Polaris Tower

TABLE 1
SUMMARY OF ASBESTOS BULK SAMPLING AND ANALYTICAL RESULTS
FORMER POLARIS HOTEL (PH)

SAMPLE NUMBER	SAMPLE LOCATION	MATERIAL DESCRIPTION	ASBESTOS %	TYPE OF ASBESTOS
~~50000-PH-122~~	~~Main Floor, Suite A., Toilet~~	~~Layer 1: 1"x1" Beige ceramic floor tiles~~ ~~Layer 2: Gray grout~~ ~~Layer 3: Beige mastic (on concrete)~~	~~L1: ND~~ ~~L2: ND~~ ~~L3: ND~~	~~N/A~~ ~~N/A~~ ~~N/A~~
~~50000-PH-123*3~~	~~Main Floor, Suite A., Toilet~~	~~Layer 1: 4"x4" Beige ceramic cove base~~ ~~Layer 2: Dark gray grout (w/ white mortar)~~ ~~Layer 3: Tan JC w/ paint and GWB paper~~	~~L1: ND~~ ~~L2: ND~~ ~~L3: 0.25%~~	~~N/A~~ ~~N/A~~ ~~Chrysotile~~
~~50000-PH-124~~	~~Main Floor, Polaris Lounge Men's~~	~~Layer 1: 1"x2" Tan/beige ceramic floor tiles~~ ~~Layer 2: Gray grout and mortar (on concrete)~~	~~L1: ND~~ ~~L2: ND~~	~~N/A~~ ~~N/A~~
~~50000-PH-125~~	~~Main Floor, Polaris Lounge Women's~~	~~Layer 1: 1"x2" Beige/green ceramic floor tiles~~ ~~Layer 2: Gray grout~~ ~~Layer 3: Beige mortar~~ ~~Layer 4: Trace beige mastic~~ ~~Layer 5: Trace remnant black mastic (on concrete)~~	~~L1: ND~~ ~~L2: ND~~ ~~L3: ND~~ ~~L4: ND~~ ~~L5: ND~~	~~N/A~~ ~~N/A~~ ~~N/A~~ ~~N/A~~ ~~N/A~~
~~50000-PH-126~~	~~Main Floor, Polaris Lounge Women's~~	~~Layer 1: 4" Off-white ceramic cove base~~ ~~Layer 2: Gray grout~~ ~~Layer 3: Off-white/beige mastic~~ ~~Layer 4: Brown GWB paper~~	~~L1: ND~~ ~~L2: ND~~ ~~L3: ND~~ ~~L4: ND~~	~~N/A~~ ~~N/A~~ ~~N/A~~ ~~N/A~~
~~50000-PH-127~~	~~Main Floor, Central Hall~~	~~Layer 1: Green carpet~~ ~~Layer 2: White/clear woven mesh backing~~ ~~Layer 3: Yellow/tan mastic~~ ~~Layer 4: Trace remnant black mastic (on concrete~~	~~L1: ND~~ ~~L2: ND~~ ~~L3: ND~~ ~~L4: ND~~	~~N/A~~ ~~N/A~~ ~~N/A~~ ~~N/A~~
~~50000-PH-128~~	~~Main Floor, Central Hall~~	~~Layer 1: Red carpet~~ ~~Layer 2: Black woven mesh~~ ~~Layer 3: Yellow/tan mastic (on concrete)~~	~~L1: ND~~ ~~L2: ND~~ ~~L3: ND~~	~~N/A~~ ~~N/A~~ ~~N/A~~
~~50000-PH-129~~	~~Main Floor, Polaris Lounge~~	~~Layer 1: Yellow/tan remnant carpet mastic~~ ~~Layer 2: Trace remnant black mastic (on concrete)~~	~~L1: ND~~ ~~L2: ND~~	~~N/A~~ ~~N/A~~
50000-PH-130	Main Floor, SE Lobby	Layer 1: Yellow/tan remnant carpet mastic Layer 2: Trace remnant black mastic (on concrete)	L1: ND L2: ND	N/A N/A

Highlight	Asbestos Concentration ≥1%
No HL	Asbestos Concentration ≤1%
~~Red Line~~	Sample Location Not in Polaris Tower

TABLE 1
SUMMARY OF ASBESTOS BULK SAMPLING AND ANALYTICAL RESULTS
FORMER POLARIS HOTEL (PH)

SAMPLE NUMBER	SAMPLE LOCATION	MATERIAL DESCRIPTION	ASBESTOS %	TYPE OF ASBESTOS
50000-PH-131	Main Floor, Dining/Conf.	Layer 1: Green carpet Layer 2: White/clear woven mesh backing Layer 3: Yellow/tan mastic Layer 4: Trace remnant black mastic (on concrete	L1: ND L2: ND L3: ND L4: ND	N/A N/A N/A N/A
50000-PH-132	Main Floor, Storage	Layer 1: Yellow/green carpet w/ beige backing Layer 2: White/clear woven mesh backing Layer 3: Off-white/beige mastic w/ paint Layer 4: Trace black mastic Layer 5: Yellow carpet pad (carpet pad is on the black mastic on concrete)	L1: ND L2: ND L3: ND L4: ND L5: ND	N/A N/A N/A N/A N/A
~~50000-PH-133~~	~~Main Floor, Freezer Room/Hall~~	~~Layer 1: 12"x12" Tan/beige VCT (w/ brown streaks)~~ ~~Layer 2: Black mastic (on concrete)~~	~~L1: ND~~ ~~L2: ND~~	~~N/A~~ ~~N/A~~
50000-PH-134	**Main Floor, Bar**	Layer 1: Black carpet Layer 2: White/clear woven mesh backing Layer 3: Yellow mastic Layer 4: Tan mastic **Layer 5: Trace remnant black mastic (on concrete)**	L1: ND L2: ND L3: ND L4: ND **L5: 2%**	N/A N/A N/A N/A **Chrysotile**
50000-PH-135	Main Floor, Bar	Layer 1: Yellow SVF w/ white back layer Layer 2: Brown/gray paper backing w/ trace tan mastic (on concrete)	L1: ND L2: ND	N/A N/A
50000-PH-136	**Main Floor, Restaurant**	Layer 1: 12"x12" Red VCT (w/ brick/stone pattern) **Layer 2: Black mastic** Layer 3: Gray/tan leveling compound (on concrete)	L1: ND **L2: 2%** L3: ND	N/A **Chrysotile** N/A
50000-PH-136QA[X]	**Main Floor, Restaurant**	**Layer 1: 12"x12" Red VAT (w/ brick/stone pattern)** **Layer 2: Black mastic w/ gray leveling compound (on concrete)**	**L1: 3%** **L2: 2%**	**Chrysotile** **Chrysotile**

Highlight	Asbestos Concentration ≥1%
No HL	Asbestos Concentration ≤1%
~~Red Line~~	Sample Location Not in Polaris Tower

TABLE 1
SUMMARY OF ASBESTOS BULK SAMPLING AND ANALYTICAL RESULTS
FORMER POLARIS HOTEL (PH)

SAMPLE NUMBER	SAMPLE LOCATION	MATERIAL DESCRIPTION	ASBESTOS %	TYPE OF ASBESTOS
50000-PH-137	Main Floor, Restaurant	Layer 1: Yellow/tan carpet mastic Layer 2: White/off-white leveling compound Layer 3: Tan mastic (on concrete at edges of red VCT)	L1: ND L2: ND L3: ND	N/A N/A N/A
50000-PH-138	**Main Floor, Main Lobby**	Layer 1: Green/purple carpet Layer 2: White/clear woven mesh backing Layer 3: Yellow/tan mastic **Layer 4: Remnant black mastic (on concrete)**	L1: ND L2: ND L3: ND **L4: 2%**	N/A N/A N/A **Chrysotile**
50000-PH-139	Main Floor, Main Entry	Layer 1: 12”x12” Brown carpet squares w/ black rubber backing Layer 2: White mastic Layer 3: Remnant yellow/tan mastic Layer 4: Gray leveling compound (on concrete)	L1: ND L2: ND L3: ND L4: ND	N/A N/A N/A N/A
50000-PH-140	Main Floor, Main Entry	Layer 1: White leveling compound Layer 2: Yellow/tan carpet mastic Layer 3: Remnant black mastic (on concrete0	L1: ND L2: ND L3: ND	N/A N/A N/A
50000-PH-141	Main Floor, Store	Layer 1: Wood parquet flooring Layer 2: Gray mastic Layer 3: Remnant tan mastic Layer 4: White leveling compound (on concrete)	L1: ND L2: ND L3: ND L4: ND	N/A N/A N/A N/A
50000-PH-142	**Main Floor, Store**	Layer 1: Blue carpet Layer 2: White/clear woven mesh backing Layer 3: Yellow/tan mastic **Layer 4: Remnant black mastic (on concrete)**	L1: ND L2: ND L3: ND **L4: 2%**	N/A N/A N/A **Chrysotile**
50000-PH-143	Main Floor, Main Lobby	Layer 1: Gray SVF Layer 2: Gray paper backing w/ beige mastic Layer 3: Red ceramic floor tiles Layer 4: Gray grout Layer 5: Beige/yellow mastic (on concrete)	L1: ND L2: ND L3: ND L4: ND L5: ND	N/A N/A N/A N/A N/A

Highlight	Asbestos Concentration ≥1%
No HL	Asbestos Concentration ≤1%
~~Red Line~~	Sample Location Not in Polaris Tower

TABLE 1
SUMMARY OF ASBESTOS BULK SAMPLING AND ANALYTICAL RESULTS
FORMER POLARIS HOTEL (PH)

SAMPLE NUMBER	SAMPLE LOCATION	MATERIAL DESCRIPTION	ASBESTOS %	TYPE OF ASBESTOS
~~50000-PH-144~~	~~Main Floor, Polaris Lounge Women's~~	~~Tan/yellow mirror mastic (on 6'x3' & 4'x3' mirror sections)~~	~~ND~~	~~N/A~~
~~50000-PH-145*3~~	~~Main Floor, Freezer Room~~	~~Layer 1: 1'x1' Cork board panels~~ ~~Layer 2: Tan mastic~~ ~~Layer 3: Trace white smooth skim coat w/ paint~~	~~L1: ND~~ ~~L2: ND~~ ~~L3: 0.25%~~	~~N/A~~ ~~N/A~~ ~~Chrysotile~~
~~50000-PH-146*3~~	~~Main Floor, Suite A~~	~~Layer 1: White/off-white textured skim coat w/ paint~~ ~~Layer 2: White JC w/ paint~~ ~~Layer 3: White GWB wall w/ paper (corner)~~	~~L1: ND~~ ~~L2: 0.25%~~ ~~L3: ND~~	~~N/A~~ ~~Chrysotile~~ ~~N/A~~
~~50000-PH-147~~	~~Main Floor, Suite A~~	~~Layer 1: White/off-white textured skim coat w/ paint~~ ~~Layer 2: White GWB wall w/ paper (mid wall)~~	~~L1: ND~~ ~~L2: ND~~	~~N/A~~ ~~N/A~~
~~50000-PH-148*3~~	~~Main Floor, Central Hall~~	~~Layer 1: White JC w/ paint (w/ white/off-white textured skim coat)~~ ~~Layer 2: White GWB wall w/ paper (at seam)~~	~~L1: 0.25%~~ ~~L2: ND~~	~~Chrysotile~~ ~~N/A~~
~~50000-PH-149*3~~	~~Main Floor, Central Hall~~	~~Layer 1: White/off-white textured skim coat w/ paint~~ ~~Layer 2: White GWB wall w/ paper (mid wall)~~	~~L1: 0.5%~~ ~~L2: ND~~	~~Chrysotile~~ ~~N/A~~
~~50000-PH-150*3~~	~~Main Floor, SE Hall~~	~~Layer 1: White/off-white textured skim coat w/ paint~~ ~~Layer 2: White GWB wall w/ paper (mid wall)~~	~~L1: 0.5%~~ ~~L2: ND~~	~~Chrysotile~~ ~~N/A~~
~~50000-PH-151~~	~~Main Floor, Polaris Lounge~~	~~Black mastic (associated with mirrored ceiling)~~	~~ND~~	~~N/A~~
~~50000-PH-152~~	~~Main Floor, Polaris Lounge Women's~~	~~Layer 1: Wood fiber wall panels (w/ hard yellow coating)~~ ~~Layer 2: Yellow mastic~~	~~L1: ND~~ ~~L2: ND~~	~~N/A~~ ~~N/A~~
~~50000-PH-152QA~~	~~Main Floor, Polaris Lounge Women's~~	~~Layer 1: Yellow mastic~~ ~~Layer 2: Wood fiber wall panels w/ paint~~	~~L1: ND~~ ~~L2: ND~~	~~N/A~~ ~~N/A~~

Highlight	Asbestos Concentration ≥1%
No HL	Asbestos Concentration ≤1%
~~Red Line~~	Sample Location Not in Polaris Tower

TABLE 1
SUMMARY OF ASBESTOS BULK SAMPLING AND ANALYTICAL RESULTS
FORMER POLARIS HOTEL (PH)

SAMPLE NUMBER	SAMPLE LOCATION	MATERIAL DESCRIPTION	ASBESTOS %	TYPE OF ASBESTOS
~~50000-PH-153~~	~~Main Floor, Polaris Lounge Women's~~	~~Layer 1: Yellow Formica® countertop~~ ~~Layer 2: Clear mastic~~ ~~Layer 3: Tan/yellow mastic~~ ~~Layer 4: Wood~~	~~L1: ND~~ ~~L2: ND~~ ~~L3: ND~~ ~~L4: ND~~	~~N/A~~ ~~N/A~~ ~~N/A~~ ~~N/A~~
~~50000-PH-154~~	~~Main Floor, Polaris Lounge Women's~~	~~Black rubber sink drain gasket (on porcelain sinks)~~	~~ND~~	~~N/A~~
~~**50000-PH-155**~~	~~**Main Floor, SE Stairwell**~~	~~**White troweled-on texturing skim coat (on concrete wall)**~~	~~**3%**~~	~~**Chrysotile**~~
~~**50000-PH-156**~~	~~**Main Floor, SE Stairwell**~~	~~**White troweled-on texturing skim coat (on concrete wall)**~~	~~**3%**~~	~~**Chrysotile**~~
~~**50000-PH-157**~~	~~**Main Floor, SW Stairwell**~~	~~**White troweled-on texturing skim coat (on concrete wall)**~~	~~**3%**~~	~~**Chrysotile**~~
~~50000-PH-158~~	~~Main Floor, Polaris Lounge~~	~~Remnant tan wall panel mastic on GWB paper~~	~~ND~~	~~N/A~~
~~**50000-PH-159**~~	~~**Main Floor, SE Stairwell**~~	~~**Layer 1: Black mastic (behind texturing and GWB)**~~ ~~Layer 2: Green foam wall insulation~~ ~~**Layer 3: Greenish gray/black mastic**~~ ~~Layer 4: Green foam wall insulation~~ ~~**Layer 5: Greenish gray/black mastic (on concrete wall)**~~	~~**L1: 3%**~~ ~~L2: ND~~ ~~**L3: 3%**~~ ~~L4: ND~~ ~~**L5: 3%**~~	~~**Chrysotile**~~ ~~N/A~~ ~~**Chrysotile**~~ ~~N/A~~ ~~**Chrysotile**~~
50000-PH-160	Main Floor, SE Lobby	Yellow/brown wall paper w/ mastic on GWB wall	ND	N/A
~~50000-PH-161*3~~	~~Main Floor, Freezer Room~~	~~Layer 1: White/off-white smooth skim coat w/ paint~~ ~~Layer 2: GWB wall w/ paper (corner)~~	~~L1: 0.5%~~ ~~L2: ND~~	~~Chrysotile~~ ~~N/A~~
~~50000-PH-162*3~~	~~Main Floor, Freezer Room~~	~~Layer 1: White/off-white smooth skim coat w/ paint~~ ~~Layer 2: GWB wall w/ paper (mid wall)~~	~~L1: 0.25%~~ ~~L2: ND~~	~~Chrysotile~~ ~~N/A~~
~~50000-PH-163~~	~~Main Floor, Freezer Room~~	~~Pink GWB wall w/ paint and paper (mid wall)~~	~~ND~~	~~N/A~~

Highlight	Asbestos Concentration ≥1%
No HL	Asbestos Concentration ≤1%
~~Red Line~~	Sample Location Not in Polaris Tower

TABLE 1
SUMMARY OF ASBESTOS BULK SAMPLING AND ANALYTICAL RESULTS
FORMER POLARIS HOTEL (PH)

SAMPLE NUMBER	SAMPLE LOCATION	MATERIAL DESCRIPTION	ASBESTOS %	TYPE OF ASBESTOS
~~50000-PH-164~~	~~Main Floor, Suite A~~	~~Layer 1: White fabric wall covering~~ ~~Layer 2: GWB wall panels~~	~~L1: ND~~ ~~L2: ND~~	~~N/A~~ ~~N/A~~
~~50000-PH-165~~	~~Main Floor, Freezer Room~~	~~Orange/tan freezer caulking (on 10'x9'x8' freezer)~~	~~ND~~	~~N/A~~
50000-PH-166	Main Floor, Kitchen	Off-white/yellow fridge caulking (on 10'x10'x8' walk-in fridge)	ND	N/A
~~50000-PH-167~~	~~Main Floor, Polaris Lounge~~	~~Layer 1: Orange/silver foil wall paper w/ black paper~~ ~~Layer 2: White mesh backing~~ ~~Layer 3: GWB wall w/ paper~~	~~L1: ND~~ ~~L2: ND~~ ~~L3: ND~~	~~N/A~~ ~~N/A~~ ~~N/A~~
~~50000-PH-168~~	~~Main Floor, Polaris Lounge~~	~~Layer 1: Stone façade~~ ~~Layer 2: Gray grout (on unfinished GWB wall)~~	~~L1: ND~~ ~~L2: ND~~	~~N/A~~ ~~N/A~~
50000-PH-169	Main Floor, Dining/Conf.	Layer 1: Wood siding Layer 2: Tan mastic Layer 3: GWB paper	L1: ND L2: ND L3: ND	N/A N/A N/A
50000-PH-170	Main Floor, Dining/Conf.	Layer 1: Fabric wall covering w/ paint Layer 2: Trace tan mastic Layer 3: GWB panels w/ paper	L1: ND L2: ND L3: ND	N/A N/A N/A
50000-PH-171	Main Floor, Dining/Conf.	Layer 1: Tan wall paper w/ paint Layer 2: Trace tan mastic Layer 3: GWB panels w/ paper	L1: ND L2: ND L3: ND	N/A N/A N/A
~~50000-PH-172~~	~~Main Floor, Central Hall~~	~~Black window glazing gasket (in entry door system)~~	~~ND~~	~~N/A~~
50000-PH-173*[3]	Main Floor, Dining/ Conf.	Layer 1: Off-white JC under wall paper Layer 2: Brown GWB wall w/ paper	L1: 0.25% L2: ND	Chrysotile N/A
50000-PH-174	**Main Floor, Kitchen**	**Black glue dots (between wood wall framing and concrete wall)**	**3%**	**Chrysotile**
50000-PH-174QA[X]	**Main Floor, Kitchen**	**Black glue dots (between wood wall framing and concrete wall)**	**5%**	**Chrysotile**
50000-PH-175	Main Floor, Kitchen	Layer 1: Beige mastic (associated with metal wall panels) Layer 2: Beige/brown GWB wall w/ paint and paper	L1: ND L2: ND	N/A N/A

Highlight	Asbestos Concentration ≥1%
No HL	Asbestos Concentration ≤1%
~~Red Line~~	Sample Location Not in Polaris Tower

TABLE 1
SUMMARY OF ASBESTOS BULK SAMPLING AND ANALYTICAL RESULTS
FORMER POLARIS HOTEL (PH)

SAMPLE NUMBER	SAMPLE LOCATION	MATERIAL DESCRIPTION	ASBESTOS %	TYPE OF ASBESTOS
50000-PH-176	Main Floor, Kitchen	Layer 1: Beige mastic (associated with metal wall panels) Layer 2: Beige/off-white GWB wall w/ paint and paper	L1: ND L2: ND	N/A N/A
50000-PH-177	Main Floor, Kitchen	Layer 1: Beige mastic (associated with metal wall panels) Layer 2: Beige/white GWB wall w/ paint and paper	L1: ND L2: ND	N/A N/A
50000-PH-178	Main Floor, Kitchen	Layer 1: Brown mastic (associated with metal wall panels) Layer 2: White plaster top coat w/ paint Layer 3: White plaster wall w/ paint Layer 4: White GWB backing board (on wood framing)	L1: ND L2: ND L3: ND L4: ND	N/A N/A N/A N/A
50000-PH-179	Main Floor, Kitchen	Layer 1: Brown mastic (associated with metal wall panels) Layer 2: White plaster top coat w/ paint Layer 3: White plaster wall w/ paint Layer 4: White GWB backing board (on wood framing)	L1: ND L2: ND L3: ND L4: ND	N/A N/A N/A N/A
50000-PH-180	Main Floor, Kitchen	Layer 1: Brown mastic (associated with metal wall panels) Layer 2: White plaster top coat w/ paint Layer 3: White plaster wall w/ paint Layer 4: White GWB backing board (on wood framing)	L1: ND L2: ND L3: ND L4: ND	N/A N/A N/A N/A
50000-PH-181	Main Floor, Kitchen	Dark brown sink undercoat (on stainless steel sink)	ND	N/A
~~50000-PH-182~~	~~Main Floor, Polaris Lounge~~	~~Dark gray paper backing (associated w/ 1' OD speaker)~~	~~ND~~	~~N/A~~
50000-PH-183*3	Main Floor, Bar	Layer 1: White JC w/ paint Layer 2: GWB w/ paper (corner-wall)	L1: 0.75% L2: ND	Chrysotile N/A

Highlight	Asbestos Concentration ≥1%
No HL	Asbestos Concentration ≤1%
~~Red Line~~	Sample Location Not in Polaris Tower

TABLE 1
SUMMARY OF ASBESTOS BULK SAMPLING AND ANALYTICAL RESULTS
FORMER POLARIS HOTEL (PH)

SAMPLE NUMBER	SAMPLE LOCATION	MATERIAL DESCRIPTION	ASBESTOS %	TYPE OF ASBESTOS
50000-PH-184	Main Floor, Bar	Layer 1: Brown GWB paper w/ paint Layer 2: GWB w/ paper (mid-wall)	L1: ND L2: ND	N/A N/A
50000-PH-185*[3]	Main Floor, Bar	Layer 1: 4' Tall wood wall panels Layer 2: Tan mastic Layer 3: White JC w/ paint Layer 4: GWB w/ paper (mid-wall)	L1: ND L2: ND L3: 0.5% L4: ND	N/A N/A Chrysotile N/A
50000-PH-186	Main Floor, Kitchen	Layer 1: Black rubber sink drain gasket Layer 2: Black paper gasket Layer 3: Tan sink drain putty (on stainless steel sinks)	L1: ND L2: ND L3: ND	N/A N/A N/A
50000-PH-187	Main Floor, Main Lobby	Layer 1: Blue/red wall paper Layer 2: Trace clear mastic Layer 3: Smooth white skim coat w/ paint Layer 4: Beige GWB wall w/ paint and paper (corner)	L1: ND L2: ND L3: ND L4: ND	N/A N/A N/A N/A
50000-PH-188	Main Floor, Main Lobby	Layer 1: Blue/red wall paper Layer 2: Clear mastic Layer 3: Smooth white skim coat w/ paint Layer 4: Beige GWB wall w/ paint and paper (mid-wall)	L1: ND L2: ND L3: ND L4: ND	N/A N/A N/A N/A
50000-PH-189*[3]	Main Floor, Store	Layer 1: White wall paper w/ gray paint Layer 2: White paper Layer 3: Trace clear mastic Layer 4: Brown wall paper Layer 5: Trace yellow mastic Layer 6: Tan JC w/ paint Layer 7: Brown GWB wall w/ paper (corner)	L1: ND L2: ND L3: ND L4: ND L5: ND L6: 0.75% L7: ND	N/A N/A N/A N/A N/A Chrysotile N/A
50000-PH-190	Main Floor, Store	GWB wall w/ paint and paper (mid-wall)	ND	N/A
50000-PH-191	Main Floor, Restaurant	Layer 1: Smooth white skim coat w/ paint Layer 2: GWB wall w/ paint and paper (corner)	L1: ND L2: ND	N/A N/A
50000-PH-192	Main Floor, Restaurant	Layer 1: Smooth white skim coat w/ paint Layer 2: GWB wall w/ paint and paper (mid-wall)	L1: ND L2: ND	N/A N/A

Highlight	Asbestos Concentration ≥1%
No HL	Asbestos Concentration ≤1%
~~Red Line~~	Sample Location Not in Polaris Tower

TABLE 1
SUMMARY OF ASBESTOS BULK SAMPLING AND ANALYTICAL RESULTS
FORMER POLARIS HOTEL (PH)

SAMPLE NUMBER	SAMPLE LOCATION	MATERIAL DESCRIPTION	ASBESTOS %	TYPE OF ASBESTOS
50000-PH-193	Main Floor, Restaurant	Layer 1: Smooth white skim coat w/ paint Layer 2: GWB wall w/ paint and paper (mid-wall)	L1: ND L2: ND	N/A N/A
50000-PH-194	Main Floor, Main Lobby Women's	Layer 1: White FRP wall panel Layer 2: Orange mastic Layer 3: 4"x4" White ceramic wall tile Layer 4: White grout Layer 5: Tan mastic Layer 6: Brown GWB paper w/ paint	L1: ND L2: ND L3: ND L4: ND L5: ND L6: ND	N/A N/A N/A N/A N/A N/A
50000-PH-194QA	Main Floor, Main Lobby Women's	Layer 1: White FRP wall panel Layer 2: Orange mastic Layer 3: 4"x4" White ceramic wall tile Layer 4: White grout Layer 5: Yellow/tan mastic w/ GWB paper w/ paint	L1: ND L2: ND L3: ND L4: ND L5: ND	N/A N/A N/A N/A N/A
50000-PH-195	Main Floor, Central Hall	Layer 1: 4" Black cove base Layer 2: Off-white mastic Layer 3: Brown GWB paper w/ paint	L1: ND L2: ND L3: ND	N/A N/A N/A
50000-PH-196	Main Floor, Dining/Conf.	Layer 1: 4" Beige cove base Layer 2: Beige/yellow mastic Layer 3: Trace brown mastic Layer 4: Brown GWB paper w/ paint	L1: ND L2: ND L3: ND L4: ND	N/A N/A N/A N/A
50000-PH-197	Main Floor, Kitchen Hall	Layer 1: 6" Brown cove base Layer 2: Beige mastic Layer 3: White paint (on remnant brown mastic on CMU wall)	L1: ND L2: ND L3: ND	N/A N/A N/A
50000-PH-198	Main Floor, Main Lobby Women's	Layer 1: 6" Maroon cove base Layer 2: White mastic (on FRP wall panels)	L1: ND L2: ND	N/A N/A
50000-PH-199	Main Floor, Store	Layer 1: 4" Blue cove base Layer 2: Beige mastic (on GWB wall)	L1: ND L2: ND	N/A N/A
50000-PH-200	Main Floor, Freezer Room	Black asphaltic wrap (on wire fitting to regulator in ice machine)	ND	N/A
~~50000-PH-201~~	~~Main Floor, Suite A, Toilet~~	~~GWB ceiling w/ paint and paper (ceiling edge)~~	~~ND~~	~~N/A~~

Highlight	Asbestos Concentration ≥1%
No HL	Asbestos Concentration ≤1%
~~Red Line~~	Sample Location Not in Polaris Tower

TABLE 1
SUMMARY OF ASBESTOS BULK SAMPLING AND ANALYTICAL RESULTS
FORMER POLARIS HOTEL (PH)

SAMPLE NUMBER	SAMPLE LOCATION	MATERIAL DESCRIPTION	ASBESTOS %	TYPE OF ASBESTOS
~~50000-PH-202~~	~~Main Floor, Suite A, Toilet~~	~~GWB ceiling w/ paint and paper (mid-ceiling)~~	~~ND~~	~~N/A~~
~~50000-PH-203~~	~~Main Floor, Polaris Lounge Women's~~	~~GWB ceiling w/ paint and paper (mid-ceiling)~~	~~ND~~	~~N/A~~
~~50000-PH-204~~	~~Main Floor, Suite A~~	~~2'x4' SACT w/ paint (w/ worm track and pin hole pattern)~~	~~ND~~	~~N/A~~
50000-PH-205	Main Floor, Dining/Conf.	2'x4' SACT w/ paint (w/ worm track and pin hole pattern)	ND	N/A
50000-PH-206	Main Floor, SE Lobby	Layer 1: 1'x1' Thick white/ gray ACT w/ white paint Layer 2: Silver foil backing Layer 3: Brown glue dots Layer 4: Trace brown GWB paper (on GWB ceiling)	L1: ND L2: ND L3: ND L4: ND	N/A N/A N/A N/A
50000-PH-206QA	Main Floor, SE Lobby	Layer 1: 1'x1' Thick white/gray ACT w/ white paint w/ silver foil backing Layer 2: Brown glue dots	L1: ND L2: ND	N/A N/A
50000-PH-207	Main Floor, SE Lobby	Layer 1: 1'x1' Thick beige ACT w/ tan paint Layer 2: Silver foil backing Layer 3: Brown glue dots (on GWB ceiling)	L1: ND L2: ND L3: ND	N/A N/A N/A
50000-PH-208	Main Floor, Storage	Layer 1: 1'x1' gray ACT w/ white paint Layer 2: Brown glue dots Layer 3: Brown GWB paper (on GWB ceiling)	L1: ND L2: ND L3: ND	N/A N/A N/A
50000-PH-209	Main Floor, Bar	1'x1' gray ACT w/ beige paint (mechanically fastened/ suspended w/ rough surface)	ND	N/A
50000-PH-210	Main Floor, Store	1'x1' gray ACT w/ white paint (mechanically fastened/ suspended w/ rough surface)	ND	N/A
50000-PH-211	Main Floor, Main Lobby	Layer 1: 2'x2' gray SACT w/ paint (w/ rough surface) Layer 2: Brown paper Layer 3: Silver foil backing	L1: ND L2: ND L3: ND	N/A N/A N/A
50000-PH-212	Main Floor, Main Lobby Men's	2'x4' gray SACT w/ white paint (w/ 2'x2' pattern and w/ worm track and pinholes)	ND	N/A

Highlight	Asbestos Concentration ≥1%
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~~Red Line~~	Sample Location Not in Polaris Tower

TABLE 1
SUMMARY OF ASBESTOS BULK SAMPLING AND ANALYTICAL RESULTS
FORMER POLARIS HOTEL (PH)

SAMPLE NUMBER	SAMPLE LOCATION	MATERIAL DESCRIPTION	ASBESTOS %	TYPE OF ASBESTOS
~~50000-PH-213~~	~~Main Floor, Suite A~~	~~Tan/gray pipe dope w/ brown coating (on sprinkler line fittings)~~	~~ND~~	~~N/A~~
~~50000-PH-214~~	~~Main Floor, Suite A~~	~~Layer 1: Hard mudded TSI~~ ~~Layer 2: Silver foil~~ ~~Layer 3: Tan TSI paper wrapping w/ mastic~~ ~~Layer 4: Yellow fiberglass insulation (on rain leader)~~	~~L1: ND~~ ~~L2: ND~~ ~~L3: ND~~ ~~L4: ND~~	~~N/A~~ ~~N/A~~ ~~N/A~~ ~~N/A~~
~~50000-PH-215~~	~~Main Floor, Suite A~~	~~Layer 1: LB[2] hard mudded elbow TSI w/ cloth wrap~~ ~~Layer 2: Yellow fiberglass insulation (on drain pipe from rain leader)~~	~~L1: ND~~ ~~L2: ND~~	~~N/A~~ ~~N/A~~
~~50000-PH-216~~	~~Main Floor, Polaris Lounge~~	~~Layer 1: Hard mudded TSI~~ ~~Layer 2: Silver foil~~ ~~Layer 3: Tan TSI paper wrapping w/ mastic~~ ~~Layer 4: Yellow fiberglass insulation (on rain leader)~~	~~L1: ND~~ ~~L2: ND~~ ~~L3: ND~~ ~~L4: ND~~	~~N/A~~ ~~N/A~~ ~~N/A~~ ~~N/A~~
~~50000-PH-217~~	~~Main Floor, Polaris Lounge~~	~~Layer 1: LB[2] hard mudded elbow TSI w/ cloth wrap~~ ~~Layer 2: Yellow fiberglass insulation (on drain pipe from rain leader)~~	~~L1: ND~~ ~~L2: ND~~	~~N/A~~ ~~N/A~~
50000-PH-218	Main Floor, Kitchen	White caulking (around electrical panel)	ND	N/A
50000-PH-219	Main Floor, Central Hall	SB[1] white hard mudded elbow TSI w/ cloth wrap (on metal pipe runs w/ fiberglass TSI)	ND	N/A
50000-PH-220	**Main Floor, Main Lobby NW Wall Chase**	**LB[2] white mag TSI w/ cloth wrap w/ paint**	**4% 3%**	**Amosite Chrysotile**
50000-PH-221	**Main Floor, Main Lobby NW Wall Chase**	Layer 1: White cloth wrap w/ paint **Layer 2: SB[1] gray corrugated cardboard TSI** **Layer 3: Brown corrugated TSI material (on metal pipe run)**	L1: ND **L2: 38%** **L3: 2%**	N/A **Chrysotile** **Chrysotile**

Highlight	Asbestos Concentration ≥1%
No HL	Asbestos Concentration ≤1%
~~Red Line~~	Sample Location Not in Polaris Tower

TABLE 1
SUMMARY OF ASBESTOS BULK SAMPLING AND ANALYTICAL RESULTS
FORMER POLARIS HOTEL (PH)

SAMPLE NUMBER	SAMPLE LOCATION	MATERIAL DESCRIPTION	ASBESTOS %	TYPE OF ASBESTOS
50000-PH-222	**Main Floor, Main Lobby NW Wall Chase**	Layer 1: White TSI cloth wrap w/ paint **Layer 2: LB[2] gray corrugated cardboard TSI w/ mastic** Layer 3: Brown corrugated TSI material (on metal pipe run)	L1: ND **L2: 30%** L3: ND	N/A **Chrysotile** N/A
50000-PH-223	**Main Floor, Main Lobby NW Wall Chase**	**LB[2] white hard mudded elbow TSI w/ cloth wrap (on metal pipe elbows associated with #222)**	**3%** **5%**	**Amosite** **Chrysotile**
50000-PH-224	**Main Floor, Main Lobby NW Wall Chase**	**SB[1] white hard mudded elbow TSI w/ cloth wrap (with fiberglass TSI on metal pipe runs)**	**3%** **7%**	**Amosite** **Chrysotile**
50000-PH-225	**2nd Floor, Room 101 Toilet**	Layer 1: Off-white SVF (w/ 9" square pattern w/ hard white backing) Layer 2: White mastic Layer 3: 12"x12" Beige VCT Layer 4: Tan mastic **Layer 5: Black mastic (on concrete)**	L1: ND L2: ND L3: ND L4: ND **L5: 2%**	N/A N/A N/A N/A **Chrysotile**
50000-PH-226	**2nd Floor, Room 102 Toilet**	Layer 1: Off-white SVF (w/ 6" square pattern w/ hard white backing) Layer 2: Yellow mastic Layer 3: 12"x12" Beige VCT Layer 4: Tan mastic **Layer 5: Black mastic (on concrete)**	L1: ND L2: ND L3: ND L4: ND **L5: 3%**	N/A N/A N/A N/A **Chrysotile**
50000-PH-227	**2nd Floor, Room 105 Toilet**	Layer 1: Off-white SVF (w/ 9" square pattern w/ hard white backing) Layer 2: White/clear mastic Layer 3: Beige SVF (w/ 3" square pattern) Layer 4: Brown paper backing w/ tan mastic **Layer 5: Black mastic (on concrete)**	L1: ND L2: ND L3: ND L4: ND **L5: 3%**	N/A N/A N/A N/A **Chrysotile**

Highlight	Asbestos Concentration ≥1%
No HL	Asbestos Concentration ≤1%
~~Red Line~~	Sample Location Not in Polaris Tower

TABLE 1
SUMMARY OF ASBESTOS BULK SAMPLING AND ANALYTICAL RESULTS
FORMER POLARIS HOTEL (PH)

SAMPLE NUMBER	SAMPLE LOCATION	MATERIAL DESCRIPTION	ASBESTOS %	TYPE OF ASBESTOS
50000-PH-228	**2nd Floor, Room 107 Toilet**	Layer 1: Off-white SVF (w/ 9" square pattern w/ hard white backing)	L1: ND	N/A
		Layer 2: Beige mastic	L2: ND	N/A
		Layer 3: Beige SVF (w/ 6" two-tone square pattern)	L3: ND	N/A
		Layer 4: Brown paper backing w/ tan mastic	L4: ND	N/A
		Layer 5: Trace black mastic (on concrete)	**L5: 3%**	**Chrysotile**
50000-PH-228QA[X]	2nd Floor, Room 107 Toilet	Layer 1: Off-white SVF (w/ 9" square pattern w/ hard white backing)	L1: ND	N/A
		Layer 2: Beige/brown mastic w/ white paint	L2: ND	N/A
		Layer 3: Beige SVF (w/ 6" two-tone square pattern)	L3: ND	N/A
		Layer 4: Brown paper backing w/ tan & black mastic (on concrete)	L4: ND	N/A
50000-PH-229	**2nd Floor, Room 109 Toilet**	Layer 1: Off-white SVF (w/ 6" square pattern, stained, w/ hard white backing)	L1: ND	N/A
		Layer 2: White mastic	L2: ND	N/A
		Layer 3: Beige SVF (w/ 6" square pattern)	L3: ND	N/A
		Layer 4: Brown paper backing w/ tan mastic	L4: ND	N/A
		Layer 5: Black mastic (on concrete)	**L5: 3%**	**Chrysotile**
50000-PH-230	**2nd Floor, Elec. Closet**	**Layer 1: 9"x9" Dark red VAT (w/ light red and white streaks)**	**L1: 2%**	**Chrysotile**
		Layer 2: Black mastic (on concrete)	**L2: 3%**	**Chrysotile**
50000-PH-231	**2nd Floor, Room 113 Toilet**	Layer 1: Off-white SVF (w/ 9" square pattern and hard white backing)	L1: ND	N/A
		Layer 2: Tan mastic	L2: ND	N/A
		Layer 3: Beige SVF (w/ 3" square pattern)	L3: ND	N/A
		Layer 4: Brown paper backing w/ mastic	**L4: 47%**	**Chrysotile**
		Layer 5: 12"x12" Off-white VCT w/ tan mastic	L5: ND	N/A
		Layer 6: Black mastic (on concrete)	**L6: 3%**	**Chrysotile**

Highlight	Asbestos Concentration ≥1%
No HL	Asbestos Concentration ≤1%
~~Red Line~~	Sample Location Not in Polaris Tower

TABLE 1
SUMMARY OF ASBESTOS BULK SAMPLING AND ANALYTICAL RESULTS
FORMER POLARIS HOTEL (PH)

SAMPLE NUMBER	SAMPLE LOCATION	MATERIAL DESCRIPTION	ASBESTOS %	TYPE OF ASBESTOS
50000-PH-232	**2nd Floor, Room 101 Bedroom**	Layer 1: Blue/red carpet w/ white mesh backing Layer 2: Yellow/tan mastic **Layer 3: Black mastic (on concrete)**	L1: ND L2: ND **L3: 3%**	N/A N/A **Chrysotile**
50000-PH-233	**2nd Floor, Corridor**	Layer 1: Red carpet w/ white mesh backing Layer 2: Yellow/tan mastic **Layer 3: Black mastic (on concrete)**	L1: ND L2: ND **L3: 2%**	N/A N/A **Chrysotile**
50000-PH-234	**2nd Floor, Room 103**	Layer 1: Red/pink carpet w/ white mesh backing Layer 2: Yellow mastic Layer 3: Clear plastic Layer 4: Black/yellow foam carpet pad **Layer 5: 9"x9" Dark red VAT (w/ light red and white streaks)** **Layer 6: Black mastic (on concrete)**	L1: ND L2: ND L3: ND L4: ND **L5: 2%** **L6: 4%**	N/A N/A N/A N/A **Chrysotile** **Chrysotile**
50000-PH-235	2nd Floor, Room 115	Layer 1: Thick white leveling compound (on concrete) Layer 2: Yellow/tan carpet mastic (on white leveling compound)	L1: ND L2: ND	N/A N/A
50000-PH-236*3	2nd Floor, Corridor at Elevators	Layer 1: White texturing skim coat w/ beige paint Layer 2: Gray brittle material w/ green/yellow paint (on concrete wall)	L1: 0.5% L2: ND	Chrysotile N/A
50000-PH-237*3	2nd Floor, Corridor at Room 109	Layer 1: White texturing skim coat w/ beige paint Layer 2: White plaster top coat on gray plaster wall w/ paint (on metal lath)	L1: 0.5% L2: ND	Chrysotile N/A
50000-PH-238*3	2nd Floor, Room 102, N. Wall	Layer 1: White texturing skim coat w/ beige paint Layer 2: White plaster top coat on gray plaster wall w/ paint (on metal lath)	L1: 0.25% L2: ND	Chrysotile N/A
50000-PH-239*3	2nd Floor, Room 109, E. Wall	Layer 1: White texturing skim coat w/ beige paint Layer 2: White plaster top coat on gray plaster wall w/ paint (on metal lath)	L1: 0.5% L2: ND	Chrysotile N/A

Highlight	Asbestos Concentration ≥1%
No HL	Asbestos Concentration ≤1%
~~Red Line~~	Sample Location Not in Polaris Tower

TABLE 1
SUMMARY OF ASBESTOS BULK SAMPLING AND ANALYTICAL RESULTS
FORMER POLARIS HOTEL (PH)

SAMPLE NUMBER	SAMPLE LOCATION	MATERIAL DESCRIPTION	ASBESTOS %	TYPE OF ASBESTOS
50000-PH-240	2nd Floor, Room 105, E. Wall	Layer 1: Newer white texturing skim coat w/ paint Layer 2: GWB wall w/ paper (corner-wall)	L1: ND L2: ND	N/A N/A
50000-PH-241	2nd Floor, Room 109, W. Wall	Layer 1: Newer white texturing skim coat w/ paint Layer 2: GWB wall w/ paper (mid-wall)	L1: ND L2: ND	N/A N/A
50000-PH-242	2nd Floor, Room 109 Toilet, E. Wall	Layer 1: Newer white texturing skim coat w/ paint Layer 2: White plaster top coat Layer 3: Gray plaster wall (on metal lath)	L1: ND L2: ND L3: ND	N/A N/A N/A
50000-PH-243	2nd Floor, Room 110 Toilet, N. Wall	Layer 1: Wood fiber wall panel w/ paint Layer 2: Yellow mastic Layer 3: White plaster top coat w/ paint Layer 4: Gray plaster wall	L1: ND L2: ND L3: ND L4: ND	N/A N/A N/A N/A
50000-PH-244*3	2nd Floor, Room 108, SW Corner	Layer 1: Trace white texturing overspray Layer 2: White plaster top coat w/ paint Layer 3: Gray plaster wall w/ paint Layer 4: GWB backing board w/ paper (encasing concrete column)	L1: 0.5% L2: ND L3: ND L4: ND	Chrysotile N/A N/A N/A
50000-PH-245	2nd Floor, Room 108, SW Corner	Layer 1: Silver foil Layer 2: Brown paper vapor barrier Layer 3: Silver foil (on concrete column behind wood framing)	L1: ND L2: ND L3: ND	N/A N/A N/A
50000-PH-246*3	2nd Floor, Corridor at Elevators	White texturing skim coat w/ paint (on concrete ceiling deck)	0.75%	Chrysotile
50000-PH-247*3	2nd Floor, Corridor Center	White texturing skim coat w/ paint (on concrete ceiling deck)	0.5%	Chrysotile
50000-PH-248	2nd Floor, Room 107 Toilet	Trace white smooth skim coat w/ paint (on concrete ceiling deck)	ND	N/A

Highlight	Asbestos Concentration ≥1%
No HL	Asbestos Concentration ≤1%
~~Red Line~~	Sample Location Not in Polaris Tower

TABLE 1
SUMMARY OF ASBESTOS BULK SAMPLING AND ANALYTICAL RESULTS
FORMER POLARIS HOTEL (PH)

SAMPLE NUMBER	SAMPLE LOCATION	MATERIAL DESCRIPTION	ASBESTOS %	TYPE OF ASBESTOS
50000-PH-249	2nd Floor, Room 111 Toilet	Trace white/gray smooth skim coat w/ paint (on concrete ceiling deck)	ND	N/A
50000-PH-250	2nd Floor, Room 102, N. Wall	Layer 1: 4" Tan cove base Layer 2: Off-white mastic Layer 3: Trace white texturing w/ paint Layer 4: Remnant brown mastic	L1: ND L2: ND L3: ND L4: ND	N/A N/A N/A N/A
50000-PH-251	2nd Floor, Room 102 Bedroom, S. Wall	Layer 1: 4" Brown cove base Layer 2: Brown mastic (behind radiators)	L1: ND L2: ND	N/A N/A
50000-PH-252*	**2nd Floor, Room 103**	Layer 1: Newer white/off-white texturing skim coat w/ paint **Layer 2: Remnant white popcorn ceiling texturing w/ paint (on concrete ceiling deck)**	L1: ND **L2: 1.5%**	N/A **Chrysotile**
50000-PH-253*	**2nd Floor, Room 105**	Layer 1: Newer white/off-white texturing skim coat w/ paint **Layer 2: Remnant white popcorn ceiling texturing w/ paint (on concrete ceiling deck)**	L1: ND **L2: 1.75%**	N/A **Chrysotile**
50000-PH-254*	**2nd Floor, Room 112**	Layer 1: Newer white/off-white texturing skim coat w/ paint **Layer 2: Remnant white popcorn ceiling texturing w/ paint (on concrete ceiling deck)**	L1: ND **L2: 2.25%**	N/A **Chrysotile**
50000-PH-255*	2nd Floor, Room 102	White popcorn ceiling texturing w/ paint (on concrete ceiling deck)	0.75%	Chrysotile
50000-PH-256*	**2nd Floor, Room 107**	**White popcorn ceiling texturing w/ paint (on concrete ceiling deck)**	**1.5%**	**Chrysotile**
50000-PH-256QAX*	**2nd Floor, Room 107**	**Layer 1: White popcorn ceiling texturing w/ paint** Layer 2: White powdery material w/ paint (on concrete ceiling deck)	**L1: 1.3%** L2: ND	**Chrysotile** N/A

Highlight	Asbestos Concentration ≥1%
No HL	Asbestos Concentration ≤1%
~~Red Line~~	Sample Location Not in Polaris Tower

TABLE 1
SUMMARY OF ASBESTOS BULK SAMPLING AND ANALYTICAL RESULTS
FORMER POLARIS HOTEL (PH)

SAMPLE NUMBER	SAMPLE LOCATION	MATERIAL DESCRIPTION	ASBESTOS %	TYPE OF ASBESTOS
50000-PH-257*	**2nd Floor, Room 110**	**White popcorn ceiling texturing w/ paint (on concrete ceiling deck)**	**1.5%**	**Chrysotile**
50000-PH-258*[3]	**2nd Floor, Room 104, in Elec. Panel**	Layer 1: Trace white texturing overspray **Layer 2: Black electrical panel component (in 10"x15" electrical panel)**	L1: 0.5% **L2: 2%**	Chrysotile **Chrysotile**
50000-PH-259	2nd Floor, Room 104, in Elec. Panel	Black electrical panel fuse component (in 10"x15" electrical panel)	ND	N/A
50000-PH-260	2nd Floor, Room 104, in Elec. Panel	Layer 1: Black asphaltic coating on black fibrous wrap Layer 2: Black rubber wire insulation Layer 3: Metal core (on wiring in electrical panel)	L1: ND L2: ND L3: ND	N/A N/A N/A
50000-PH-261	2nd Floor, Corridor	Layer 1: Gray pipe dope Layer 2: Beige Teflon® w/ paint (on sprinkler pipe fittings)	L1: ND L2: ND	N/A N/A
50000-PH-262	**3rd Floor, Room 203 Toilet**	Layer 1: Off-white SVF (w/ 9" square pattern w/ hard white backing) Layer 2: Trace white mastic Layer 3: 12"x12" Off-white VCT (w/ black and red streaks) Layer 4: Tan mastic **Layer 5: Trace black mastic (on concrete)**	L1: ND L2: ND L3: ND L4: ND **L5: 2%**	N/A N/A N/A N/A **Chrysotile**
50000-PH-263	**3rd Floor, Room 205 Toilet**	Layer 1: Off-white SVF (w/ 6" square pattern w/ hard white backing) Layer 2: White mastic Layer 3: Trace white leveling compound Layer 4: Off-white SVF (w/ 6" square pattern) Layer 5: Brown paper backing w/ mastic Layer 6: 12"x12" Off-white VCT Layer 7: Tan mastic **Layer 8: Trace black mastic (on concrete)**	L1: ND L2: ND L3: ND L4: ND L5: ND L6: ND L7: ND **L8: 3%**	N/A N/A N/A N/A N/A N/A N/A **Chrysotile**

Highlight	Asbestos Concentration ≥1%
No HL	Asbestos Concentration ≤1%
~~Red Line~~	Sample Location Not in Polaris Tower

TABLE 1
SUMMARY OF ASBESTOS BULK SAMPLING AND ANALYTICAL RESULTS
FORMER POLARIS HOTEL (PH)

SAMPLE NUMBER	SAMPLE LOCATION	MATERIAL DESCRIPTION	ASBESTOS %	TYPE OF ASBESTOS
50000-PH-263QA	**3rd Floor, Room 205 Toilet**	Layer 1: Off-white SVF (w/ 6" square pattern w/ hard white backing)	L1: ND	N/A
		Layer 2: White mastic w/ white backing	L2: ND	N/A
		Layer 3: Trace white leveling compound	L3: ND	N/A
		Layer 4: Off-white/beige SVF (w/ 6" square pattern)	L4: ND	N/A
		Layer 5: Brown paper backing w/ mastic	L5: ND	N/A
		Layer 6: 12"x12" Off-white VCT	L6: ND	N/A
		Layer 7: Tan & black mastic (on concrete)	**L7: 3%**	**Chrysotile**
50000-PH-264	**3rd Floor, Room 212**	Layer 1: Off-white SVF (w/ 9" square pattern w/ hard white backing)	L1: ND	N/A
		Layer 2: White mastic	L2: ND	N/A
		Layer 3: Beige SVF (w/ 6" square pattern and green and red accents)	L3: ND	N/A
		Layer 4: White paper backing w/ tan mastic	L4: ND	N/A
		Layer 5: Black mastic (on concrete)	**L5: 3%**	**Chrysotile**
50000-PH-265	**3rd Floor, Room 202**	Layer 1: Tan/blue/green carpet w/ white mesh backing	L1: ND	N/A
		Layer 2: Yellow/tan mastic	L2: ND	N/A
		Layer 3: Green/red paint coating	L3: ND	N/A
		Layer 4: Black mastic (on concrete)	**L4: 3%**	**Chrysotile**
50000-PH-266	3rd Floor, Room 210	Layer 1: Newer white texturing skim coat w/ paint	L1: ND	N/A
		Layer 2: White skim coat w/ paint	L2: ND	N/A
		Layer 3: GWB wall w/ paper (corner)	L3: ND	N/A
50000-PH-267	3rd Floor, Room 210	Layer 1: Newer white texturing skim coat w/ paint	L1: ND	N/A
		Layer 2: White skim coat w/ paint	L2: ND	N/A
		Layer 3: GWB wall w/ paper (mid-wall)	L3: ND	N/A

Highlight	Asbestos Concentration ≥1%
No HL	Asbestos Concentration ≤1%
~~Red Line~~	Sample Location Not in Polaris Tower

TABLE 1
SUMMARY OF ASBESTOS BULK SAMPLING AND ANALYTICAL RESULTS
FORMER POLARIS HOTEL (PH)

SAMPLE NUMBER	SAMPLE LOCATION	MATERIAL DESCRIPTION	ASBESTOS %	TYPE OF ASBESTOS
50000-PH-268	3rd Floor, Room 212	Layer 1: Newer white texturing skim coat w/ paint Layer 2: White skim coat w/ paint Layer 3: GWB wall w/ paper (mid-wall)	L1: ND L2: ND L3: ND	N/A N/A N/A
50000-PH-269	3rd Floor, Room 209	Layer 1: Brown fabric wall paper Layer 2: Tan mastic Layer 3: Wood wall panel (on concrete column)	L1: ND L2: ND L3: ND	N/A N/A N/A
50000-PH-270	3rd Floor, Corridor at Elevators	White texturing skim coat w/ paint (on concrete walls)	ND	N/A
50000-PH-271*3	3rd Floor, Room 205, W. Wall	Layer 1: White texturing skim coat w/ paint Layer 2: Beige powdery material w/ paint Layer 3: White plaster top coat w/ paint Layer 4: Gray plaster wall (on metal lath)	L1: ND L2: 0.5% L3: ND L4: ND	N/A Chrysotile N/A N/A
50000-PH-272	3rd Floor, Corridor Center, S. Wall	Layer 1: White texturing skim coat w/ paint Layer 2: White plaster top coat w/ paint Layer 3: Gray plaster wall (on metal lath)	L1: ND L2: ND L3: ND	N/A N/A N/A
50000-PH-273	3rd Floor, Room 214, W. Wall	Layer 1: White texturing skim coat w/ paint Layer 2: White plaster top coat w/ paint Layer 3: Gray plaster wall (on metal lath)	L1: ND L2: ND L3: ND	N/A N/A N/A
50000-PH-274*3	3rd Floor, Room 203 Toilet	Layer 1: Hard wood fiber wall panel w/ white paint (w/ white caulking) Layer 2: Yellow mastic Layer 3: Tan JC w/ paint Layer 4: GWB wall w/ paint	L1: ND L2: ND L3: 0.5% L4: ND	N/A N/A Chrysotile N/A
50000-PH-275	3rd Floor, Elec. Closet	Layer 1: 4" Brown cove base Layer 2: Brown mastic	L1: ND L2: ND	N/A N/A
50000-PH-276	3rd Floor, Room 214 at Door	Layer 1: 4" Tan cove base Layer 2: Off-white mastic Layer 3: JC w/ paint	L1: ND L2: ND L3: ND	N/A N/A N/A

Highlight	Asbestos Concentration ≥1%
No HL	Asbestos Concentration ≤1%
~~Red Line~~	Sample Location Not in Polaris Tower

TABLE 1
SUMMARY OF ASBESTOS BULK SAMPLING AND ANALYTICAL RESULTS
FORMER POLARIS HOTEL (PH)

SAMPLE NUMBER	SAMPLE LOCATION	MATERIAL DESCRIPTION	ASBESTOS %	TYPE OF ASBESTOS
50000-PH-277	3rd Floor, Room 202 Toilet	Layer 1: White smooth skim coat w/ paint Layer 2: White skim coat w/ paint (on concrete deck ceiling)	L1: ND L2: ND	N/A N/A
50000-PH-278	3rd Floor, Room 211 Toilet	White smooth skim coat w/ paint (on concrete deck ceiling)	ND	N/A
50000-PH-279*	**3rd Floor, Room 210 Center**	Layer 1: Newer off-white texturing skim coat w/ paint **Layer 2: Remnant white popcorn ceiling texturing w/ paint** Layer 3: Trace white powdery material w/ paint (on concrete deck ceiling)	L1: ND **L2: 1.75%** L3: ND	N/A **Chrysotile** N/A
50000-PH-280*	**3rd Floor, Room 212 Center**	Layer 1: Newer off-white texturing skim coat w/ paint **Layer 2: Remnant white popcorn ceiling texturing w/ paint** Layer 3: Trace white powdery material w/ paint (on concrete deck ceiling)	L1: ND **L2: 2.25%** L3: ND	N/A **Chrysotile** N/A
50000-PH-281*	**3rd Floor, Room 206 Center**	**White popcorn ceiling texturing w/ paint (on concrete decking)**	**2%**	**Chrysotile**
50000-PH-282*	3rd Floor, Corridor at Door to Room 209	White popcorn ceiling texturing w/ paint (on concrete decking)	0.5%	Chrysotile
50000-PH-283*	**3rd Floor, Room 213, W. Side**	**White popcorn ceiling texturing w/ paint (on concrete decking)**	**1.75%**	**Chrysotile**
50000-PH-284	**3rd Floor, Room 204**	**Beige window glazing putty (on 7'x3.5' wood-framed windows)**	**2%**	**Chrysotile**
50000-PH-285	3rd Floor, Room 204 Bedroom	Layer 1: White window glazing coating w/ beige and off-white paint Layer 2: Glass Layer 3: Black sealant (on double pane windows)	L1: ND L2: ND L3: ND	N/A N/A N/A

Highlight	Asbestos Concentration ≥1%
No HL	Asbestos Concentration ≤1%
~~Red Line~~	Sample Location Not in Polaris Tower

TABLE 1
SUMMARY OF ASBESTOS BULK SAMPLING AND ANALYTICAL RESULTS
FORMER POLARIS HOTEL (PH)

SAMPLE NUMBER	SAMPLE LOCATION	MATERIAL DESCRIPTION	ASBESTOS %	TYPE OF ASBESTOS
50000-PH-286	**4th Floor, Room 306 Toilet**	Layer 1: Off-white SVF (w/ 9" square pattern w/ hard white backing) Layer 2: Off-white mastic Layer 3: 12"x12" Light tan/ tan VCT (w/ thick brown streaks) Layer 4: Tan mastic **Layer 5: Black mastic (on concrete)**	L1: ND L2: ND L3: ND L4: ND **L5: 3%**	N/A N/A N/A N/A **Chrysotile**
50000-PH-287	**4th Floor, Room 301 Bedroom**	Layer 1: Tan/blue carpet w/ white mesh backing Layer 2: Yellow/tan mastic Layer 3: White leveling compound **Layer 4: Black mastic (on concrete)**	L1: ND L2: ND L3: ND **L4: 3%**	N/A N/A N/A **Chrysotile**
50000-PH-288	**4th Floor, Room 301 Toilet**	Layer 1: White tub caulking Layer 2: Off-white SVF (9" square pattern w/ hard white backing) Layer 3: Off-white mastic Layer 4: 12"x12" Beige VCT (w/ colored wavy pattern) Layer 5: Tan mastic w/ paint **Layer 6: Black mastic (on concrete)**	L1: ND L2: ND L3: ND L4: ND L5: ND **L6: 3%**	N/A N/A N/A N/A N/A **Chrysotile**
50000-PH-289	**4th Floor, Room 302 Toilet**	Layer 1: Off-white SVF (9" square pattern w/ hard white backing) Layer 2: Off-white mastic Layer 3: 12"x12" Off-white/ gray VCT (w/ brown streaks) Layer 4: Tan mastic **Layer 5: Black mastic (on concrete)**	L1: ND L2: ND L3: ND L4: ND **L5: 3%**	N/A N/A N/A N/A **Chrysotile**
50000-PH-290	4th Floor, Room 302	Layer 1: Gray coating Layer 2: Yellow mirror mastic (holding mirror to frame) Layer 3: Tan mirror mastic (on wall) Layer 4: Wood mirror frame	L1: ND L2: ND L3: ND L4: ND	N/A N/A N/A N/A
50000-PH-290QA	4th Floor, Room 302	Layer 1: Yellow mirror mastic w/ paint Layer 2: Tan mirror mastic	L1; ND L2: ND	N/A N/A

Highlight	Asbestos Concentration ≥1%
No HL	Asbestos Concentration ≤1%
~~Red Line~~	Sample Location Not in Polaris Tower

TABLE 1
SUMMARY OF ASBESTOS BULK SAMPLING AND ANALYTICAL RESULTS
FORMER POLARIS HOTEL (PH)

SAMPLE NUMBER	SAMPLE LOCATION	MATERIAL DESCRIPTION	ASBESTOS %	TYPE OF ASBESTOS
50000-PH-291	4th Floor, Room 301, S. Wall	Layer 1: White texturing skim coat w/ paint Layer 2: GWB wall w/ paper (corner)	L1: ND L2: ND	N/A N/A
50000-PH-292	4th Floor, Room 301, S. Wall	Layer 1: White texturing skim coat w/ paint Layer 2: GWB wall w/ paper (mid wall)	L1: ND L2: ND	N/A N/A
50000-PH-293	4th Floor, Room 309, E. Wall	Layer 1: Soft tan mastic (associate with wood wall panels) Layer 2: White plaster top coat (on gray plaster wall)	L1: ND L2: ND	N/A N/A
50000-PH-294	4th Floor, Room 307, E. Wall	Layer 1: Wood wall panel Layer 2: Tan glue dots Layer 3: 2nd Wood wall panel Layer 4: Tan glue dots Layer 5: White GWB paper	L1: ND L2: ND L3: ND L4: ND L5: ND	N/A N/A N/A N/A N/A
50000-PH-295	4th Floor, Room 310, W. Wall	Layer 1: White texturing skim coat w/ paint Layer 2: GWB wall w/ paper (mid wall)	L1: ND L2: ND	N/A N/A
50000-PH-296	4th Floor, Room 313 Toilet	Layer 1: Hard wood fiber wall panels w/ paint Layer 2: Yellow/tan mastic Layer 3: White plaster top coat (on gray plaster wall)	L1: ND L2: ND L3: ND	N/A N/A N/A
50000-PH-297*[3]	4th Floor, Corridor at Elevators, N. Wall	Layer 1: White texturing skim coat w/ paint Layer 2: Beige skim coat w/ paint (on concrete wall)	L1: ND L2: 0.75%	N/A Chrysotile
50000-PH-298*[3]	4th Floor, Room 314, W. Wall	Layer 1: White texturing skim coat w/ paint Layer 2: Beige skim coat w/ paint Layer 3: White plaster top coat w/ paint Layer 4: Gray plaster wall (on metal lath)	L1: ND L2: 0.25% L3: ND L4: ND	N/A Chrysotile N/A N/A
50000-PH-299	4th Floor, Corridor, Between Doors to 309 & 311	Layer 1: White texturing skim coat w/ paint Layer 2: White plaster top coat w/ paint Layer 3: Gray plaster wall (on metal lath)	L1: ND L2: ND L3: ND	N/A N/A N/A

Highlight	Asbestos Concentration ≥1%
No HL	Asbestos Concentration ≤1%
~~Red Line~~	Sample Location Not in Polaris Tower

TABLE 1
SUMMARY OF ASBESTOS BULK SAMPLING AND ANALYTICAL RESULTS
FORMER POLARIS HOTEL (PH)

SAMPLE NUMBER	SAMPLE LOCATION	MATERIAL DESCRIPTION	ASBESTOS %	TYPE OF ASBESTOS
50000-PH-300*[3]	4th Floor, Room 305, Ext. Wall of Closet	Layer 1: White texturing skim coat w/ paint Layer 2: Beige skim coat w/ paint Layer 3: White plaster top coat w/ paint Layer 4: Gray plaster wall (on metal lath)	L1: ND L2: 0.5% L3: ND L4: ND	N/A Chrysotile N/A N/A
50000-PH-301	4th Floor, Room 306 Toilet	Layer 1: White smooth skim coat w/ paint Layer 2: White brittle material (on concrete ceiling deck)	L1: ND L2: ND	N/A N/A
50000-PH-302*	**4th Floor, Room 311 Toilet**	**White smooth skim coat w/ paint (on concrete ceiling deck)**	**3.5%**	**Chrysotile**
50000-PH-303	**4th Floor, Room 301 Bedroom, Center**	**White popcorn ceiling texturing w/ paint (on concrete ceiling deck)**	**3%**	**Chrysotile**
50000-PH-304	**4th Floor, Corridor Center, By Room 308**	**White popcorn ceiling texturing w/ paint (on concrete ceiling deck)**	**5%**	**Chrysotile**
50000-PH-305	**4th Floor, Room 314**	**White popcorn ceiling texturing w/ paint (on concrete ceiling deck)**	**7%**	**Chrysotile**
50000-PH-306	**5th Floor, Room 402 Toilet**	Layer 1: Yellow/tan SVF (w/ 3" square pattern and small square outlines) **Layer 2: Beige paper backing w/ tan mastic** **Layer 3: 9"x9" Dark red VAT (w/ red and white streaks)** **Layer 4: Black mastic (on concrete)**	L1: ND **L2: 49%** **L3: 3%** **L4: 2%**	N/A **Chrysotile** **Chrysotile** **Chrysotile**
50000-PH-307	**5th Floor, Room 404 Toilet**	Layer 1: 3"x2" Brown and gray hexagonal ceramic floor tiles Layer 2: Tan mastic **Layer 3: Black mastic (on concrete)** Layer 4: Gray grout (from ceramic tiles)	L1: ND L2: ND **L3: 2%** L4: ND	N/A N/A **Chrysotile** N/A

Highlight	Asbestos Concentration ≥1%
No HL	Asbestos Concentration ≤1%
~~Red Line~~	Sample Location Not in Polaris Tower

TABLE 1
SUMMARY OF ASBESTOS BULK SAMPLING AND ANALYTICAL RESULTS
FORMER POLARIS HOTEL (PH)

SAMPLE NUMBER	SAMPLE LOCATION	MATERIAL DESCRIPTION	ASBESTOS %	TYPE OF ASBESTOS
50000-PH-308	**5th Floor, Room 408 Toilet**	Layer 1: Yellow/tan SVF (w/ 9" square pattern w/ decorative detail w/ hard white backing) Layer 2: Tan mastic **Layer 3: Black mastic (on concrete)**	L1: ND L2: ND **L3: 2%**	N/A N/A **Chrysotile**
50000-PH-309	**5th Floor, Room 414 Toilet**	Layer 1: Yellow and orange SVF **Layer 2: Brown paper backing w/ tan mastic on black mastic (on concrete)**	L1: ND **L2: 53%**	N/A **Chrysotile**
50000-PH-310	5th Floor, Room 404 Toilet	Layer 1: 3"x2" Gray ceramic wall tiles (w/ brown surface) Layer 2: Yellow/tan mastic Layer 3: Brown paper Layer 4: Off-white plaster wall Layer 5: White grout (from ceramic wall tiles)	L1: ND L2: ND L3: ND L4: ND L5: ND	N/A N/A N/A N/A N/A
50000-PH-311	5th Floor, Room 404 Toilet	Layer 1: 3"x2" Gray ceramic wall tiles (w/ brown surface) Layer 2: Yellow/tan mastic Layer 3: Brown paper Layer 4: White grout (from ceramic wall tiles)	L1: ND L2: ND L3: ND L4: ND	N/A N/A N/A N/A
50000-PH-312	5th Floor, Room 408, S. Wall	Newer white window glazing putty w/ paint (on exterior section of 7'x3.5' windows)	ND	N/A
50000-PH-313	**5th Floor, Room 408, S. Wall**	Layer 1: Soft gray window glazing putty w/ paint **Layer 2: Gray window glazing putty (on 7'x3.5' wood-framed windows)**	L1: ND **L2: 2%**	N/A **Chrysotile**
50000-PH-314	5th Floor, Room 402 Bedroom	Hard white/gray window glazing putty w/ paint (on 3.5'x3.5' windows)	ND	N/A
50000-PH-315	5th Floor, Room 415, E. Wall	Tan wood wall panel mastic w/ gray paint (on GWB wall)	ND	N/A
50000-PH-316	5th Floor, Room 410 Kitchenette	Layer 1: Brown/gray mastic w/ paint Layer 2: Wood wall panels Layer 3: White plaster top coat on gray plaster wall w/ paint	L1: ND L2: ND L3: ND	N/A N/A N/A

Highlight	Asbestos Concentration ≥1%
No HL	Asbestos Concentration ≤1%
~~Red Line~~	Sample Location Not in Polaris Tower

TABLE 1
SUMMARY OF ASBESTOS BULK SAMPLING AND ANALYTICAL RESULTS
FORMER POLARIS HOTEL (PH)

SAMPLE NUMBER	SAMPLE LOCATION	MATERIAL DESCRIPTION	ASBESTOS %	TYPE OF ASBESTOS
50000-PH-317	5th Floor, Room 404, W. Wall	Layer 1: Wood wall panels w/ paint Layer 2: Brown/tan mastic Layer 3: White plaster top coat on gray plaster wall w/ paint	L1: ND L2: ND L3: ND	N/A N/A N/A
50000-PH-318	5th Floor, Room 405 Toilet	Layer 1: 4" Green/gray cove base Layer 2: Brown mastic	L1: ND L2: ND	N/A N/A
50000-PH-319	5th Floor, Room 411 Closet	Layer 1: 2" Black cove base Layer 2: Dark brown mastic w/ paint (on plaster wall)	L1: ND L2: ND	N/A N/A
50000-PH-320	5th Floor, Room 411 Toilet	Layer 1: 4" Black cove base Layer 2: Dark brown mastic w/ paint (on plaster wall)	L1: ND L2: ND	N/A N/A
50000-PH-320QA	5th Floor, Room 411 Toilet	Layer 1: 4" Black cove base Layer 2: Dark brown mastic (on plaster wall)	L1: ND L2: ND	N/A N/A
50000-PH-321	5th Floor, Room 405 Toilet	Layer 1: Hard beige coating Layer 2: Brown wall panels (w/ foliage pattern) Layer 3: Yellow mastic (on plaster wall)	L1: ND L2: ND L3: ND	N/A N/A N/A
50000-PH-322	5th Floor, Between Corridor Elevators	White texturing skim coat w/ paint (on concrete walls)	ND	N/A
50000-PH-323	5th Floor, Room 406, W. Wall	Layer 1: White texturing skim coat w/ paint Layer 2: White plaster top coat on gray plaster wall	L1: ND L2: ND	N/A N/A
50000-PH-324	5th Floor, Corridor Between Room 409 & 411	Layer 1: White texturing skim coat w/ paint Layer 2: White plaster top coat on gray plaster wall	L1: ND L2: ND	N/A N/A
50000-PH-325	5th Floor, Room 415, Closet Wall	Layer 1: White texturing skim coat w/ paint Layer 2: White plaster top coat on gray plaster wall	L1: ND L2: ND	N/A N/A
50000-PH-326	5th Floor, Room 405	2'x4' SACT w/ paint (w/ worm track and pin hole pattern)	ND	N/A
50000-PH-327*	**5th Floor, Room 406 Toilet**	**White smooth skim coat w/ paint (on concrete ceiling deck)**	**0.75%**	**Chrysotile**

Highlight	Asbestos Concentration ≥1%
No HL	Asbestos Concentration ≤1%
~~Red Line~~	Sample Location Not in Polaris Tower

TABLE 1
SUMMARY OF ASBESTOS BULK SAMPLING AND ANALYTICAL RESULTS
FORMER POLARIS HOTEL (PH)

SAMPLE NUMBER	SAMPLE LOCATION	MATERIAL DESCRIPTION	ASBESTOS %	TYPE OF ASBESTOS
50000-PH-328*	**5th Floor, Room 413 Toilet**	**White/tan smooth skim coat w/ paint (on concrete ceiling deck)**	**1.5%**	**Chrysotile**
50000-PH-329*	**5th Floor, Room 403 Center**	**Layer 1: White popcorn ceiling texturing w/ paint** Layer 2: White skim coat w/ paint (on concrete ceiling deck)	**L1: 2.75%** L2: 0.75%	**Chrysotile** Chrysotile
50000-PH-330*	**5th Floor, Corridor Above Door to Room 410**	**White popcorn ceiling texturing w/ paint**	**1.75%**	**Chrysotile**
50000-PH-331*	5th Floor, Room 412 Center	Layer 1: White popcorn ceiling texturing w/ paint Layer 2: White skim coat w/ paint (on concrete ceiling deck)	L1: 0.5% L2: 0.5%	Chrysotile Chrysotile
50000-PH-332	5th Floor, Electrical Closet in Large Electrical Panel	Layer 1: Black fibrous wrap w/ black asphaltic insulation w/ white paint Layer 2: Black rubber insulation Layer 3: Metal wire core	L1: ND L2: ND L3: ND	N/A N/A N/A
50000-PH-333	5th Floor, Electrical Closet in Large Electrical Panel	Layer 1: Black/red coating on black fibrous wrap w/ black asphaltic materials Layer 2: Black rubber insulation Layer 3: Metal wire core	L1: ND L2: ND L3: ND	N/A N/A N/A
50000-PH-334	5th Floor, Electrical Closet in Large Electrical Panel	Layer 1: Red/black coating on black fibrous wrap w/ black asphaltic materials w/ paint Layer 2: Black rubber insulation Layer 3: Metal wire core	L1: ND L2: ND L3: ND	N/A N/A N/A
50000-PH-335	5th Floor, Electrical Closet in Large Electrical Panel	Black electrical panel internal components	ND	N/A

Highlight	Asbestos Concentration ≥1%
No HL	Asbestos Concentration ≤1%
~~Red Line~~	Sample Location Not in Polaris Tower

TABLE 1
SUMMARY OF ASBESTOS BULK SAMPLING AND ANALYTICAL RESULTS
FORMER POLARIS HOTEL (PH)

SAMPLE NUMBER	SAMPLE LOCATION	MATERIAL DESCRIPTION	ASBESTOS %	TYPE OF ASBESTOS
50000-PH-335QA	5th Floor, Electrical Closet in Large Electrical Panel	Black electrical panel internal components	ND	N/A
50000-PH-336	5th Floor, Electrical Closet in Large Electrical Panel	Gray electrical panel internal components	ND	N/A
50000-PH-337	6th Floor, Room 505	Layer 1: Brown leveling compound (on concrete) Layer 2: Black mastic (on brown leveling) Layer 3: White leveling compound (on black mastic) Layer 4: Yellow/tan carpet mastic (on white leveling)	L1: ND L2: ND L3: ND L4: ND	N/A N/A N/A N/A
50000-PH-338	6th Floor, Room 508	Layer 1: Brown leveling compound (on concrete) Layer 2: Black mastic (on brown leveling) Layer 3: White leveling compound (on black mastic) Layer 4: Yellow/tan carpet mastic (on white leveling)	L1: ND L2: ND L3: ND L4: ND	N/A N/A N/A N/A
50000-PH-339	6th Floor, Room 503 Toilet	Layer 1: Off-white SVF (w/ 9" square pattern) Layer 2: Hard white backing Layer 3: Off-white/white mastic Layer 4: Brown/beige SVF (w/ 7" square pattern) Layer 5: Brown paper backing w/ mastic Layer 6: 12"x12" Beige VCT Layer 7: Tan/yellow mastic (on concrete)	L1: ND L2: ND L3: ND L4: ND L5: ND L6: ND L7: ND	N/A N/A N/A N/A N/A N/A N/A

Highlight	Asbestos Concentration ≥1%
No HL	Asbestos Concentration ≤1%
~~Red Line~~	Sample Location Not in Polaris Tower

TABLE 1
SUMMARY OF ASBESTOS BULK SAMPLING AND ANALYTICAL RESULTS
FORMER POLARIS HOTEL (PH)

SAMPLE NUMBER	SAMPLE LOCATION	MATERIAL DESCRIPTION	ASBESTOS %	TYPE OF ASBESTOS
50000-PH-340	**6th Floor, Room 501 Toilet**	Layer 1: Beige SVF (w/ wavy pattern w/ white backing beneath off-white SVF w/ 9" square pattern) **Layer 2: Brown paper backing w/ mastic** Layer 3: 12"x12" Beige VCT Layer 4: Tan/yellow mastic Layer 5: Black mastic Layer 6: Brown leveling compound	L1: ND **L2: 48%** L3: ND L4: ND L5: ND L6: ND	N/A **Chrysotile** N/A N/A N/A N/A
50000-PH-341	6th Floor, Room 504 Toilet	Layer 1: White mastic Layer 2: Orange/tan SVF (w/ 6" square & decorative pattern) Layer 3: Beige mastic Layer 4: Concrete deck	L1: ND L2: ND L3: ND L4: ND	N/A N/A N/A N/A
50000-PH-342	6th Floor, Room 502	Layer 1: Yellow foam sealant Layer 2: 4.5'x4.5' Mirror Layer 3: Dark gray mastic w/ paint Layer 4: Wood backing Layer 5: Brown/tan mastic Layer 6: Clear mastic Layer 7: Trace white plaster top coat w/ paint and paper	L1: ND L2: ND L3: ND L4: ND L5: ND L6: ND L7: ND	N/A N/A N/A N/A N/A N/A N/A
50000-PH-343	6th Floor, Corridor Between Elevator	Layer 1: 4" Tan cove base Layer 2: White mastic Layer 3: White texturing skim coat w/ paint Layer 4: Old brown mastic w/ paint	L1: ND L2: ND L3: ND L4: ND	N/A N/A N/A N/A
50000-PH-344	6th Floor, Corridor Between Elevator	Layer 1: Trace white texturing skim coat w/ multi-layered paint Layer 2: White/gray skim coat w/ paint (on concrete walls)	L1: ND L2: ND	N/A N/A
50000-PH-345	**6th Floor, Room 501**	Layer 1: Wood wall panels **Layer 2: Gray mastic** Layer 3: White plaster top coat w/ paint Layer 4: Gray plaster wall	L1: ND **L2: 4%** L3: ND L4: ND	N/A **Chrysotile** N/A N/A
50000-PH-345QA[X]	**6th Floor, Room 501**	Layer 1: Wood wall panels **Layer 2: Gray mastic** Layer 3: White plaster top coat w/ paint Layer 4: Gray plaster wall	L1: ND **L2: 2%** L3: ND L4: ND	N/A **Chrysotile** N/A N/A

Highlight	Asbestos Concentration ≥1%
No HL	Asbestos Concentration ≤1%
~~Red Line~~	Sample Location Not in Polaris Tower

TABLE 1
SUMMARY OF ASBESTOS BULK SAMPLING AND ANALYTICAL RESULTS
FORMER POLARIS HOTEL (PH)

SAMPLE NUMBER	SAMPLE LOCATION	MATERIAL DESCRIPTION	ASBESTOS %	TYPE OF ASBESTOS
50000-PH-346	**6th Floor, Room 507**	Layer 1: Wood wall panels **Layer 2: Beige mastic** Layer 3: Plaster wall w/ paint	L1: ND **L2: 4%** L3: ND	N/A **Chrysotile** N/A
50000-PH-347	6th Floor, Room 504 Toilet	Layer 1: 4" White ceramic wall tiles w/ paint (w/ tan & yellow accents) Layer 2: White grout Layer 3: Yellow/tan mastic	L1: ND L2: ND L3: ND	N/A N/A N/A
50000-PH-348	6th Floor, Room 506 Toilet	Layer 1: 4" White ceramic wall tiles (w/ bumpy surface) Layer 2: Beige grout Layer 3: Yellow/tan mastic Layer 4: Black mastic Layer 5: White plaster top coat w/ paint Layer 6: Gray plaster wall	L1: ND L2: ND L3: ND L4: ND L5: ND L6: ND	N/A N/A N/A N/A N/A N/A
50000-PH-349	6th Floor, Room 511	Layer 1: Hard wood fiber wall panel w/ paint Layer 2: Yellow/tan mastic Layer 3: Tan paper (on plaster wall)	L1: ND L2: ND L3: ND	N/A N/A N/A
50000-PH-350	6th Floor, Room 503 Kitchenette	2'x4' SACT w/ paint (w/ worm track and pin hole pattern)	ND	N/A
50000-PH-351	6th Floor, Room 509	Layer 1: Black rubber sink drain gasket w/ paint Layer 2: Hard black gasket Layer 3: Trace tan putty (on porcelain sinks)	L1: ND L2: ND L3: ND	N/A N/A N/A
50000-PH-352	6th Floor, Room 506 Toilet	Layer 1: White smooth skim coat w/ multi-layered paint Layer 2: Trace white/gray skim coat Layer 3: Trace white sandy material (on concrete ceiling deck)	L1: ND L2: ND L3: ND	N/A N/A N/A
50000-PH-353	6th Floor, Room 514 Toilet	White/off-white smooth skim coat w/ paint (on concrete ceiling deck)	ND	N/A
50000-PH-354	6th Floor, Room 504, W. Wall	Layer 1: Trace white texturing skim coat w/ paint Layer 2: White plaster top coat w/ paint Layer 3: Gray plaster wall (on metal lath)	L1: ND L2: ND L3: ND	N/A N/A N/A

Highlight	Asbestos Concentration ≥1%
No HL	Asbestos Concentration ≤1%
~~Red Line~~	Sample Location Not in Polaris Tower

TABLE 1
SUMMARY OF ASBESTOS BULK SAMPLING AND ANALYTICAL RESULTS
FORMER POLARIS HOTEL (PH)

SAMPLE NUMBER	SAMPLE LOCATION	MATERIAL DESCRIPTION	ASBESTOS %	TYPE OF ASBESTOS
50000-PH-355	6th Floor, Corridor Next to Door of Room 509	Layer 1: Trace white texturing skim coat w/ paint Layer 2: White plaster top coat w/ paint Layer 3: Gray plaster wall (on metal lath)	L1: ND L2: ND L3: ND	N/A N/A N/A
50000-PH-356	6th Floor, Room 512, E. Wall	Layer 1: Trace white texturing skim coat w/ paint Layer 2: White plaster top coat w/ paint Layer 3: Gray plaster wall (on metal lath)	L1: ND L2: ND L3: ND	N/A N/A N/A
50000-PH-357	6th Floor, Room 514 SW. Corner	White popcorn ceiling texturing w/ paint (on concrete ceiling deck)	ND	N/A
50000-PH-358*	**6th Floor, Corridor Between Doors 506 & 508**	**White popcorn ceiling texturing w/ paint (on concrete ceiling deck)**	**1.5%**	**Chrysotile**
50000-PH-359	6th Floor, Room 501, W. Side	White popcorn ceiling texturing w/ paint (on concrete ceiling deck)	ND	N/A
50000-PH-360	7th Floor, Room 602 Toilet	Layer 1: Off-white SVF w/ white backing (w/ 6" square pattern) Layer 2: Yellow mastic Layer 3: White leveling compound Layer 4: Brown leveling compound (on concrete)	L1: ND L2: ND L3: ND L4: ND	N/A N/A N/A N/A
50000-PH-361	7th Floor, Room 604 Kitchenette, in Electrical Panel	Black electrical panel internal components (in 10"x15" electrical panel)	ND	N/A
50000-PH-362	7th Floor, Room 604 Kitchenette, in Electrical Panel	Layer 1: Black electrical panel internal fuse components Layer 2: Trace white texturing overspray (in 10"x15" electrical panel)	L1: ND L2: ND	N/A N/A

Highlight	Asbestos Concentration ≥1%
No HL	Asbestos Concentration ≤1%
~~Red Line~~	Sample Location Not in Polaris Tower

TABLE 1
SUMMARY OF ASBESTOS BULK SAMPLING AND ANALYTICAL RESULTS
FORMER POLARIS HOTEL (PH)

SAMPLE NUMBER	SAMPLE LOCATION	MATERIAL DESCRIPTION	ASBESTOS %	TYPE OF ASBESTOS
50000-PH-363	7th Floor, Room 604 Kitchenette, in Electrical Panel	Layer 1: Beige coating/woven wrap Layer 2: Tan fibrous wrap Layer 3: Green woven wrap Layer 4: Blue woven wrap Layer 5: Black asphaltic fibrous wrap w/ black rubber insulation Layer 6: Metal wire core (in 10"x15" electrical panel)	L1: ND L2: ND L3: ND L4: ND L5: ND L6: ND	N/A N/A N/A N/A N/A N/A
50000-PH-363QA	7th Floor, Room 604 Kitchenette, in Electrical Panel	Layer 1: Beige coating Layer 2: Black fibrous wrap w/ black asphaltic mastic Layer 3: Black rubber insulation	L1: ND L2: ND L3: ND	N/A N/A N/A
50000-PH-364	7th Floor, Corridor Between S. Wall Elevators	White texturing skim coat w/ multi-layered paint (on concrete walls)	ND	N/A
50000-PH-365	**7th Floor, Room 614 Bedroom, E. Wall**	Layer 1: Wood wall panels **Layer 2: Gray mastic** Layer 3: Tan GWB paper	L1: ND **L2: 4%** L3: ND	N/A **Chrysotile** N/A
50000-PH-366	7th Floor, Room 607 Kitchenette	Layer 1: Tan wood wall panel mastic Layer 2: White plaster top coat w/ paint	L1: ND L2: ND	N/A N/A
50000-PH-367	7th Floor, Room 602 Toilet, E. Wall	Layer 1: 4" White ceramic wall tiles Layer 2: Yellow/tan mastic Layer 3: White plaster top coat w/ paint Layer 4: Gray plaster wall Layer 5: 4" Pink ceramic wall tiles (in pattern with white tiles) Layer 6: White grout Layer 7: Yellow/tan mastic Layer 8: White plaster top coat w/ paint Layer 9: Gray plaster wall	L1: ND L2: ND L3: ND L4: ND L5: ND L6: ND L7: ND L8: ND L9: ND	N/A N/A N/A N/A N/A N/A N/A N/A N/A
50000-PH-368	7th Floor, Room 610 Toilet, E. Wall	Layer 1: 4"x2" Black ceramic wall tiles Layer 2: White grout Layer 3: Yellow/tan mastic w/ paint (on plaster wall)	L1: ND L2: ND L3: ND	N/A N/A N/A

Highlight	Asbestos Concentration ≥1%
No HL	Asbestos Concentration ≤1%
~~Red Line~~	Sample Location Not in Polaris Tower

TABLE 1
SUMMARY OF ASBESTOS BULK SAMPLING AND ANALYTICAL RESULTS
FORMER POLARIS HOTEL (PH)

SAMPLE NUMBER	SAMPLE LOCATION	MATERIAL DESCRIPTION	ASBESTOS %	TYPE OF ASBESTOS
50000-PH-369	7th Floor, Room 602 Toilet, W. Wall	Layer 1: 4"x2" Tan ceramic wall tiles	L1: ND	N/A
		Layer 2: White grout	L2: ND	N/A
		Layer 3: Yellow/tan mastic	L3: ND	N/A
		Layer 4: White plaster top coat w/ paint	L4: ND	N/A
		Layer 5: Gray plaster wall	L5: ND	N/A
50000-PH-370	7th Floor, Room 614 Toilet, S. Wall	Layer 1: Off-white rubber wall panel covering	L1: ND	N/A
		Layer 2: Trace green mastic	L2: ND	N/A
		Layer 3: Hard wood fiber wall panel w/ paint	L3: ND	N/A
		Layer 4: Yellow/tan/brown mastic	L4: ND	N/A
		Layer 5: White plaster top coat	L5: ND	N/A
		Layer 6: Trace gray plaster wall	L6: ND	N/A
50000-PH-371	7th Floor, Room 604 Kitchenette	2'x4' SACT w/ paint (w/ worm track and pin hole pattern)	ND	N/A
50000-PH-372	7th Floor, Room 615, Small Closet	Layer 1: Smooth white skim coat w/ paint	L1: ND	N/A
		Layer 2: White plaster top coat w/ paint	L2: ND	N/A
		Layer 3: Gray plaster wall (on metal lath)	L3: ND	N/A
50000-PH-373	7th Floor, Room 603, N. Wall	Layer 1: White texturing skim coat w/ multi-layered paint	L1: ND	N/A
		Layer 2: White plaster top coat w/ paint	L2: ND	N/A
		Layer 3: Gray plaster wall (on metal lath)	L3: ND	N/A
50000-PH-374	7th Floor, Corridor Between Doors 609 & 611	Layer 1: White texturing skim coat w/ multi-layered paint	L1: ND	N/A
		Layer 2: White plaster top coat w/ paint	L2: ND	N/A
		Layer 3: Trace gray plaster wall (on metal lath)	L3: ND	N/A
50000-PH-375	7th Floor, Room 614	Layer 1: White texturing skim coat w/ paint	L1: ND	N/A
		Layer 2: Gray plaster wall (on metal lath)	L2: ND	N/A
50000-PH-376	7th Floor, Room 612	White splotched-on texturing skim coat w/ paint (on concrete ceiling deck)	ND	N/A

Highlight	Asbestos Concentration ≥1%
No HL	Asbestos Concentration ≤1%
~~Red Line~~	Sample Location Not in Polaris Tower

TABLE 1
SUMMARY OF ASBESTOS BULK SAMPLING AND ANALYTICAL RESULTS
FORMER POLARIS HOTEL (PH)

SAMPLE NUMBER	SAMPLE LOCATION	MATERIAL DESCRIPTION	ASBESTOS %	TYPE OF ASBESTOS
50000-PH-377*	7th Floor, Corridor at Door to 608	White splotched-on texturing skim coat w/ paint and vermiculite (on concrete ceiling deck)	0.5%	Chrysotile
50000-PH-378*	**7th Floor, Corridor at Door to 606**	**White splotched-on texturing skim coat w/ paint and vermiculite (on concrete ceiling deck)**	**1.25%**	**Chrysotile**
50000-PH-379	7th Floor, Room 605 Toilet	White splotched-on texturing skim coat w/ paint (on concrete ceiling deck)	ND	N/A
50000-PH-380	7th Floor, Room 601 Bedroom	Layer 1: White splotched-on texturing skim coat w/ paint Layer 2: White skim coat w/ paint (on concrete ceiling deck)	L1: ND L2: ND	N/A N/A
50000-PH-381	8th Floor, Room 702 Toilet	Layer 1: Beige SVF (w/ 6" square pattern w/ cross lines) Layer 2: White paper backing w/ yellow/tan mastic Layer 3: White brittle material Layer 4: Concrete deck	L1: ND L2: ND L3: ND L4: ND	N/A N/A N/A N/A
50000-PH-382	8th Floor, Room 705 Toilet	Layer 1: Beige SVF (w/ 6" square pattern w/ cross lines) Layer 2: Gray paper backing w/ yellow/tan mastic Layer 3: White leveling compound (on concrete)	L1: ND L2: ND L3: ND	N/A N/A N/A
50000-PH-383	**8th Floor, Room 707 Toilet**	Layer 1: 4" Pink ceramic floor tiles Layer 2: Tan mastic Layer 3: 4" Beige ceramic floor tiles Layer 4: Tan mastic Layer 5: 4" Blue ceramic floor tiles Layer 6: Tan mastic **Layer 7: 9"x9" Dark red VAT** **Layer 8: Black mastic (on concrete)**	L1: ND L2: ND L3: ND L4: ND L5: ND L6: ND **L7: 3%** **L8: 3%**	N/A N/A N/A N/A N/A N/A **Chrysotile** **Chrysotile**
50000-PH-384	8th Floor, Room 713 Toilet	Layer 1: Yellow mastic (associated w/ SVF) Layer 2: Hard brown material Layer 3: Hard black material (on concrete)	L1: ND L2: ND L3: ND	N/A N/A N/A

Highlight	Asbestos Concentration ≥1%
No HL	Asbestos Concentration ≤1%
~~Red Line~~	Sample Location Not in Polaris Tower

TABLE 1
SUMMARY OF ASBESTOS BULK SAMPLING AND ANALYTICAL RESULTS
FORMER POLARIS HOTEL (PH)

SAMPLE NUMBER	SAMPLE LOCATION	MATERIAL DESCRIPTION	ASBESTOS %	TYPE OF ASBESTOS
50000-PH-385	**8th Floor, Room 701 Bedroom**	Layer 1: Teal shag carpet Layer 2: White mesh backing Layer 3: Light yellow mastic Layer 4: Yellow foam carpet pad **Layer 5: Black mastic** Layer 6: Brown leveling compound (on concrete)	L1: ND L2: ND L3: ND L4: ND **L5: 2%** L6: ND	N/A N/A N/A N/A **Chrysotile** N/A
50000-PH-386	**8th Floor, Room 702**	Layer 1: Blue/teal carpet Layer 2: White mesh backing Layer 3: Light yellow mastic Layer 4: Blue foam material Layer 5: Yellow/brown foam carpet pad **Layer 6: 9"x9" Dark red VAT** **Layer 7: Black mastic** Layer 8: Brown leveling compound (on concrete)	L1: ND L2: ND L3: ND L4: ND L5: ND **L6: 4%** **L7: 3%** L8: ND	N/A N/A N/A N/A N/A **Chrysotile** **Chrysotile** N/A
50000-PH-387	**8th Floor, Corridor Side Hall to 704**	Layer 1: Purple/blue/pink carpet Layer 2: White mesh backing Layer 3: Beige/light yellow mastic Layer 4: Beige foam material Layer 5: Brown paper material **Layer 6: 9"x9" Dark red VAT** **Layer 7: Black mastic** Layer 8: Brown leveling compound (on concrete)	L1: ND L2: ND L3: ND L4: ND L5: ND **L6: 4%** **L7: 3%** L8: ND	N/A N/A N/A N/A N/A **Chrysotile** **Chrysotile** N/A
50000-PH-387QA	**8th Floor, Corridor Side Hall to 704**	Layer 1: Purple/blue/pink carpet Layer 2: White mesh backing w/ beige mastic Layer 3: Tan mastic Layer 4: Tan fibrous pad **Layer 5: 9"x9" Dark red VAT** **Layer 6: Black mastic (on brown leveling compound on concrete)**	L1: ND L2: ND L3: ND L4: ND **L5: 4%** **L6: 3%**	N/A N/A N/A N/A **Chrysotile** **Chrysotile**

Highlight	Asbestos Concentration ≥1%
No HL	Asbestos Concentration ≤1%
~~Red Line~~	Sample Location Not in Polaris Tower

TABLE 1
SUMMARY OF ASBESTOS BULK SAMPLING AND ANALYTICAL RESULTS
FORMER POLARIS HOTEL (PH)

SAMPLE NUMBER	SAMPLE LOCATION	MATERIAL DESCRIPTION	ASBESTOS %	TYPE OF ASBESTOS
50000-PH-388	**8th Floor, Room 705**	Layer 1: Old blue carpet (under Teal shag carpet) Layer 2: Black/gray woven fibrous backing Layer 3: Beige mastic Layer 4: Brown/gray foam material/mastic Layer 5: Trace yellow mastic **Layer 6: 9"x9" Dark red VAT** **Layer 7: Black mastic (on brown leveling compound on concrete)**	L1: ND L2: ND L3: ND L4: ND L5: ND **L6: 4%** **L7: 3%**	N/A N/A N/A N/A N/A **Chrysotile** **Chrysotile**
50000-PH-389	**8th Floor, Room 715**	Layer 1: Old green/blue carpet (under teal shag carpet, w/ black/gray woven fibrous backing) Layer 2: Beige/yellow mastic Layer 3: Brown/gray foam material/mastic Layer 4: Trace white mastic **Layer 5: 9"x9" Dark red VAT** **Layer 6: Black mastic (on brown leveling compound on concrete)**	L1: ND L2: ND L3: ND L4: ND **L5: 4%** **L6: 2%**	N/A N/A N/A N/A **Chrysotile** **Chrysotile**
50000-PH-390	8th Floor, Room 706	Layer 1: Old yellow carpet Layer 2: White fibrous backing Layer 3: Yellow/beige mastic Layer 4: Gray brittle material (on brown mastic on 9"x9" dark red VAT on brown leveling compound on concrete)	L1: ND L2: ND L3: ND L4: ND	N/A N/A N/A N/A
50000-PH-391	8th Floor, Room 706 Toilet	Layer 1: Yellow/white plastic shower/tub wall covering Layer 2: Tan mastic Layer 3: White skim coat w/ paint Layer 4: Old black mastic Layer 5: White plaster top coat Layer 6: Gray plaster wall	L1: ND L2: ND L3: ND L4: ND L5; ND L6: ND	N/A N/A N/A N/A N/A N/A

Highlight	Asbestos Concentration ≥1%
No HL	Asbestos Concentration ≤1%
~~Red Line~~	Sample Location Not in Polaris Tower

TABLE 1
SUMMARY OF ASBESTOS BULK SAMPLING AND ANALYTICAL RESULTS
FORMER POLARIS HOTEL (PH)

SAMPLE NUMBER	SAMPLE LOCATION	MATERIAL DESCRIPTION	ASBESTOS %	TYPE OF ASBESTOS
50000-PH-392	8th Floor, Corridor Between Elevators	White flattened texturing skim coat w/ paint (on concrete walls)	ND	N/A
50000-PH-393	8th Floor, Room 715, S. Wall	Layer 1: White flattened texturing skim coat w/ paint Layer 2: Gray hard material (on concrete walls)	L1: ND L2: ND	N/A N/A
50000-PH-394	8th Floor, Room 708 Toilet, E. Wall	Layer 1: 4" Off-white ceramic wall tiles (w/ bumpy surface) Layer 2: Tan mastic w/ paint Layer 3: White grout w/ paint (on plaster wall)	L1: ND L2: ND L3: ND	N/A N/A N/A
50000-PH-395	8th Floor, Room 701, E. Wall	Layer 1: White flattened texturing skim coat w/ paint Layer 2: White GWB wall w/ paper (corner)	L1: ND L2: ND	N/A N/A
50000-PH-396	8th Floor, Room 701, E. Wall	Layer 1: White flattened texturing skim coat w/ paint Layer 2: White GWB wall w/ paper (mid wall)	L1: ND L2: ND	N/A N/A
50000-PH-397	8th Floor, Room 703, N. Wall	Layer 1: White flattened texturing skim coat w/ paint Layer 2: White plaster top coat Layer 3: Gray plaster wall (on metal lath)	L1: ND L2: ND L3: ND	N/A N/A N/A
50000-PH-398	8th Floor, Corridor by Door to 708	Layer 1: White flattened texturing skim coat w/ paint Layer 2: White plaster top coat Layer 3: Gray plaster wall (on metal lath)	L1: ND L2: ND L3: ND	N/A N/A N/A
50000-PH-399	8th Floor, Room 714, S. Wall	Layer 1: White flattened texturing skim coat w/ paint Layer 2: White plaster top coat Layer 3: Gray plaster wall (on metal lath)	L1: ND L2: ND L3: ND	N/A N/A N/A
50000-PH-400	8th Floor, Room 708 Toilet, E. Wall	Layer 1: 4" White ceramic wall tiles Layer 2: Tan mastic w/ paint Layer 3: Old black mastic Layer 4: 4'x2" Black ceramic edge tiles Layer 5: Tan mastic	L1: ND L2: ND L3: ND L4: ND L5: ND	N/A N/A N/A N/A N/A

Highlight	Asbestos Concentration ≥1%
No HL	Asbestos Concentration ≤1%
~~Red Line~~	Sample Location Not in Polaris Tower

TABLE 1
SUMMARY OF ASBESTOS BULK SAMPLING AND ANALYTICAL RESULTS
FORMER POLARIS HOTEL (PH)

SAMPLE NUMBER	SAMPLE LOCATION	MATERIAL DESCRIPTION	ASBESTOS %	TYPE OF ASBESTOS
50000-PH-401	8th Floor, Room 708 Toilet, E. Wall	Layer 1: 4" Beige ceramic wall tiles and 4"x2" white ceramic edge tiles Layer 2: Trace white grout Layer 3: Tan/brown mastic Layer 4: Older black mastic	L1: ND L2: ND L3: ND L4: ND	N/A N/A N/A N/A
50000-PH-402	8th Floor, Room 704, W. Side	Layer 1: White flattened texturing skim coat w/ paint Layer 2: White plaster top coat Layer 3: Gray plaster wall (on concrete beam)	L1: ND L2: ND L3: ND	N/A N/A N/A
50000-PH-403	8th Floor, Room 710 Toilet, Center	White flattened texturing skim coat w/ paint (on concrete ceiling deck)	ND	N/A
50000-PH-404	8th Floor, Room 705 Toilet, Center	White flattened texturing skim coat w/ paint (on concrete ceiling deck)	ND	N/A
50000-PH-405	8th Floor, Room 705 Center	Layer 1: White flattened texturing skim coat w/ paint (on concrete ceiling deck) Layer 2: White brittle material	L1: ND L2: ND	N/A N/A
50000-PH-405QA[X]	8th Floor, Room 705 Center	Layer 1: White flattened texturing skim coat w/ paint (on concrete ceiling deck) Layer 2: White brittle material	L1: ND L2: <1%	N/A Chrysotile
50000-PH-406	8th Floor, Room 710 Center	Layer 1: White flattened texturing skim coat w/ paint (on concrete ceiling deck) Layer 2: White brittle material	L1: ND L2: ND	N/A N/A
50000-PH-407	8th Floor, Corridor Next to Elevators	White flattened texturing skim coat w/ paint (on concrete ceiling deck)	ND	N/A
50000-PH-408*	**8th Floor, Corridor Between 703 & 704**	**Layer 1: White flattened texturing/white remnant popcorn ceiling texturing w/ paint** Layer 2: White plaster top coat (on gray plaster enclosure on ceiling beam)	**L1: 3%** L2: ND	**Chrysotile** N/A

Highlight	Asbestos Concentration ≥1%
No HL	Asbestos Concentration ≤1%
~~Red Line~~	Sample Location Not in Polaris Tower

TABLE 1
SUMMARY OF ASBESTOS BULK SAMPLING AND ANALYTICAL RESULTS
FORMER POLARIS HOTEL (PH)

SAMPLE NUMBER	SAMPLE LOCATION	MATERIAL DESCRIPTION	ASBESTOS %	TYPE OF ASBESTOS
50000-PH-409	9th Floor, Room 802, Bedroom Closet	Layer 1: Orange/yellow/brown carpet Layer 2: Brown mesh backing w/ tan mastic Layer 3: Yellow/blue foam backing (on 9"x9" dark red VAT on brown leveling on concrete)	L1: ND L2: ND L3: ND	N/A N/A N/A
50000-PH-410	9th Floor, Room 803	Layer 1: Green/yellow/orange /brown carpet w/ white mesh backing w/ brown mastic Layer 2: Brown/white mesh backing w/ tan mastic (on 9"x9" dark red VAT w/ black mastic on brown leveling on concrete)	L1: ND L2: ND	N/A N/A
50000-PH-411	9th Floor, Room 804 Bedroom	Layer 1: Brown/yellow/black carpet w/ beige mastic w/ brown mesh backing Layer 2: Bright red carpet w/ black mesh backing w/ yellow and brown mastic Layer 3: Brown leveling compound (on 9"x9" dark red VAT w/ black mastic on brown leveling on concrete)	L1: ND L2: ND L3: ND	N/A N/A N/A
50000-PH-412	9th Floor, Corridor at Door to 806	Layer 1: Red/white carpet w/ beige mastic Layer 2: White/brown mesh backing Layer 3: Green carpet w/ beige mastic Layer 4: Brown mesh backing w/ brown paper on brown fibrous pad w/ paint (on 9"x9" dark red VAT w/ black mastic on brown leveling on concrete)	L1: ND L2: ND L3: ND L4: ND	N/A N/A N/A N/A
50000-PH-413	9th Floor, Corridor at Door to 806	Layer 1: Red carpet w/ beige mastic Layer 2: Brown mesh backing w/ mastic (on green carpet w/ brown pad on 9"x9" dark red VAT w/ black mastic on brown leveling compound)	L1: ND L2: ND	N/A N/A

Highlight	Asbestos Concentration ≥1%
No HL	Asbestos Concentration ≤1%
~~Red Line~~	Sample Location Not in Polaris Tower

TABLE 1
SUMMARY OF ASBESTOS BULK SAMPLING AND ANALYTICAL RESULTS
FORMER POLARIS HOTEL (PH)

SAMPLE NUMBER	SAMPLE LOCATION	MATERIAL DESCRIPTION	ASBESTOS %	TYPE OF ASBESTOS
50000-PH-414	9th Floor, Room 805	Layer 1: Yellow carpet mastic w/ beige mastic Layer 2: Brown/white mesh backing Layer 3: Orange carpet w/ yellow mastic w/ dark gray backing Layer 4: Tan/brown mastic (on 9"x9" dark red VAT w/ black mastic on brown leveling compound)	L1: ND L2: ND L3: ND L4: ND	N/A N/A N/A N/A
50000-PH-415	9th Floor, Room 809	Layer 1: Bright red carpet w/ tan mastic Layer 2: Tan/brown mesh backing w/ mastic Layer 3: Orange carpet w/ yellow mastic w/ white backing Layer 4: Brown carpet pad (on 9"x9" dark red VAT w/ black mastic on brown leveling compound)	L1: ND L2: ND L3: ND L4: ND	N/A N/A N/A N/A
50000-PH-416	9th Floor, Room 814	Layer 1: Brown shag carpet w/ beige/tan mastic Layer 2: Brown mesh backing (on green carpet w/ brown pad on 9"x9" dark red VAT w/ black mastic on brown leveling compound)	L1: ND L2: ND	N/A N/A
50000-PH-417	9th Floor, Room 813	Layer 1: Orange/red carpet w/ tan/brown mastic Layer 2: Brown mesh backing (on yellow carpet w/ mesh backing on 9"x9" dark red VAT w/ black mastic on brown leveling compound)	L1: ND L2: ND	N/A N/A
50000-PH-418	**9th Floor, Room 802 Toilet**	Layer 1: Yellow/tan SVT (w/ multiple square patterns) **Layer 2: Gray/brown paper backing w/ tan mastic** **Layer 3: 9"x9" Dark red VAT** **Layer 4: Black mastic** Layer 5: Trace white leveling compound Layer 6: Brown leveling compound (on concrete)	L1: ND **L2: 51%** **L3: 4%** **L4: 3%** L5: ND L6: ND	N/A **Chrysotile** **Chrysotile** **Chrysotile** N/A N/A

Highlight	Asbestos Concentration ≥1%
No HL	Asbestos Concentration ≤1%
~~Red Line~~	Sample Location Not in Polaris Tower

TABLE 1
SUMMARY OF ASBESTOS BULK SAMPLING AND ANALYTICAL RESULTS
FORMER POLARIS HOTEL (PH)

SAMPLE NUMBER	SAMPLE LOCATION	MATERIAL DESCRIPTION	ASBESTOS %	TYPE OF ASBESTOS
50000-PH-419	**9th Floor, Room 803 Toilet**	Layer 1: Yellow/orange SVF (w/ sun like pattern) **Layer 2: Beige paper backing w/ tan mastic** **Layer 3: Black mastic (on brown leveling on concrete)**	L1: ND **L2: 50%** **L3: 2%**	N/A **Chrysotile** **Chrysotile**
50000-PH-420	**9th Floor, Room 807 Toilet**	Layer 1: 4" Pink, yellow, and blue ceramic floor tiles w/ white grout Layer 2: Tan mastic **Layer 3: 9"x9" Dark red VAT** **Layer 4: Black mastic (on brown leveling on concrete)**	L1: ND L2: ND **L3: 3%** **L4: 2%**	N/A N/A **Chrysotile** **Chrysotile**
50000-PH-421	9th Floor, Room 806, W. Wall	Layer 1: 4" Black cove base Layer 2: Brown mastic	L1: ND L2: ND	N/A N/A
50000-PH-422	9th Floor, Room 806 Toilet	Layer 1: 2" Black cove base Layer 2: Brown mastic	L1: ND L2: ND	N/A N/A
50000-PH-423	9th Floor, Corridor Near Door to 806	Layer 1: 6" Black cove base Layer 2: Tan mastic Layer 3: Brown mastic	L1: ND L2: ND L3: ND	N/A N/A N/A
50000-PH-424	9th Floor, Room 802, N. Wall	Layer 1: 4" Brown cove base Layer 2: Brown mastic	L1: ND L2: ND	N/A N/A
50000-PH-425	9th Floor, Room 807 Toilet	Layer 1: 4" Beige ceramic wall tiles Layer 2: Trace white grout Layer 3: Tan mastic w/ paint Layer 4: Black mastic Layer 5: 4" White ceramic wall tiles Layer 6: White grout Layer 7: Tan mastic w/ paint Layer 8: Black mastic Layer 9: 4" Blue ceramic wall tiles Layer 10: White grout Layer 11: Tan mastic w/ paint Layer 12: Black mastic	L1: ND L2: ND L3: ND L4: ND L5: ND L6: ND L7: ND L8: ND L9: ND L10: ND L11: ND L12: ND	N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A

Highlight	Asbestos Concentration ≥1%
No HL	Asbestos Concentration ≤1%
~~Red Line~~	Sample Location Not in Polaris Tower

TABLE 1
SUMMARY OF ASBESTOS BULK SAMPLING AND ANALYTICAL RESULTS
FORMER POLARIS HOTEL (PH)

SAMPLE NUMBER	SAMPLE LOCATION	MATERIAL DESCRIPTION	ASBESTOS %	TYPE OF ASBESTOS
50000-PH-426	9th Floor, Room 809 Toilet	Layer 1: 4" White ceramic wall tiles Layer 2: Trace white grout w/ paint Layer 3: Tan mastic Layer 4: Trace black mastic Layer 5: 4" Off-white ceramic wall tiles Layer 6: White grout w/ paint Layer 7: Tan mastic Layer 8: Trace black mastic Layer 9: 4" Green ceramic wall tiles Layer 10: White grout Layer 11: Tan mastic w/ paint Layer 12: Trace black mastic	L1: ND L2: ND L3: ND L4: ND L5: ND L6: ND L7: ND L8: ND L9: ND L10: ND L11: ND L12: ND	N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A
50000-PH-427	9th Floor, Room 805 Toilet	Layer 1: 4" Pink ceramic wall tiles Layer 2: White grout Layer 3: Tan mastic Layer 4: Black mastic	L1: ND L2: ND L3: ND L4: ND	N/A N/A N/A N/A
50000-PH-428	**9th Floor, Room 815, E. Wall**	Layer 1: Wood wall panels **Layer 2: Gray/beige mastic** Layer 3: Brown GWB paper	L1: ND **L2: 2%** L3: ND	N/A **Chrysotile** N/A
50000-PH-429	**9th Floor, Room 815, E. Wall**	**Black glue dots (behind wood wall framing on concrete walls)**	**3%**	**Chrysotile**
50000-PH-429QAX	**9th Floor, Room 815, E. Wall**	**Black glue dots (behind wood wall framing on concrete walls)**	**4%**	**Chrysotile**
50000-PH-430	9th Floor, Corridor Between Elevators	Trace white splotched-on texturing skim coat w/ paint (on concrete wall)	ND	N/A
50000-PH-431	9th Floor, Room 808, E. Wall	Layer 1: Trace white splotched-on texturing skim coat w/ paint Layer 2: White plaster top coat w/ paint Layer 3: Gray plaster wall (on metal lath)	L1: ND L2: ND L3: ND	N/A N/A N/A

Highlight	Asbestos Concentration ≥1%
No HL	Asbestos Concentration ≤1%
~~Red Line~~	Sample Location Not in Polaris Tower

TABLE 1
SUMMARY OF ASBESTOS BULK SAMPLING AND ANALYTICAL RESULTS
FORMER POLARIS HOTEL (PH)

SAMPLE NUMBER	SAMPLE LOCATION	MATERIAL DESCRIPTION	ASBESTOS %	TYPE OF ASBESTOS
50000-PH-432	9th Floor, Corridor Across from Room 808	Layer 1: Trace white splotched-on texturing skim coat w/ paint Layer 2: White plaster top coat w/ paint Layer 3: Gray plaster wall (on metal lath)	L1: ND L2: ND L3: ND	N/A N/A N/A
50000-PH-433	9th Floor, Room 809	Layer 1: Trace white splotched-on texturing skim coat w/ paint Layer 2: White plaster top coat w/ paint Layer 3: Gray plaster wall (on metal lath)	L1: ND L2: ND L3: ND	N/A N/A N/A
50000-PH-434	9th Floor, Room 806, Entry Hall	Layer 1: Trace beige pipe dope Layer 2: White Teflon® w/ paint (on sprinkler line fittings)	L1: ND L2: ND	N/A N/A
50000-PH-435	9th Floor, Room 812 Toilet	White smooth skim coat w/ paint (on concrete ceiling deck)	ND	N/A
50000-PH-436	9th Floor, Room 814 Toilet	White smooth skim coat w/ paint (on concrete ceiling deck)	ND	N/A
50000-PH-437	9th Floor, Room 810	White popcorn ceiling texturing w/ paint (on concrete ceiling deck)	ND	N/A
50000-PH-438*	9th Floor, Corridor Above Door to 808	White popcorn ceiling texturing w/ paint (on concrete ceiling deck)	0.5%	Chrysotile
50000-PH-439	9th Floor, Room 801	White popcorn ceiling texturing w/ paint (on concrete ceiling deck)	ND	N/A
50000-PH-440	10th Floor, Corridor at Elevator	Layer 1: Orange decorative carpet Layer 2: Beige mastic Layer 3: Brown mesh backing Layer 4: Tan mastic Layer 5: Brown fibrous backing paper Layer 6: Tan mastic (on 9"x9" dark red VAT w/ black mastic on brown leveling compound on concrete)	L1: ND L2: ND L3: ND L4: ND L5: ND L6: ND	N/A N/A N/A N/A N/A N/A

Highlight	Asbestos Concentration ≥1%
No HL	Asbestos Concentration ≤1%
~~Red Line~~	Sample Location Not in Polaris Tower

TABLE 1
SUMMARY OF ASBESTOS BULK SAMPLING AND ANALYTICAL RESULTS
FORMER POLARIS HOTEL (PH)

SAMPLE NUMBER	SAMPLE LOCATION	MATERIAL DESCRIPTION	ASBESTOS %	TYPE OF ASBESTOS
50000-PH-441	10th Floor, Corridor Elevator	Layer 1: 4" Beige cove base Layer 2: Tan mastic	L1: ND L2: ND	N/A N/A
50000-PH-442	10th Floor, Room 902	Layer 1: Dark blue carpet (w/ diamond pattern) Layer 2: White mesh backing Layer 3: Beige mastic Layer 4: Blue soft material Layer 5: Yellow foam carpet pad (on 9"x9" dark red VAT w/ black mastic on brown leveling compound on concrete)	L1: ND L2: ND L3: ND L4: ND L5: ND	N/A N/A N/A N/A N/A
50000-PH-443	**10th Floor, Room 903**	Layer 1: Orange/pink carpet Layer 2: White and tan mesh backings Layer 3: Yellow/tan mastic Layer 4: Brown mesh Layer 5: White film coating Layer 6: Yellow foam carpet pad Layer 7: Tan mastic **Layer 8: 9"x9" Dark red VAT** **Layer 9: Black mastic** Layer 10: Brown leveling compound (on concrete)	L1: ND L2: ND L3: ND L4: ND L5: ND L6: ND L7: ND **L8: 3%** **L9: 3%** L10: ND	N/A N/A N/A N/A N/A N/A N/A **Chrysotile** **Chrysotile** N/A
50000-PH-444	10th Floor, Room 904	Layer 1: Orange carpet (under brown shag carpet) Layer 2: Gray foam backing Layer 3: Tan mastic (on 9"x9" dark red VAT w/ black mastic on brown leveling compound on concrete)	L1: ND L2: ND L3: ND	N/A N/A N/A
50000-PH-445	10th Floor, Room 906	Layer 1: Green carpet (under brown shag carpet) Layer 2: Gray foam backing Layer 3: Tan mastic (on 9"x9" dark red VAT w/ black mastic on brown leveling compound on concrete)	L1: ND L2: ND L3: ND	N/A N/A N/A
50000-PH-446	**10th Floor, Room 907**	Layer 1: Black carpet (w/ rainbow colored streaks) Layer 2: White mesh backing Layer 3: Yellow mastic **Layer 4: Black mastic (on concrete)**	L1: ND L2: ND L3: ND **L4: 3%**	N/A N/A N/A **Chrysotile**

Highlight	Asbestos Concentration ≥1%
No HL	Asbestos Concentration ≤1%
~~Red Line~~	Sample Location Not in Polaris Tower

TABLE 1
SUMMARY OF ASBESTOS BULK SAMPLING AND ANALYTICAL RESULTS
FORMER POLARIS HOTEL (PH)

SAMPLE NUMBER	SAMPLE LOCATION	MATERIAL DESCRIPTION	ASBESTOS %	TYPE OF ASBESTOS
50000-PH-447	**10th Floor, Room 914**	Layer 1: Brown carpet (thin) Layer 2: White mesh backing Layer 3: Beige mastic Layer 4: Gray foam backing Layer 5: Trace white mastic **Layer 6: 9"x9" Dark red VAT** **Layer 7: Black mastic** Layer 8: Brown leveling compound (on concrete)	L1: ND L2: ND L3: ND L4: ND L5: ND **L6: 3%** **L7: 4%** L8: ND	N/A N/A N/A N/A N/A **Chrysotile** **Chrysotile** N/A
50000-PH-448	10th Floor, Room 904 Toilet	Layer 1: 1" Green/gray ceramic floor tiles Layer 2: White grout Layer 3: Tan mastic (on concrete)	L1: ND L2: ND L3: ND	N/A N/A N/A
50000-PH-449	10th Floor, Room 910 Toilet	Layer 1: 4" Yellow and beige ceramic floor tiles Layer 2: Beige grout Layer 3: Tan mastic (on 9"x9" dark red VAT w/ black mastic on brown leveling compound on concrete)	L1: ND L2: ND L3: ND	N/A N/A N/A
50000-PH-450	10th Floor, Room 912 Toilet	Layer 1: 4" Blue ceramic floor tiles Layer 2: Beige grout Layer 3: Tan mastic (on 9"x9" dark red VAT w/ black mastic on brown leveling compound on concrete)	L1: ND L2: ND L3: ND	N/A N/A N/A
50000-PH-451	**10th Floor, Room 906 Exterior**	Layer 1: Newer white window glazing putty **Layer 2: White window glazing putty (on 7'x3.5' wood-framed windows)**	L1: ND **L2: 2%**	N/A **Chrysotile**
50000-PH-452	10th Floor, Corridor – Entry Hall to 904	Layer 1: Red electrical panel internal component Layer 2: Brown/gray paper insulator (in 5"x8" electrical timing box)	L1: ND L2: ND	N/A N/A
50000-PH-453	10th Floor, Corridor – Entry Hall to 904	Brown electrical panel internal components (in 5"x8" electrical timing box)	ND	N/A

Highlight	Asbestos Concentration ≥1%
No HL	Asbestos Concentration ≤1%
~~Red Line~~	Sample Location Not in Polaris Tower

TABLE 1
SUMMARY OF ASBESTOS BULK SAMPLING AND ANALYTICAL RESULTS
FORMER POLARIS HOTEL (PH)

SAMPLE NUMBER	SAMPLE LOCATION	MATERIAL DESCRIPTION	ASBESTOS %	TYPE OF ASBESTOS
50000-PH-454	**10th Floor, Room 906 Exterior**	**Layer 1: Brown window frame caulking** **Layer 2: Gray window frame caulking (on 7'x3.5' wood-framed windows)**	**L1: 4%** **L2: 3%**	**Chrysotile** **Chrysotile**
50000-PH-454QA[X]	**10th Floor, Room 906 Exterior**	**Layer 1: Gray window frame caulking w/ paint** **Layer 2: Brown window frame caulking w/ paint (on 7'x3.5' wood-framed windows)**	**L1: 2%** **L2: 4%**	**Chrysotile** **Chrysotile**
50000-PH-455	10th Floor, Room 903 Toilet	Layer 1: Hard wood fiber wall panels (w/ gold and blue splotches) Layer 2: Brown mastic w/ paint Layer 3: Black mastic (on plaster wall)	L1: ND L2: ND L3: ND	N/A N/A N/A
50000-PH-456	10th Floor, Room 908 Toilet	Layer 1: Black rubber sink drain gasket Layer 2: Gray hard gasket Layer 3: Trace tan putty (on porcelain sink)	L1: ND L2: ND L3: ND	N/A N/A N/A
50000-PH-457	**10th Floor, Room 910, S. Wall**	**Layer 1: Brown mastic w/ paint** Layer 2: Wood wall panels	**L1: 3%** L2: ND	**Chrysotile** N/A
50000-PH-458	10th Floor, Room 910 Toilet	Layer 1: 4" Beige ceramic wall tiles Layer 2: Beige grout Layer 3: Tan mastic Layer 4: Trace white plaster top coat w/ paint Layer 5: 4" Yellow ceramic wall tiles Layer 6: Beige grout Layer 7: Tan mastic Layer 8: White plaster top coat w/ paint	L1: ND L2: ND L3: ND L4: ND L5: ND L6: ND L7: ND L8: ND	N/A N/A N/A N/A N/A N/A N/A N/A

Highlight	Asbestos Concentration ≥1%
No HL	Asbestos Concentration ≤1%
~~Red Line~~	Sample Location Not in Polaris Tower

TABLE 1
SUMMARY OF ASBESTOS BULK SAMPLING AND ANALYTICAL RESULTS
FORMER POLARIS HOTEL (PH)

SAMPLE NUMBER	SAMPLE LOCATION	MATERIAL DESCRIPTION	ASBESTOS %	TYPE OF ASBESTOS
50000-PH-459	10th Floor, Room 912 Toilet	Layer 1: 4" Green ceramic wall tiles Layer 2: Beige grout Layer 3: Tan mastic Layer 4: Trace white plaster top coat w/ paint Layer 5: 4" White ceramic wall tiles Layer 6: Beige grout Layer 7: Tan mastic Layer 8: Trace white plaster top coat w/ paint	L1: ND L2: ND L3: ND L4: ND L5: ND L6: ND L7: ND L8: ND	N/A N/A N/A N/A N/A N/A N/A N/A
50000-PH-460	10th Floor, Corridor – Entry Hall to 904	Beige thick troweled-on texturing material w/ paint (along 2 wall edges only)	ND	N/A
50000-PH-461	10th Floor, Room 905, E. Wall	Layer 1: White texturing skim coat w/ paint Layer 2: White plaster top coat w/ paint Layer 3: Gray plaster wall (on metal lath)	L1: ND L2: ND L3: ND	N/A N/A N/A
50000-PH-462	10th Floor, Corridor Next to Door to 910	Layer 1: White texturing skim coat w/ paint Layer 2: White plaster top coat w/ paint Layer 3: Gray plaster wall (on metal lath)	L1: ND L2: ND L3: ND	N/A N/A N/A
50000-PH-463	10th Floor, Room 914, W. Wall	Layer 1: White texturing skim coat w/ paint Layer 2: White plaster top coat w/ paint Layer 3: Gray plaster wall (on metal lath)	L1: ND L2: ND L3: ND	N/A N/A N/A
50000-PH-464	10th Floor, Corridor Between Elevators	Trace white texturing skim coat w/ paint (on concrete walls)	ND	N/A
50000-PH-465	10th Floor, Room 901 Bedroom, E. Wall	Layer 1: Silver foil Layer 2: Green paper vapor barrier Layer 3: Silver foil (in walls)	L1: ND L2: ND L3: ND	N/A N/A N/A
50000-PH-466	**10th Floor, Room 901 Bedroom, E. Wall**	**Black glue dots (between wood wall framing and concrete walls)**	**3%**	**Chrysotile**

Highlight	Asbestos Concentration ≥1%
No HL	Asbestos Concentration ≤1%
~~Red Line~~	Sample Location Not in Polaris Tower

TABLE 1
SUMMARY OF ASBESTOS BULK SAMPLING AND ANALYTICAL RESULTS
FORMER POLARIS HOTEL (PH)

SAMPLE NUMBER	SAMPLE LOCATION	MATERIAL DESCRIPTION	ASBESTOS %	TYPE OF ASBESTOS
50000-PH-467*	10th Floor, Room 905 Center	Layer 1: White popcorn ceiling texturing w/ paint Layer 2: White plaster top coat Layer 3: Gray plaster ceiling	L1: 0.25% L2: ND L3: ND	Chrysotile N/A N/A
50000-PH-468*	10th Floor, Room 910 Center	Layer 1: White popcorn ceiling texturing w/ paint Layer 2: White plaster top coat Layer 3: Gray plaster ceiling	L1: 0.5% L2: ND L3: ND	Chrysotile N/A N/A
50000-PH-469*	**10th Floor, Corridor at Door to 909**	**Layer 1: White popcorn ceiling texturing w/ paint** Layer 2: White plaster top coat Layer 3: Gray plaster ceiling	**L1: 1.25%** L2: ND L3: ND	**Chrysotile** N/A N/A
50000-PH-470	10th Floor, Room 905 Toilet	Layer 1: Trace white smooth skim coat w/ paint Layer 2: White plaster top coat w/ paint Layer 3: Gray plaster ceiling	L1: ND L2: ND L3: ND	N/A N/A N/A
50000-PH-471	10th Floor, Room 912 Toilet	Layer 1: Trace white smooth skim coat w/ paint Layer 2: White plaster top coat w/ paint Layer 3: Trace gray plaster ceiling	L1: ND L2: ND L3: ND	N/A N/A N/A
50000-PH-472	10th Floor, Room 914 Center	Layer 1: Trace white smooth skim coat w/ paint Layer 2: White plaster top coat w/ paint Layer 3: Trace gray plaster ceiling	L1: ND L2: ND L3: ND	N/A N/A N/A
50000-PH-473	10th Floor, Room 908 Center	Layer 1: Trace white smooth skim coat w/ paint Layer 2: White plaster top coat w/ paint Layer 3: Trace gray plaster ceiling	L1: ND L2: ND L3: ND	N/A N/A N/A
50000-PH-474	**Penthouse, Bar Server Area**	Layer 1: 12”x12” Beige VCT Layer 2: Tan mastic **Layer 3: Black mastic** Layer 4: White leveling compound (between tan & black mastics) Layer 5: Concrete	L1: ND L2: ND **L3: 3%** L4: ND L5: ND	N/A N/A **Chrysotile** N/A N/A

Highlight	Asbestos Concentration ≥1%
No HL	Asbestos Concentration ≤1%
~~Red Line~~	Sample Location Not in Polaris Tower

TABLE 1
SUMMARY OF ASBESTOS BULK SAMPLING AND ANALYTICAL RESULTS
FORMER POLARIS HOTEL (PH)

SAMPLE NUMBER	SAMPLE LOCATION	MATERIAL DESCRIPTION	ASBESTOS %	TYPE OF ASBESTOS
50000-PH-475	**Penthouse, Kitchen Storage**	Layer 1: 12"x12" Red VCT **Layer 2: Black mastic (on concrete)**	L1: ND **L2: 3%**	N/A **Chrysotile**
50000-PH-476	**Penthouse, Fridge**	**Layer 1: 12"x12" Tan VAT** Layer 2: Yellow/clear mastic **Layer 3: Black mastic (on concrete)**	**L1: 2%** L2: ND **L3: 3%**	**Chrysotile** N/A **Chrysotile**
50000-PH-477	**Penthouse, Corridor Center**	Layer 1: Blue carpet (w/ black) Layer 2: Beige mastic Layer 3: White mesh backing Layer 4: Tan mastic Layer 5: White leveling compound **Layer 6: Black mastic** Layer 7: Brown leveling compound (on concrete)	L1: ND L2: ND L3: ND L4: ND L5: ND **L6: 3%** L7: ND	N/A N/A N/A N/A N/A **Chrysotile** N/A
50000-PH-478	Penthouse, Restaurant, N. Section	Layer 1: Blue carpet (w/ pink) Layer 2: Beige mastic Layer 3: White mesh backing Layer 4: Tan mastic Layer 5: White leveling compound (on concrete)	L1: ND L2: ND L3: ND L4: ND L5: ND	N/A N/A N/A N/A N/A
50000-PH-479	Penthouse, Men's, S. Wall	Layer 1: Green/brown hard wood fiber wall panel Layer 2: Tan mastic Layer 3: Gray plaster wall Layer 4: Brown paper	L1: ND L2: ND L3: ND L4: ND	N/A N/A N/A N/A
50000-PH-480	Penthouse, Women's, W. Wall	Layer 1: Beige/brown hard wood fiber wall panel Layer 2: Tan mastic Layer 3: Gray plaster wall Layer 4: Brown paper	L1: ND L2: ND L3: ND L4: ND	N/A N/A N/A N/A
50000-PH-480QA	Penthouse, Women's, W. Wall	Layer 1: Beige/brown hard wood fiber wall panel w/ beige paint Layer 2: Tan mastic Layer 3: White plaster wall	L1: ND L2: ND L3: ND	N/A N/A N/A
50000-PH-481	Penthouse, Bar, N. Wall	Layer 1: Trace white smooth skim coat w/ paint Layer 2: White plaster skim coat w/ paint Layer 3: Trace gray plaster wall (on wood framing)	L1: ND L2: ND L3: ND	N/A N/A N/A

Highlight	Asbestos Concentration ≥1%
No HL	Asbestos Concentration ≤1%
~~Red Line~~	Sample Location Not in Polaris Tower

TABLE 1
SUMMARY OF ASBESTOS BULK SAMPLING AND ANALYTICAL RESULTS
FORMER POLARIS HOTEL (PH)

SAMPLE NUMBER	SAMPLE LOCATION	MATERIAL DESCRIPTION	ASBESTOS %	TYPE OF ASBESTOS
50000-PH-482	Penthouse, Restaurant, NW. Section W. Wall	Layer 1: Trace white smooth skim coat w/ paint Layer 2: White plaster skim coat w/ paint Layer 3: Gray plaster wall (on wood framing) Layer 4: Brown paper vapor barrier	L1: ND L2: ND L3: ND L4: ND	N/A N/A N/A N/A
50000-PH-483	Penthouse, Restaurant, SW. Section S. Wall	Layer 1: Trace white smooth skim coat w/ paint Layer 2: White plaster skim coat w/ paint Layer 3: Gray plaster wall (on wood framing)	L1: ND L2: ND L3: ND	N/A N/A N/A
50000-PH-484	Penthouse, Corridor Center, S. Wall	Layer 1: Trace white smooth skim coat w/ paint Layer 2: White plaster skim coat w/ paint Layer 3: Gray plaster wall (on wood framing)	L1: ND L2: ND L3: ND	N/A N/A N/A
50000-PH-485	Penthouse, Kitchen, S. Wall	Layer 1: Trace white smooth skim coat w/ paint Layer 2: White plaster skim coat w/ paint Layer 3: Gray plaster wall (on wood framing)	L1: ND L2: ND L3: ND	N/A N/A N/A
50000-PH-486	Penthouse, Elevator Lobby	White smooth skim coat w/ paint (on concrete wall)	ND	N/A
50000-PH-487	**Penthouse, Bar, N. Wall**	**Black glue dots (between wood wall framing and concrete walls)**	**3%**	**Chrysotile**
50000-PH-488	**Penthouse, Kitchen Entry**	**Gray sink undercoat (on small stainless steel double sink)**	**5%**	**Chrysotile**
50000-PH-489	**Penthouse, Kitchen Entry**	Layer 1: Brown sink drain gasket Layer 2: Tan gasket **Layer 3: Tan putty** Layer 4: Clear/yellow putty Layer 5: Black putty (on small stainless steel double sink)	L1: ND L2: ND **L3: 3%** L4: ND L5: ND	N/A N/A **Chrysotile** N/A N/A

Highlight	Asbestos Concentration ≥1%
No HL	Asbestos Concentration ≤1%
~~Red Line~~	Sample Location Not in Polaris Tower

TABLE 1
SUMMARY OF ASBESTOS BULK SAMPLING AND ANALYTICAL RESULTS
FORMER POLARIS HOTEL (PH)

SAMPLE NUMBER	SAMPLE LOCATION	MATERIAL DESCRIPTION	ASBESTOS %	TYPE OF ASBESTOS
50000-PH-490	**Penthouse, Kitchen Exterior**	**Layer 1: Light gray window frame caulking w/ paint** **Layer 2: Older light gray window frame caulking** Layer 3: Brown fibrous filler (on all wood-framed windows)	**L1: 3%** **L2: 3%** L3: ND	**Chrysotile** **Chrysotile** N/A
50000-PH-491	Penthouse, Restaurant, N. Section Column	Black electrical panel internal components (in 20"x22" electrical panel)	ND	N/A
50000-PH-492	Penthouse, Electrical Closet	Layer 1: Black electrical panel internal components Layer 2: Gray electrical panel internal components (in 10"x2.5' electrical meter box)	L1: ND L2: ND	N/A N/A
50000-PH-493	Penthouse, Kitchen Electrical	Layer 1: Black electrical panel internal components Layer 2: Black switch components Layer 3: Brown backing components Layer 4: Flat black backing (in 1'x3.5' electrical panel)	L1: ND L2: ND L3: ND L4: ND	N/A N/A N/A N/A
50000-PH-494	Penthouse, Freezer / Fridge	Layer 1: Off-white foam sealant Layer 2: Clear mastic (at seams of freezer & fridge)	L1: ND L2: ND	N/A N/A
50000-PH-495	**Penthouse, Freezer**	**Beige putty/sealant (on mounts to fan units in freezer and fridge)**	**3%**	**Chrysotile**
50000-PH-496	Penthouse, Kitchen Storage	Layer 1: Black asphaltic tar Layer 2: Black asphaltic wrap (on piping in ice machine)	L1: ND L2: ND	N/A N/A
50000-PH-496QA	Penthouse, Kitchen Storage	Black asphaltic wrap (on piping in ice machine)	ND	N/A
50000-PH-497	**Penthouse, Kitchen Storage**	Layer 1: 4"-8" OD Tan/clear motor gaskets **Layer 2: 4"-8" OD Green/gray motor gaskets (on condensing units)**	L1: ND **L2: 50%**	N/A **Chrysotile**
50000-PH-498	Penthouse, Kitchen, Dish Wash Area	Layer 1: Off-white plastic/ rubber cover Layer 2: Tan mastic Layer 3: 2'x4' SACT w/ paint	L1: ND L2: ND L3: ND	N/A N/A N/A

Highlight	Asbestos Concentration ≥1%
No HL	Asbestos Concentration ≤1%
~~Red Line~~	Sample Location Not in Polaris Tower

TABLE 1
SUMMARY OF ASBESTOS BULK SAMPLING AND ANALYTICAL RESULTS
FORMER POLARIS HOTEL (PH)

SAMPLE NUMBER	SAMPLE LOCATION	MATERIAL DESCRIPTION	ASBESTOS %	TYPE OF ASBESTOS
50000-PH-499	Penthouse, Kitchen Storage	Layer 1: White plastic covering w/ trace mastic Layer 2: 2'x4' Yellow fiberglass SACT	L1: ND L2: ND	N/A N/A
50000-PH-500	Penthouse, Bar	Layer 1: White smooth skim coat w/ paint Layer 2: Tan mastic w/ paint Layer 3: White skim coat w/ paint (on concrete ceiling deck)	L1: ND L2: ND L3: ND	N/A N/A N/A
50000-PH-501	Penthouse, Restaurant, NW. Section	White smooth skim coat w/ paint (on concrete ceiling deck)	ND	N/A
50000-PH-502*	**Penthouse, Restaurant, SW. Section**	Layer 1: White smooth skim coat w/ paint **Layer 2: White skim coat w/ paint (on concrete ceiling deck)**	L1: ND **L2: 0.5%**	N/A **Chrysotile**
50000-PH-503*	**Penthouse, Corridor Center**	Layer 1: White smooth skim coat w/ paint Layer 2: Off-white powdery material **Layer 3: Trace white skim coat w/ paint** Layer 4: White sandy material (on concrete ceiling deck)	L1: ND L2: ND **L3: 0.25%** L4: ND	N/A N/A **Chrysotile** N/A
50000-PH-504*	**Penthouse, Women's**	Layer 1: White smooth skim coat w/ paint **Layer 2: White skim coat w/ paint (on concrete ceiling deck)**	L1: ND **L2: 0.75%**	N/A **Chrysotile**
50000-PH-505	**Penthouse, Restaurant, SE. Section Wall Chase**	Layer 1: Brown woven cloth wrap w/ paint **Layer 2: LB² gray corrugated cardboard TSI** **Layer 3: Brown fibrous corrugated cardboard TSI material (on metal pipe runs)**	L1: ND **L2: 60%** **L3: 2%**	N/A **Chrysotile** **Chrysotile**
50000-PH-506	**Penthouse, Restaurant, SE. Section Wall Chase**	**LB² hard mudded elbow TSI (on metal pipe elbows associated w/ #505)**	**5%** **4%**	**Amosite** **Chrysotile**

Highlight	Asbestos Concentration ≥1%
No HL	Asbestos Concentration ≤1%
~~Red Line~~	Sample Location Not in Polaris Tower

TABLE 1
SUMMARY OF ASBESTOS BULK SAMPLING AND ANALYTICAL RESULTS
FORMER POLARIS HOTEL (PH)

SAMPLE NUMBER	SAMPLE LOCATION	MATERIAL DESCRIPTION	ASBESTOS %	TYPE OF ASBESTOS
50000-PH-507	Penthouse, Kitchen, N. Wall Wet Wall	Layer 1: Off-white plaster material w/ paint Layer 2: White plaster wall Layer 3: GWB backing board w/ paper	L1: ND L2: ND L3: ND	N/A N/A N/A
50000-PH-508	Penthouse, Bar, E. Wall	Layer 1: White texturing skim coat w/ paint Layer 2: GWB wall w/ paint and paper (corner)	L1: ND L2: ND	N/A N/A
50000-PH-509	Penthouse, Bar, E. Wall	Layer 1: White texturing skim coat w/ paint Layer 2: White skim coat w/ paint Layer 3: GWB wall w/ paint and paper (mid wall)	L1: ND L2: ND L3: ND	N/A N/A N/A
50000-PH-510	Penthouse, Bar, E. Wall	Layer 1: White texturing skim coat w/ paint Layer 2: White skim coat w/ paint Layer 3: GWB wall w/ paint and paper (mid wall)	L1: ND L2: ND L3: ND	N/A N/A N/A
50000-PH-511	**10th Floor, Room 903 Hall**	**LB2 mag TSI debris (on floor and drop ceiling above)**	**7%**	**Amosite**
50000-PH-512	**10th Floor, Room 903 Hall**	**Layer 1: SB1 brown corrugated cardboard TSI debris (above SACT)** Layer 2: Outer black paper wrap	**L1: 52%** L2: ND	**Chrysotile** N/A
50000-PH-513	10th Floor, Room 901, Above Prop Ceiling	Layer 1: LB2 black woven wrap w/ black asphaltic coating Layer 2: Black bubbly hard foam insulation (on metal pipe run)	L1: ND L2: ND	N/A N/A
50000-PH-514	**8th Floor, Room 713 Toilet, Wet Wall**	Layer 1: Beige/black outer wrap **Layer 2: SB1 beige corrugated cardboard TSI** **Layer 3: Brown fibrous corrugated cardboard TSI material (on metal pipe runs)**	L1: ND **L2: 55%** **L3: 3%**	N/A **Chrysotile** **Chrysotile**
50000-PH-515	8th Floor, Room 710	White texturing overspray w/ paint (on vertical metal pipe runs)	ND	N/A

Highlight	Asbestos Concentration ≥1%
No HL	Asbestos Concentration ≤1%
~~Red Line~~	Sample Location Not in Polaris Tower

TABLE 1
SUMMARY OF ASBESTOS BULK SAMPLING AND ANALYTICAL RESULTS
FORMER POLARIS HOTEL (PH)

SAMPLE NUMBER	SAMPLE LOCATION	MATERIAL DESCRIPTION	ASBESTOS %	TYPE OF ASBESTOS
50000-PH-516*3	**6th Floor, Room 501, W. Wall**	**Layer 1: White texturing overspray w/ paint**	**L1: 0.25%**	**Chrysotile**
		Layer 2: White woven wrap w/ paint	L2: ND	N/A
		Layer 3: SB Yellow fiberglass TSI (on vertical metal pipe runs)	L3: ND	N/A
50000-PH-517	**6th Floor, Room 501 Bedroom**	Layer 1: Beige/white woven wrap w/ paint	L1: ND	N/A
		Layer 2: SB[1] mag TSI (on vertical metal pipe runs)	**L2: 6%**	**Amosite**
50000-PH-518	5th Floor, Room 406	Layer 1: White texturing overspray w/ paint	L1: ND	N/A
		Layer 2: White woven wrap w/ paint	L2: ND	N/A
		Layer 3: SB gray corrugated cardboard TSI (on vertical metal pipe runs)	L3: ND	N/A
50000-PH-519	**3rd Floor, Room 214**	Layer 1: Beige/white woven wrap w/ paint	L1: ND	N/A
		Layer 2: SB[1] mag TSI (on vertical metal pipe runs)	**L2: 5%**	**Amosite**
50000-PH-520*3	3rd Floor, Room 201 Bedroom	Layer 1: White texturing overspray w/ paint	L1: ND	N/A
		Layer 2: White texturing overspray w/ paint	L2: ND	N/A
		Layer 3: Beige texturing overspray w/ paint	L3: 0.5%	Chrysotile
		Layer 4: White woven wrap w/ paint	L4: ND	N/A
		Layer 5: White paper wrap w/ mastic	L5: ND	N/A
		Layer 6: Silver foil wrap	L6: ND	N/A
		Layer 7: White paper w/ mastic and white woven wraps	L7: ND	N/A
		Layer 8: Silver foil wrap	L8: ND	N/A
		Layer 9: Black asphaltic coating/mastic	L9: ND	N/A
		Layer 10: SB[1] yellow fiberglass TSI (on vertical metal pipe runs)	L10: ND	N/A

Highlight	Asbestos Concentration ≥1%
No HL	Asbestos Concentration ≤1%
~~Red Line~~	Sample Location Not in Polaris Tower

TABLE 1
SUMMARY OF ASBESTOS BULK SAMPLING AND ANALYTICAL RESULTS
FORMER POLARIS HOTEL (PH)

SAMPLE NUMBER	SAMPLE LOCATION	MATERIAL DESCRIPTION	ASBESTOS %	TYPE OF ASBESTOS
50000-PH-520QA[X]*[3]	3rd Floor, Room 201 Bedroom	Layer 1: White texturing overspray w/ paint Layer 2: White woven wrap Layer 3: Layers of white paper wrap w/ mastic w/ silver foil wrap Layer 4: Black asphaltic coating/mastic Layer 5: SB[1] yellow fiberglass TSI (on vertical metal pipe runs)	L1: .1% L2: ND L3: ND L4: ND L5: ND	Chrysotile N/A N/A N/A N/A
50000-PH-521	**Roof, NW. Corner**	**Layer 1: Tan glue dots** Layer 2: Yellow/white foam duct insulation (on 2'x2' & 1'x1' metal ducts)	**L1: 4%** L2: ND	**Chrysotile** N/A
50000-PH-521QA[X]	**Roof, NW. Corner**	**Layer 1: Tan glue dots** Layer 2: Yellow/white foam duct insulation (on 2'x2' & 1'x1' metal ducts)	**L1: 5%** L2: ND	**Chrysotile** N/A
50000-PH-522	**Roof, S. Side**	**Tan glue dots (on 2'x2' & 1'x1' metal ducts)**	**4%**	**Chrysotile**
50000-PH-523	Roof, NW. Corner	Layer 1: Black asphaltic tar/sealant Layer 2: Yellow foam sealant (at duct stand penetrations)	L1: ND L2: ND	N/A N/A
50000-PH-524	Roof, NW. Corner	Layer 1: Black asphaltic tar/sealant Layer 2: Yellow foam sealant (at all pipe penetrations)	L1: ND L2: ND	N/A N/A
50000-PH-525	**Roof, S. Side, S. Wall of Elevator Shaft**	Layer 1: Black asphaltic tar/sealant Layer 2: Yellow foam sealant **Layer 3: Older black asphaltic tar (at wall-roof connections)**	L1: ND L2: ND **L3: 2%**	N/A N/A **Chrysotile**
50000-PH-526	**Roof, S. Side Parapet**	**Layer 1: Black asphaltic tar/ sealant** **Layer 2: Silver/beige paint** **Layer 3: Black asphaltic tar/ sealant w/ paint** **Layer 4: Light gray/brown parapet caulking (between concrete cap and concrete walls and roofs)**	**L1: 2%** **L2: 2%** **L3: 3%** **L4: 2%**	**Chrysotile** **Chrysotile** **Chrysotile** **Chrysotile**

Highlight	Asbestos Concentration ≥1%
No HL	Asbestos Concentration ≤1%
~~Red Line~~	Sample Location Not in Polaris Tower

TABLE 1
SUMMARY OF ASBESTOS BULK SAMPLING AND ANALYTICAL RESULTS
FORMER POLARIS HOTEL (PH)

SAMPLE NUMBER	SAMPLE LOCATION	MATERIAL DESCRIPTION	ASBESTOS %	TYPE OF ASBESTOS
50000-PH-527	**Roof, S. Side Parapet**	**Layer 1: Black asphaltic vapor barrier**	**L1: 34%**	**Chrysotile**
		Layer 2: Black asphaltic tar	L2: ND	N/A
		Layer 3: Black asphaltic vapor barrier	**L3: 30%**	**Chrysotile**
		Layer 4: Black asphaltic tar (on concrete wall/parapet)	L4: ND	N/A
50000-PH-528	**Roof, S. Side Parapet**	**Layer 1: Black asphaltic vapor barrier**	**L1: 26%**	**Chrysotile**
		Layer 2: Black asphaltic tar	L2: ND	N/A
		Layer 3: Black asphaltic vapor barrier	**L3: 32%**	**Chrysotile**
		Layer 4: Black asphaltic tar	L4: ND	N/A
		Layer 5: Black asphaltic vapor barrier	**L5: 33%**	**Chrysotile**
		Layer 6: Black asphaltic tar	L6: ND	N/A
		Layer 7: Black asphaltic vapor barrier	**L7: 25%**	**Chrysotile**
		Layer 8: Black asphaltic tar	L8: ND	N/A
		Layer 9: Black asphaltic vapor barrier	**L9: 29%**	**Chrysotile**
		Layer 10: Black asphaltic tar (on concrete wall/parapet)	L10: ND	N/A
50000-PH-529	Roof, Center	Yellow foam duct insulation w/ yellow mastic (on 3.5'x2.5' metal duct)	ND	N/A
50000-PH-530	Roof, S. Side	Layer 1: Black electrical panel internal components	L1: ND	N/A
		Layer 2: Hard green/gray fibrous electrical panel internal components	L2: ND	N/A
		Layer 3: Black paper backing (in 12"x10" electrical panel)	L3: ND	N/A
50000-PH-531	**Roof, NW. Corner**	Layer 1: Black rubber roofing	L1: ND	N/A
		Layer 2: Yellow foam insulation	L2: ND	N/A
		Layer 3: Black asphaltic tar	**L3: 2%**	**Chrysotile**
		Layer 4: Black asphaltic tar	**L4: 2%**	**Chrysotile**
		Layer 5: Trace silver paint	L5: ND	N/A
		Layer 6: Black asphaltic tar	**L6: 2%**	**Chrysotile**
		Layer 7: Black asphaltic vapor barrier (start of built-up roofing layers)	L7: ND	N/A
		Layer 8: Black asphaltic tar	L8: ND	N/A
		Layer 9: Black asphaltic vapor barrier	L9: ND	N/A

Highlight	Asbestos Concentration ≥1%
No HL	Asbestos Concentration ≤1%
~~Red Line~~	Sample Location Not in Polaris Tower

TABLE 1
SUMMARY OF ASBESTOS BULK SAMPLING AND ANALYTICAL RESULTS
FORMER POLARIS HOTEL (PH)

SAMPLE NUMBER	SAMPLE LOCATION	MATERIAL DESCRIPTION	ASBESTOS %	TYPE OF ASBESTOS
		Layer 10: Black asphaltic tar	**L10: 3%**	**Chrysotile**
		Layer 11: Black asphaltic tar	L11: ND	N/A
		Layer 12: Black asphaltic vapor barrier	**L12: 28%**	**Chrysotile**
		Layer 13: Black asphaltic tar	L13: ND	N/A
		Layer 14: Black asphaltic vapor barrier	**L14: 35%**	**Chrysotile**
		Layer 15: Black asphaltic tar	L15: ND	N/A
		Layer 16: Black asphaltic vapor barrier	**L16: 27%**	**Chrysotile**
		Layer 17: Black asphaltic tar (end of build-up roofing layers)	L17: ND	N/A
		Layer 18: Brown wood fiber insulation	L18: ND	N/A
		Layer 19: Black asphaltic tar w/ black asphaltic vapor barrier	L19: ND	N/A
		Layer 20: Brown wood fiber insulation (on concrete)	L20: ND	
50000-PH-532	**Roof, NE. Corner**	Layer 1: Black rubber roofing	L1: ND	N/A
		Layer 2: Blue foam insulation	L2: ND	N/A
		Layer 3: Black asphaltic tar	L3: ND	N/A
		Layer 4: Black asphaltic vapor barrier (start of built-up roofing layers)	**L4: 34%**	**Chrysotile**
		Layer 5: Black asphaltic tar	L5: ND	N/A
		Layer 6: Black asphaltic vapor barrier	**L6: 30%**	**Chrysotile**
		Layer 7: Black asphaltic tar	L7: ND	N/A
		Layer 8: Black asphaltic vapor barrier	**L8: 27%**	**Chrysotile**
		Layer 9: Black asphaltic tar	L9: ND	N/A
		Layer 10: Black asphaltic vapor barrier	**L10: 26%**	**Chrysotile**
		Layer 11: Black asphaltic tar (end of build-up roofing layers)	L11: ND	N/A
		Layer 12: Brown wood fiber insulation	L12: ND	N/A
		Layer 13: Black asphaltic tar w/ black asphaltic vapor barrier	L13: ND	N/A
		Layer 14: Brown wood fiber insulation (on concrete)	L14: ND	N/A

Highlight	Asbestos Concentration ≥1%
No HL	Asbestos Concentration ≤1%
~~Red Line~~	Sample Location Not in Polaris Tower

TABLE 1
SUMMARY OF ASBESTOS BULK SAMPLING AND ANALYTICAL RESULTS
FORMER POLARIS HOTEL (PH)

SAMPLE NUMBER	SAMPLE LOCATION	MATERIAL DESCRIPTION	ASBESTOS %	TYPE OF ASBESTOS
50000-PH-533	**Roof, Center E.**	Layer 1: Black rubber roofing	L1: ND	N/A
		Layer 2: Blue foam insulation	L2: ND	N/A
		Layer 3: Black asphaltic tar	**L3: 2%**	**Chrysotile**
		Layer 4: Black asphaltic tar	L4: ND	N/A
		Layer 5: Black asphaltic vapor barrier (start of built-up roofing layers)	**L5: 29%**	**Chrysotile**
		Layer 6: Black asphaltic tar	L6: ND	N/A
		Layer 7: Black asphaltic vapor barrier	**L7: 32%**	**Chrysotile**
		Layer 8: Black asphaltic tar	L8: ND	N/A
		Layer 9: Black asphaltic vapor barrier	**L9: 26%**	**Chrysotile**
		Layer 10: Black asphaltic tar	L10: ND	N/A
		Layer 11: Black asphaltic vapor barrier	**L11: 29%**	**Chrysotile**
		Layer 12: Black asphaltic tar	L12: ND	N/A
		Layer 13: Black asphaltic vapor barrier	**L13: 35%**	**Chrysotile**
		Layer 14: Black asphaltic tar (end of built-up roofing layers)	L14: ND	N/A
		Layer 15: Brown wood fiber insulation	L15: ND	N/A
		Layer 16: Black asphaltic tar w/ black asphaltic vapor barrier	L16: ND	N/A
		Layer 17: Brown wood fiber insulation (on concrete)	L17: ND	N/A
50000-PH-534	**Roof, Center W.**	Layer 1: Black rubber roofing	L1: ND	N/A
		Layer 2: Blue foam insulation	L2: ND	N/A
		Layer 3: Black asphaltic tar	**L3: 3%**	**Chrysotile**
		Layer 4: Silver paint	**L4: 2%**	**Chrysotile**
		Layer 5: Black asphaltic tar	**L5: 2%**	**Chrysotile**
		Layer 6: Black asphaltic vapor barrier (start of built-up roofing layers)	L6: ND	N/A
		Layer 7: Black asphaltic vapor barrier	L7: ND	N/A
		Layer 8: Black asphaltic tar	**L8: 3%**	**Chrysotile**
		Layer 9: Black asphaltic tar	L9: ND	N/A
		Layer 10: Black asphaltic vapor barrier	**L10: 29%**	**Chrysotile**
		Layer 11: Black asphaltic tar	L11: ND	N/A
		Layer 12: Black asphaltic vapor barrier	**L12: 26%**	**Chrysotile**
		Layer 13: Black asphaltic tar	L13: ND	N/A

Highlight	Asbestos Concentration ≥1%
No HL	Asbestos Concentration ≤1%
~~Red Line~~	Sample Location Not in Polaris Tower

TABLE 1
SUMMARY OF ASBESTOS BULK SAMPLING AND ANALYTICAL RESULTS
FORMER POLARIS HOTEL (PH)

SAMPLE NUMBER	SAMPLE LOCATION	MATERIAL DESCRIPTION	ASBESTOS %	TYPE OF ASBESTOS
		Layer 14: Black asphaltic vapor barrier	**L14: 34%**	**Chrysotile**
		Layer 15: Black asphaltic tar	L15: ND	N/A
		Layer 16: Black asphaltic vapor barrier	**L16: 28%**	**Chrysotile**
		Layer 17: Black asphaltic tar	L17: ND	N/A
		Layer 18: Black asphaltic vapor barrier	**L18: 31%**	**Chrysotile**
		Layer 19: Black asphaltic tar (end of built-up roofing layers)	L19: ND	N/A
		Layer 20: Brown wood fiber insulation (on concrete)	L20: ND	N/A
50000-PH-535	**Roof, S. Side**	Layer 1: Black rubber roofing	L1: ND	N/A
		Layer 2: Blue foam insulation	L2: ND	N/A
		Layer 3: Black asphaltic tar	**L3: 3%**	**Chrysotile**
		Layer 4: Silver paint	**L4: 2%**	**Chrysotile**
		Layer 5: Black asphaltic tar	**L5: 2%**	**Chrysotile**
		Layer 6: Black asphaltic vapor barrier (start of built-up roofing layers)	L6: ND	N/A
		Layer 7: Black asphaltic vapor barrier	L7: ND	N/A
		Layer 8: Black asphaltic tar	**L8: 3%**	**Chrysotile**
		Layer 9: Black asphaltic tar	L9: ND	N/A
		Layer 10: Black asphaltic vapor barrier	**L10: 34%**	**Chrysotile**
		Layer 11: Black asphaltic tar	L11: ND	N/A
		Layer 12: Black asphaltic vapor barrier	**L12: 28%**	**Chrysotile**
		Layer 13: Black asphaltic tar	L13: ND	N/A
		Layer 14: Black asphaltic vapor barrier	**L14: 35%**	**Chrysotile**
		Layer 15: Black asphaltic tar	L15: ND	N/A
		Layer 16: Brown wood fiber insulation	L16: ND	N/A
		Layer 17: Black asphaltic tar w/ black asphaltic vapor barrier	L17: ND	N/A
		Layer 18: Brown wood fiber insulation (on concrete)	L18: ND	N/A
50000-PH-536	Roof, Penthouse Kitchen Fan Room	2' Dia black flex duct w/ white woven material (on fan units)	ND	N/A

Highlight	Asbestos Concentration ≥1%
No HL	Asbestos Concentration ≤1%
~~Red Line~~	Sample Location Not in Polaris Tower

TABLE 1
SUMMARY OF ASBESTOS BULK SAMPLING AND ANALYTICAL RESULTS
FORMER POLARIS HOTEL (PH)

SAMPLE NUMBER	SAMPLE LOCATION	MATERIAL DESCRIPTION	ASBESTOS %	TYPE OF ASBESTOS
50000-PH-537	Roof, Elevator Machine Room	Black electrical panel internal components (in large 2'x3' electrical panel)	ND	N/A
50000-PH-538	Roof, Elevator Machine Room	Black hard fibrous components (in large 1'x4'x6' elevator control panels)	ND	N/A
50000-PH-539	Roof, Elevator Machine Room	Black hard fibrous components (in large 1'x1'x6' elevator control panels)	ND	N/A
50000-PH-540	**Roof, Elevator Machine Room**	**Black electrical panel internal components (in 8"x10" electrical panel)**	**7%**	**Chrysotile**
50000-PH-541	**Roof, AHU Room Roof**	**Layer 1: Black asphaltic tar** Layer 2: Black asphaltic tar w/ black asphaltic vapor barrier (start of built-up roofing layers) Layer 3: Black asphaltic tar w/ black asphaltic vapor barrier **Layer 4: Black asphaltic vapor barrier** Layer 5: Black asphaltic tar **Layer 6: Black asphaltic vapor barrier** Layer 7: Black asphaltic tar **Layer 8: Black asphaltic vapor barrier** Layer 9: Black asphaltic tar **Layer 10: Black asphaltic vapor barrier** Layer 11: Black asphaltic tar Layer 12: Brown wood fiber insulation Layer 13: Black asphaltic tar w/ black asphaltic vapor barrier Layer 14: Brown wood fiber insulation **Layer 15: Black asphaltic vapor barrier w/ black asphaltic tar (on concrete)**	**L1: 3%** L2: ND L3: ND **L4: 33%** L5: ND **L6: 29%** L7: ND **L8: 25%** L9: ND **L10: 12%** L11: ND L12: ND L13: ND L14: ND **L15: 29%**	**Chrysotile** N/A N/A **Chrysotile** N/A **Chrysotile** N/A **Chrysotile** N/A **Chrysotile** N/A N/A N/A N/A **Chrysotile**

Highlight	Asbestos Concentration ≥1%
No HL	Asbestos Concentration ≤1%
~~Red Line~~	Sample Location Not in Polaris Tower

TABLE 1
SUMMARY OF ASBESTOS BULK SAMPLING AND ANALYTICAL RESULTS
FORMER POLARIS HOTEL (PH)

SAMPLE NUMBER	SAMPLE LOCATION	MATERIAL DESCRIPTION	ASBESTOS %	TYPE OF ASBESTOS
50000-PH-542	**Exterior, E. Side SE. Corner**	**Layer 1: Black asphaltic tar w/ black asphaltic vapor barrier**	**L1: 3%**	**Chrysotile**
		Layer 2: Black asphaltic tar (on CMU wall)	L2: ND	N/A
50000-PH-542QA[X]	**Exterior, E. Side SE. Corner**	**Layer 1: Black asphaltic tar**	**L1: 3%**	**Chrysotile**
		Layer 2: Black asphaltic vapor barrier	L2: ND	N/A
		Layer 3: Black asphaltic tar (on CMU wall)	L3: ND	N/A

KEY: ACM = asbestos containing material, **AHU** = air handling unit, **FRP** = fiberglass reinforced panels, **GWB** = gypsum wall board, **JC** = joint compound, **ND** = non-detect, **N/A** = not applicable, **OD** = outer diameter, **SACT** = suspended acoustical ceiling tiles, **SVF** = sheet vinyl flooring, **TSI** = thermal system insulation, **VAT** = vinyl asbestos tile, **VCT** = vinyl composite tile, **w/** = with

[X] *When QA lab and primary lab sample results differed, EHSI reported both in Table 1, with the QA lab result identified by the "QA" at the end of the sample number. Analytical results for all analyses are provided in Appendix A.*

[1] SB (small bore) = metal pipes with TSI that have an outside diameter of ≤ 6" (including insulation).

[2] LB (large bore) = metal pipes with TSI that have an outside diameter of > 6" (including insulation).

* EHSI re-submitted samples for re-analysis using the more precise EPA "Point Count" method. The "Point Count" analytical method is recommended by the EPA for samples with less than 10% asbestos.

[3] Preliminary analytical reports indicated that the following items contained approximately 2%-3% Chrysotile asbestos. EHSI re-submitted the following samples reported to have greater than 1% asbestos concentration for re-analysis using the more precise EPA "Point Count" method. The "Point Count" analytical method is recommended by the EPA for samples with less than 10% asbestos. Based on the results of that re-analysis, the following materials were determined to be non-ACM (e.g., containing ≤ 1% asbestos fibers). Only the "Point Count" re-analysis concentrations are listed in Table 1. Analytical results for all analyses are provided in Appendix A.

- <1% gray texturing skim coat w/ <1% white JC on non-ACM GWB walls [08,09,10] – Throughout Basement;
- <1% gray/beige penetration sealant (at 6" OD pipe penetration through CMU wall) [24] – Basement Room B2;
- <1% off-white/beige/white duct sealant/caulking (at 2'x2' duct connections to AHUs and flex ducts) [46] – Basement Room BM2;
- <1% off-white/beige/white duct sealant/caulking (on all duct and wall seams in room) [48] – Basement Room BM2;
- <1% beige/tan caulking (on wood supports for heaters on wall – 2'x6' area) [54] – Basement Room BM3;

Table 4 summarizes bulk QA lead samples, including sample number, material description, substrate, color, location, and analytical results.

Copies of the analytical laboratory report and field data forms for lead paint are included in Appendix B of this report. The "Key" provided at the end of Table 4 provides definition for acronyms.

TABLE 4
SUMMARY OF LEAD BULK QA SAMPLING AND ANALYTICAL RESULTS
FORMER POLARIS HOTEL (PH)

SAMPLE NUMBER	LOCATION	COMPONENT	SUBSTRATE	COLOR	RESULTS % Pb by WT
50000-PH-Pb01 (XRF Reading # 382)	Roof	Duct Support Column	Metal	Tan (on black)	0.1700
50000-PH-PB02 (XRF Reading # 385)	Roof, AHU Room	Door	Wood	Tan	0.1200
50000-PH-Pb03 (XRF Reading # 393)	Roof, Elevator Control Room	Heater	Metal	Dark Gray (on red)	0.5300
50000-PH-Pb04 (XRF Reading # 398)	Roof, Elevator Control Room	Transformer	Metal	Black	0.0680

TABLE 4 SUMMARY OF LEAD BULK QA SAMPLING AND ANALYTICAL RESULTS FORMER POLARIS HOTEL (PH)					
SAMPLE NUMBER	**LOCATION**	**COMPONENT**	**SUBSTRATE**	**COLOR**	**RESULTS % Pb by WT**
50000-PH-Pb05 (XRF Reading # 403)	Roof, AHU Room	Door	Metal	Gray (on green)	0.5400
50000-PH-Pb06(XRF Reading # 375)	Penthouse, Restaurant Area	Door	Metal	Green (on blue)	<0.0056
50000-PH-Pb07 (XRF Reading # 343)	10th Floor, Room 902	Window Frame	Wood	Off-white (on pink)	0.2800
50000-PH-Pb08(XRF Reading # 345)	10th Floor, Corridor	Elevator Door	Metal	Off-white	<0.0055
50000-PH-Pb09 (XRF Reading #351)	10th Floor, Room 908	Door	Metal	Black	0.0073
50000-PH-Pb10 (XRF Reading # 353)	10th Floor, Room 908	Door Frame	Metal	Gray (on beige)	0.1500
50000-PH-Pb11 (XRF Reading # 323)	9th Floor, Room 813	Door Frame	Metal	Off-white (on black)	0.2500
50000-PH-Pb12 (XRF Reading # 325)	9th Floor, Room 810	Ceiling	Concrete	Off-white	0.0380
50000-PH-Pb13(XRF Reading # 330)	9th Floor, Corridor	Wall	Concrete	Light Blue (on black on blue on white)	0.0410
50000-PH-Pb14(XRF Reading # 331)	9th Floor, Corridor	Elevator Door	Metal	Orange (w/ off-white on black)	<0.0048
~~50000-PH-Pb15~~	~~No Sample~~	~~N/A~~	~~N/A~~	~~N/A~~	~~N/A~~
~~50000-PH-Pb16~~	~~No Sample~~	~~N/A~~	~~N/A~~	~~N/A~~	~~N/A~~

TABLE 4 SUMMARY OF LEAD BULK QA SAMPLING AND ANALYTICAL RESULTS FORMER POLARIS HOTEL (PH)					
SAMPLE NUMBER	**LOCATION**	**COMPONENT**	**SUBSTRATE**	**COLOR**	**RESULTS % Pb by WT**
50000-PH-Pb17 (XRF Reading # 334)	9th Floor, Corridor	Elevator Door Frame	Metal	Gray (on orange)	<0.0054
50000-PH-Pb18 (XRF Reading # 340)	9th Floor, E. Stairwell	Floor	Concrete	Dark Blue (on brown on green)	0.2400
~~50000-PH-Pb19~~	~~No Sample~~	~~N/A~~	~~N/A~~	~~N/A~~	~~N/A~~
50000-PH-Pb20 (XRF Reading # 313)	8th Floor, Room 708	10”x15” Electrical Panel	Metal	Black (on beige)	0.0680
50000-PH-Pb21(XRF Reading # 304)	8th Floor, Room 702	Door	Metal	White (on beige on green)	0.0200
50000-PH-Pb22(XRF Reading # 308)	8th Floor, Room 704	Door	Wood	White (on beige)	0.0140
50000-PH-Pb23 (XRF Reading # 309)	8th Floor, Room 705	Door	Metal	Black (on green)	0.0800
50000-PH-Pb24 (XRF Reading # 310)	8th Floor, Room705	Door Frame	Metal	White (on gray on beige)	<0.0050
50000-PH-Pb25 (XRF Reading # 285)	6th Floor, Room 510	Door	Wood	Off-white (on beige)	0.0067
50000-PH-Pb26 (XRF Reading # 261)	5th Floor, Room 415	Door	Wood	Off-white (on beige on white on pink)	0.0180
50000-PH-Pb27(XRF Reading # 262)	5th Floor, Room 415	Door Trim	Metal	Pink (on beige)	0.0290

TABLE 4
SUMMARY OF LEAD BULK QA SAMPLING AND ANALYTICAL RESULTS
FORMER POLARIS HOTEL (PH)

SAMPLE NUMBER	LOCATION	COMPONENT	SUBSTRATE	COLOR	RESULTS % Pb by WT
50000-PH-Pb28 (XRF Reading # 264)	5th Floor, Room 412	Radiator	Metal	Off-white (on multiple color layers)	0.0230
50000-PH-Pb29 (XRF Reading # 265)	5th Floor, Room 411	Door	Metal	Pink (on white on black)	0.0320
50000-PH-Pb30 (XRF Reading # 266)	5th Floor, Room 411	Door Frame	Metal	Pink (on white on green)	0.0300
50000-PH-Pb31 (XRF Reading # 270)	5th Floor, Corridor	Wall	Plaster	Off-white	0.0460
50000-PH-Pb32 (XRF Reading # 276)	5th Floor, W. Stairwell	Door	Metal	Black (on orange on light orange on green)	0.0460
50000-PH-Pb33 (XRF Reading # 247)	4th Floor, Corridor	Elevator Door Frame	Metal	Pink (on beige)	<0.0054
50000-PH-Pb34 (XRF Reading # 224)	3rd Floor, Room 210	Door Frame	Metal	Pink (on beige on brown on white on beige on green	0.0150
50000-PH-Pb35 (XRF Reading # 207)	3rd Floor, Room 207	Window Frame	Wood	Off-white	0.0460
50000-PH-Pb36 (XRF Reading # 195)	2nd Floor, Room 102	Window Frame	Wood	Off-White	0.0900
50000-PH-Pb37 (XRF Reading # XXX)	2nd Floor, Corridor	Elevator Door	Metal	White (on black on pink)	<0.0055
50000-PH-Pb38 (XRF Reading # 211)	2nd Floor, Corridor	Door	Wood	Off-White (on black)	<0.0054

TABLE 4 SUMMARY OF LEAD BULK QA SAMPLING AND ANALYTICAL RESULTS FORMER POLARIS HOTEL (PH)					
SAMPLE NUMBER	**LOCATION**	**COMPONENT**	**SUBSTRATE**	**COLOR**	**RESULTS % Pb by WT**
50000-PH-Pb39 (XRF Reading # 212)	2nd Floor, E. Stairwell	Door	Metal	Off-White (on black on green)	0.0350
50000-PH-Pb40 (XRF Reading # 213)	2nd Floor, E. Stairwell	Door	Metal	Black (on green)	0.0620
50000-PH-Pb41 (XRF Reading # 143)	Main Floor, Bar	Soffit	Wood	White	0.0054
50000-PH-Pb42 (XRF Reading # 144)	Main Floor, Bar	Column	Concrete	Red (on beige)	0.0064
50000-PH-Pb43 (XRF Reading # 154)	Main Floor, Restaurant	Wall	CMU	White (on beige on red)	0.0075
~~50000-PH-Pb44~~	~~No Sample~~	~~N/A~~	~~N/A~~	~~N/A~~	~~N/A~~
~~50000-PH-Pb45(XRF Reading # 170)~~	~~Main Floor, Suite A~~	~~Ceiling Support Beam~~	~~Metal~~	~~Brown/Red~~	~~3.4000~~
50000-PH-Pb46 (XRF Reading # 69)	Basement, Room B12	Wall	CMU	White (on gray CMU & mortar)	0.1400
50000-PH-Pb47 (XRF Reading # 59)	Basement, Room B12	Door Frame	Metal	Off-white	0.2500
50000-PH-Pb48 (XRF Reading # 57)	Basement, Room B12	Door Frame	Metal	Pink (on light green on peach)	0.1900
50000-PH-Pb49 (XRF Reading # 55)	Basement, Room B11a	Small Electrical Panel	Wood	Blue (on black)	0.1900

TABLE 4 SUMMARY OF LEAD BULK QA SAMPLING AND ANALYTICAL RESULTS FORMER POLARIS HOTEL (PH)					
SAMPLE NUMBER	**LOCATION**	**COMPONENT**	**SUBSTRATE**	**COLOR**	**RESULTS % Pb by WT**
50000-PH-Pb50 (XRF Reading # 48)	Basement, Room B9a	HVAC Ducting	Metal	Green (on dark green)	0.1100
50000-PH-Pb51 (XRF Reading # 42)	Basement, Room BH3	Wall	Concrete	Orange (on beige)	0.0360
50000-PH-Pb52 (XRF Reading # 44)	Basement, Room BH3	Door Frame	Metal	Light Green (on orange on peach)	0.0700
50000-PH-Pb53 (XRF Reading # 43)	Basement, Room BH3	Door	Metal	Pink (on orange on blue)	0.0640
~~50000-PH-Pb54~~	~~No Sample~~	~~N/A~~	~~N/A~~	~~N/A~~	~~N/A~~
~~50000-PH-Pb55 (XRF Reading # 35)~~	~~Basement, Room BM4~~	~~Door~~	~~Metal~~	~~Pink (on green)~~	~~0.0620~~
50000-PH-Pb56 (XRF Reading # 31)	Basement, Room B8a	Door	Wood	Beige (on gray)	0.1400
50000-PH-Pb57 (XRF Reading # 27)	Basement, Room B8	Door	Metal	Pink (on orange on green)	0.0520
50000-PH-Pb58 (XRF Reading # 19)	Basement, Room BM	Door	Metal	Beige (on pink on green)	0.4000
~~50000-PH-Pb59~~	~~No Sample~~	~~N/A~~	~~N/A~~	~~N/A~~	~~N/A~~
50000-PH-Pb60 (XRF Reading # 86)	Exterior, Main Floor, W. Side	Wall	Brick & Mortar	Red	<0.0032

Key: GWB = gypsum wall board

OSHA requires employers to conduct a hazard assessment and take appropriate worker protection precautions whenever paint is disturbed that has detectable quantities of lead. If the type of work planned (e.g., cutting/grinding) will disturb the lead-containing paint, the

Attachment 3

EMSL Analytical, Inc.

200 Route 130 North Cinnaminson, NJ 08077
Phone/Fax: (800) 220-3675 / (856) 786-5974
http://www.EMSL.com / cinnasblab@EMSL.com

EMSL Order:	042123992
Customer ID:	NORT69
Customer PO:	
Project ID:	

Attention:	Sean Heaney Nortech Environmental & Engineer Cnslt. 2400 College Road Fairbanks, AK 99709	**Phone:**	(907) 452-5688
		Fax:	(907) 452-5694
		Received Date:	09/24/2021 9:45 AM
		Analysis Date:	09/28/2021 - 09/29/2021
		Collected Date:	
Project:	20-2682		

Test Report: Asbestos Analysis of Dust Samples Using Method ASTM 6480

Sample ID	Area Sampled (cm²)	Asbestos Type	Asbestos Structures	Sensitivity (str/cm²)	Concentration (str/cm²)	Comments
209-W1 042123992-0009	100	Chrysotile	6	1030	6180	Due to excessive particulate the target analytical sensitivity of 260 str/cm² was not reached.
213-W1 042123992-0010	100	Chrysotile	<2.99	2060	<6160	Due to excessive particulate the target analytical sensitivity of 260 str/cm² was not reached.
500-H-W1 042123992-0011	100	Chrysotile	7	515	3610	Due to excessive particulate the target analytical sensitivity of 260 str/cm² was not reached.
501-W1 042123992-0012	100	Chrysotile	16	5150	82400	Due to excessive particulate the target analytical sensitivity of 260 str/cm² was not reached.
802-W1 042123992-0013	100	Chrysotile	5	1030	5150	Due to excessive particulate the target analytical sensitivity of 260 str/cm² was not reached.

Analyst(s):

Debbie Little (1)

Wayne Froehlich (4)

Samantha Rundstrom, Laboratory Manager
or other approved signatory

Initial report from: 09/30/2021 00:19:25

EMSL Analytical, Inc.

200 Route 130 North Cinnaminson, NJ 08077
Phone/Fax: (800) 220-3675 / (856) 786-5974
http://www.EMSL.com / cinnasblab@EMSL.com

EMSL Order:	042123992
Customer ID:	NORT69
Customer PO:	
Project ID:	

Attention:	Sean Heaney Nortech Environmental & Engineer Cnslt. 2400 College Road Fairbanks, AK 99709	**Phone:**	(907) 452-5688
		Fax:	(907) 452-5694
		Received Date:	09/24/2021 9:45 AM
		Analysis Date:	09/28/2021 - 09/30/2021
		Collected Date:	
Project:	20-2682		

Test Report: Asbestos Analysis via Transmission Electron Microscopy ASTM Method D5755

Sample ID	Area Sampled (cm²)	Asbestos Type	Asbestos Structures	Sensitivity (str/cm²)	Concentration (str/cm²)	Comments
209-MV1 042123992-0004		Chrysotile	52	824	42800	
501-MV1 042123992-0005	100	Chrysotile	13	937	12200	
501-MV2 042123992-0006	100	Chrysotile	5	824	4120	
800-H-MV1 042123992-0007	100	None Detected	<3	824	<2470	
Blank 042123992-0008	0	None Detected	<3			Blank

Analyst(s):

Andrew Burke (1)

Ted Young (4)

Samantha Rundstrom, Laboratory Manager
or other approved signatory

Initial report from: 09/30/2021 09:41:18

Attachment 4

Laboratory Report of Analysis

To: Nortech
2400 College Road
Fairbanks, AK 99709

Report Number: **1215214**

Client Project: **20-2682 Polaris**

Dear Doug Dusek,

Enclosed are the results of the analytical services performed under the referenced project for the received samples and associated QC as applicable. The samples are certified to meet the requirements of the National Environmental Laboratory Accreditation Conference Standards. Copies of this report and supporting data will be retained in our files for a period of ten years in the event they are required for future reference. All results are intended to be used in their entirety and SGS is not responsible for use of less than the complete report. Any samples submitted to our laboratory will be retained for a maximum of fourteen (14) days from the date of this report unless other archiving requirements were included in the quote.

If there are any questions about the report or services performed during this project, please call Jennifer at (907) 562-2343. We will be happy to answer any questions or concerns which you may have.

Thank you for using SGS North America Inc. for your analytical services. We look forward to working with you again on any additional analytical needs.

Sincerely,
SGS North America Inc.

_____

Jennifer Dawkins Date
Project Manager
Jennifer.Dawkins@sgs.com

SGS North America Inc. 200 West Potter Drive, Anchorage, AK 99518
t 907.562.2343 f 907.561.5301 www.us.sgs.com

Case Narrative

SGS Client: **Nortech**
SGS Project: **1215214**
Project Name/Site: **20-2682 Polaris**
Project Contact: **Doug Dusek**

Refer to sample receipt form for information on sample condition.

1 (1215214001) PS

8082A - Surrogate recovery for decachlorobiphenyl does not meet QC criteria due to sample dilution.

2 (1215214002) PS

8082A - Surrogate recovery for decachlorobiphenyl does not meet QC criteria due to sample dilution.

LB1 for HBN 1824430 [TCLP/1135 (1631492) LB1

6020B- Lead is detected in the LB at a concentration greater than the LOQ. The associated sample concentrations are either less than the regulatory limit or greater than 10 times the LB.

1215214001(1631602MS) (1631606) MS

6020B- MS recovery for lead does not meet the QC criteria. The post digestion spike was successful.

*QC comments may be associated with the field samples found in this report. When applicable, comments will be applied to associated field samples.

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Report of Manual Integrations

Laboratory ID	Client Sample ID	Analytical Batch	Analyte	Reason
SW8082A				
1215214002	2	XGC10974	Aroclor-1260	RSP
1631423	CCV for HBN 1824405 (XGC/10966	XGC10966	Aroclor-1260	SP

Manual Integration Reason Code Descriptions

Code	Description
O	Original Chromatogram
M	Modified Chromatogram
SS	Skimmed surrogate
BLG	Closed baseline gap
RP	Reassign peak name
PIR	Pattern integration required
IT	Included tail
SP	Split peak
RSP	Removed split peak
FPS	Forced peak start/stop
BLC	Baseline correction
PNF	Peak not found by software

All DRO/RRO analysis are integrated per SOP.

Print Date: 09/08/2021 10:25:19AM

Laboratory Qualifiers

Enclosed are the analytical results associated with the above work order. The results apply to the samples as received. All results are intended to be used in their entirety and SGS is not responsible for use of less than the complete report. This document is issued by the Company under its General Conditions of Service accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx>. Attention is drawn to the limitation of liability, indenmification and jurisdiction issues defined therein.

Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. Any unauthorized alteration, forgery or falsification of the context or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

SGS maintains a formal Quality Assurance/Quality Control (QA/QC) program. A copy of our Quality Assurance Plan (QAP), which outlines this program, is available at your request. The laboratory certification numbers are AK00971 (DW Chemistry & Microbiology) & 17-021 (CS) for ADEC and 2944.01 for DOD ELAP/ISO17025 (RCRA methods: 1020B, 1311, 3010A, 3050B, 3520C, 3550C, 5030B, 5035A, 6020B, 7470A, 7471B, 8015C, 8021B, 8082A, 8260D, 8270D, 8270D-SIM, 9040C, 9045D, 9056A, 9060A, AK101 and AK102/103). SGS is only certified for the analytes listed on our Drinking Water Certification (DW methods: 200.8, 2130B, 2320B, 2510B, 300.0, 4500-CN-C,E, 4500-H-B, 4500-NO3-F, 4500-P-E and 524.2) and only those analytes will be reported to the State of Alaska for compliance. Except as specifically noted, all statements and data in this report are in conformance to the provisions set forth by the SGS QAP and, when applicable, other regulatory authorities.

The following descriptors or qualifiers may be found in your report:

*	The analyte has exceeded allowable regulatory or control limits.
!	Surrogate out of control limits.
B	Indicates the analyte is found in a blank associated with the sample.
CCV/CVA/CVB	Continuing Calibration Verification
CCCV/CVC/CVCA/CVCB	Closing Continuing Calibration Verification
CL	Control Limit
DF	Analytical Dilution Factor
DL	Detection Limit (i.e., maximum method detection limit)
E	The analyte result is above the calibrated range.
GT	Greater Than
IB	Instrument Blank
ICV	Initial Calibration Verification
J	The quantitation is an estimation.
LCS(D)	Laboratory Control Spike (Duplicate)
LLQC/LLIQC	Low Level Quantitation Check
LOD	Limit of Detection (i.e., 1/2 of the LOQ)
LOQ	Limit of Quantitation (i.e., reporting or practical quantitation limit)
LT	Less Than
MB	Method Blank
MS(D)	Matrix Spike (Duplicate)
ND	Indicates the analyte is not detected.
RPD	Relative Percent Difference
TNTC	Too Numerous To Count
U	Indicates the analyte was analyzed for but not detected.

Note: Sample summaries which include a result for "Total Solids" have already been adjusted for moisture content. All DRO/RRO analyses are integrated per SOP.

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Sample Summary

Client Sample ID	Lab Sample ID	Collected	Received	Matrix
1	1215214001	08/16/2021	08/17/2021	Solid/Soil (Wet Weight)
2	1215214002	08/16/2021	08/17/2021	Solid/Soil (Wet Weight)

Method	Method Description
SW6020B TCLP	Metals by ICP-MS
SW8082A	SW8082 PCB's

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Detectable Results Summary

Client Sample ID: **1**
Lab Sample ID: 1215214001

	Parameter	Result	Units
Polychlorinated Biphenyls	Aroclor-1254	431000	ug/kg
	Aroclor-1260	104000	ug/kg
TCLP Constituents Metals	Lead	0.882	mg/L

Client Sample ID: **2**
Lab Sample ID: 1215214002

	Parameter	Result	Units
Polychlorinated Biphenyls	Aroclor-1260	155000	ug/kg
TCLP Constituents Metals	Lead	0.167	mg/L

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Results of **1**

Client Sample ID: **1**
Client Project ID: **20-2682 Polaris**
Lab Sample ID: 1215214001
Lab Project ID: 1215214

Collection Date: 08/16/21 15:30
Received Date: 08/17/21 10:17
Matrix: Solid/Soil (Wet Weight)
Solids (%):
Location:

Results by **Polychlorinated Biphenyls**

Parameter	Result	Qual	LOQ/CL	DL	Units	DF	Allowable Limits	Date Analyzed
Aroclor-1016	46000	U	46000	11500	ug/kg	50		08/20/21 02:45
Aroclor-1221	92000	U	92000	23000	ug/kg	50		08/20/21 02:45
Aroclor-1232	46000	U	46000	11500	ug/kg	50		08/20/21 02:45
Aroclor-1242	46000	U	46000	11500	ug/kg	50		08/20/21 02:45
Aroclor-1248	46000	U	46000	11500	ug/kg	50		08/20/21 02:45
Aroclor-1254	431000		46000	11500	ug/kg	50		08/20/21 02:45
Aroclor-1260	104000		46000	11500	ug/kg	50		08/20/21 02:45
Surrogates								
Decachlorobiphenyl (surr)	0	*	60-125		%	50		08/20/21 02:45

Batch Information

Analytical Batch: XGC10967
Analytical Method: SW8082A
Analyst: CDM
Analytical Date/Time: 08/20/21 02:45
Container ID: 1215214001-A

Prep Batch: XXX45403
Prep Method: SW3550C
Prep Date/Time: 08/18/21 10:40
Prep Initial Wt./Vol.: 1.223 g
Prep Extract Vol: 5 mL

Print Date: 09/08/2021 10:25:26AM

Results of **1**

Client Sample ID: **1**
Client Project ID: **20-2682 Polaris**
Lab Sample ID: 1215214001
Lab Project ID: 1215214

Collection Date: 08/16/21 15:30
Received Date: 08/17/21 10:17
Matrix: Solid/Soil (Wet Weight)
Solids (%):
Location:

Results by **TCLP Constituents Metals**

Parameter	Result	Qual	LOQ/CL	DL	Units	DF	Allowable Limits	Date Analyzed
Lead	0.882		0.0500	0.0155	mg/L	25	(<5)	08/23/21 19:34

Batch Information

Analytical Batch: MMS11263
Analytical Method: SW6020B TCLP
Analyst: DMM
Analytical Date/Time: 08/23/21 19:34
Container ID: 1215214001-B

Prep Batch: MXT6142
Prep Method: SW3010A
Prep Date/Time: 08/20/21 16:24
Prep Initial Wt./Vol.: 2.5 mL
Prep Extract Vol: 25 mL

Print Date: 09/08/2021 10:25:26AM

Results of **2**

Client Sample ID: **2**
Client Project ID: **20-2682 Polaris**
Lab Sample ID: 1215214002
Lab Project ID: 1215214

Collection Date: 08/16/21 15:30
Received Date: 08/17/21 10:17
Matrix: Solid/Soil (Wet Weight)
Solids (%):
Location:

Results by **Polychlorinated Biphenyls**

Parameter	Result	Qual	LOQ/CL	DL	Units	DF	Allowable Limits	Date Analyzed
Aroclor-1016	45200	U	45200	11300	ug/kg	50		08/30/21 20:31
Aroclor-1221	90400	U	90400	22600	ug/kg	50		08/30/21 20:31
Aroclor-1232	45200	U	45200	11300	ug/kg	50		08/30/21 20:31
Aroclor-1242	45200	U	45200	11300	ug/kg	50		08/30/21 20:31
Aroclor-1248	45200	U	45200	11300	ug/kg	50		08/30/21 20:31
Aroclor-1254	45200	U	45200	11300	ug/kg	50		08/30/21 20:31
Aroclor-1260	155000		45200	11300	ug/kg	50		08/30/21 20:31
Surrogates								
Decachlorobiphenyl (surr)	0	*	60-125		%	50		08/30/21 20:31

Batch Information

Analytical Batch: XGC10974
Analytical Method: SW8082A
Analyst: CDM
Analytical Date/Time: 08/30/21 20:31
Container ID: 1215214002-A

Prep Batch: XXX45435
Prep Method: SW3550C
Prep Date/Time: 08/24/21 12:18
Prep Initial Wt./Vol.: 1.244 g
Prep Extract Vol: 5 mL

Print Date: 09/08/2021 10:25:26AM

Results of **2**

Client Sample ID: **2**
Client Project ID: **20-2682 Polaris**
Lab Sample ID: 1215214002
Lab Project ID: 1215214

Collection Date: 08/16/21 15:30
Received Date: 08/17/21 10:17
Matrix: Solid/Soil (Wet Weight)
Solids (%):
Location:

Results by **TCLP Constituents Metals**

Parameter	Result	Qual	LOQ/CL	DL	Units	DF	Allowable Limits	Date Analyzed
Lead	0.167		0.0500	0.0155	mg/L	25	(<5)	08/23/21 21:20

Batch Information

Analytical Batch: MMS11263
Analytical Method: SW6020B TCLP
Analyst: DMM
Analytical Date/Time: 08/23/21 21:20
Container ID: 1215214002-B

Prep Batch: MXT6142
Prep Method: SW3010A
Prep Date/Time: 08/20/21 16:24
Prep Initial Wt./Vol.: 2.5 mL
Prep Extract Vol: 25 mL

Print Date: 09/08/2021 10:25:26AM

Method Blank

Blank ID: LB1 for HBN 1824430 [TCLP/1135
Blank Lab ID: 1631492

Matrix: Solid/Soil (Wet Weight)

QC for Samples:
1215214001, 1215214002

Results by **SW6020B TCLP**

Parameter	Results	LOQ/CL	DL	Units
Lead	0.0167J	0.0500	0.0155	mg/L

Batch Information

Analytical Batch: MMS11263
Analytical Method: SW6020B TCLP
Instrument: Perkin Elmer Nexlon P5
Analyst: DMM
Analytical Date/Time: 8/23/2021 7:30:35PM

Prep Batch: MXT6142
Prep Method: SW3010A
Prep Date/Time: 8/20/2021 4:24:12PM
Prep Initial Wt./Vol.: 2.5 mL
Prep Extract Vol: 25 mL

Method Blank

Blank ID: MB for HBN 1824449 [MXT/6142]
Blank Lab ID: 1631603

Matrix: Water (Surface, Eff., Ground)

QC for Samples:
1215214001, 1215214002

Results by **SW6020B TCLP**

Parameter	Results	LOQ/CL	DL	Units
Lead	0.00250U	0.00500	0.00155	mg/L

Batch Information

Analytical Batch: MMS11263
Analytical Method: SW6020B TCLP
Instrument: Perkin Elmer Nexlon P5
Analyst: DMM
Analytical Date/Time: 8/23/2021 7:22:07PM

Prep Batch: MXT6142
Prep Method: SW3010A
Prep Date/Time: 8/20/2021 4:24:12PM
Prep Initial Wt./Vol.: 25 mL
Prep Extract Vol: 25 mL

Blank Spike Summary

Blank Spike ID: LCS for HBN 1215214 [MXT6142]
Blank Spike Lab ID: 1631604
Date Analyzed: 08/23/2021 20:46

Matrix: Water (Surface, Eff., Ground)

QC for Samples: 1215214001, 1215214002

Results by **SW6020B TCLP**

Blank Spike (mg/L)

Parameter	Spike	Result	Rec (%)	CL
Lead	1	1.10	110	(88-115)

Batch Information

Analytical Batch: **MMS11263**
Analytical Method: **SW6020B TCLP**
Instrument: **Perkin Elmer Nexion P5**
Analyst: **DMM**

Prep Batch: **MXT6142**
Prep Method: **SW3010A**
Prep Date/Time: **08/20/2021 16:24**
Spike Init Wt./Vol.: 1 mg/L Extract Vol: 25 mL
Dupe Init Wt./Vol.: Extract Vol:

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Matrix Spike Summary

Original Sample ID: 1631602
MS Sample ID: 1631606 MS
MSD Sample ID: 1631607 MSD

Analysis Date: 08/23/2021 19:34
Analysis Date: 08/23/2021 19:39
Analysis Date: 08/23/2021 19:43
Matrix: Solid/Soil (Wet Weight)

QC for Samples: 1215214001, 1215214002

Results by **SW6020B TCLP**

		Matrix Spike (mg/L)			Spike Duplicate (mg/L)					
Parameter	Sample	Spike	Result	Rec (%)	Spike	Result	Rec (%)	CL	RPD (%)	RPD CL
Lead	0.882	10.0	12.5	116 *	10.0	11.8	110	88-115	5.47	(< 20)

Batch Information

Analytical Batch: MMS11263
Analytical Method: SW6020B TCLP
Instrument: Perkin Elmer Nexlon P5
Analyst: DMM
Analytical Date/Time: 8/23/2021 7:39:03PM

Prep Batch: MXT6142
Prep Method: Waters Digest for Metals by ICP-MS(TCLP)
Prep Date/Time: 8/20/2021 4:24:12PM
Prep Initial Wt./Vol.: 2.50mL
Prep Extract Vol: 25.00mL

Print Date: 09/08/2021 10:25:31AM

Original Sample ID: 1631602
MS Sample ID: 1631605 BNT
MSD Sample ID:

QC for Samples: 1215214001, 1215214002

Analysis Date: 08/23/2021 19:34
Analysis Date: 08/23/2021 19:47
Analysis Date:
Matrix: Solid/Soil (Wet Weight)

Results by **SW6020B TCLP**

		Matrix Spike (mg/L)			Spike Duplicate (mg/L)					
Parameter	Sample	Spike	Result	Rec (%)	Spike	Result	Rec (%)	CL	RPD (%)	RPD CL
Lead	0.882	62.5	65.6	104				75-125		

Batch Information

Analytical Batch: MMS11263
Analytical Method: SW6020B TCLP
Instrument: Perkin Elmer Nexlon P5
Analyst: DMM
Analytical Date/Time: 8/23/2021 7:47:00PM

Prep Batch: MXT6142
Prep Method: Waters Digest for Metals by ICP-MS(TCLP)
Prep Date/Time: 8/20/2021 4:24:12PM
Prep Initial Wt./Vol.: 2.50mL
Prep Extract Vol: 25.00mL

Print Date: 09/08/2021 10:25:31AM

Method Blank

Blank ID: MB for HBN 1824295 [XXX/45403]
Blank Lab ID: 1630865

Matrix: Soil/Solid (dry weight)

QC for Samples:
1215214001

Results by **SW8082A**

Parameter	Results	LOQ/CL	DL	Units
Aroclor-1016	25.0U	50.0	12.5	ug/kg
Aroclor-1221	50.0U	100	25.0	ug/kg
Aroclor-1232	25.0U	50.0	12.5	ug/kg
Aroclor-1242	25.0U	50.0	12.5	ug/kg
Aroclor-1248	25.0U	50.0	12.5	ug/kg
Aroclor-1254	25.0U	50.0	12.5	ug/kg
Aroclor-1260	25.0U	50.0	12.5	ug/kg
Surrogates				
Decachlorobiphenyl (surr)	105	60-125		%

Batch Information

Analytical Batch: XGC10966
Analytical Method: SW8082A
Instrument: Agilent 7890B GC ECD SW R
Analyst: CDM
Analytical Date/Time: 8/19/2021 1:14:00AM

Prep Batch: XXX45403
Prep Method: SW3550C
Prep Date/Time: 8/18/2021 10:40:11AM
Prep Initial Wt./Vol.: 22.5 g
Prep Extract Vol: 5 mL

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Blank Spike Summary

Blank Spike ID: LCS for HBN 1215214 [XXX45403]
Blank Spike Lab ID: 1630866
Date Analyzed: 08/19/2021 01:24

Matrix: Soil/Solid (dry weight)

QC for Samples: 1215214001

Results by **SW8082A**

Blank Spike (ug/kg)

Parameter	Spike	Result	Rec (%)	CL
Aroclor-1016	222	156	70	(47-134)
Aroclor-1260	222	222	100	(53-140)
Surrogates				
Decachlorobiphenyl (surr)	88.9		110	(60-125)

Batch Information

Analytical Batch: **XGC10966**
Analytical Method: **SW8082A**
Instrument: **Agilent 7890B GC ECD SW R**
Analyst: **CDM**

Prep Batch: **XXX45403**
Prep Method: **SW3550C**
Prep Date/Time: **08/18/2021 10:40**
Spike Init Wt./Vol.: 222 ug/kg Extract Vol: 5 mL
Dupe Init Wt./Vol.: Extract Vol:

SGS North America Inc.
200 West Potter Drive Anchorage, AK 95518
t 907.562.2343 f 907.561.5301 www.us.sgs.com

Matrix Spike Summary

Original Sample ID: 1215225048
MS Sample ID: 1630867 MS
MSD Sample ID: 1630868 MSD

QC for Samples: 1215214001

Analysis Date: 08/19/2021 2:26
Analysis Date: 08/19/2021 2:36
Analysis Date: 08/19/2021 2:47
Matrix: Soil/Solid (dry weight)

Results by **SW8082A**

		Matrix Spike (ug/kg)			Spike Duplicate (ug/kg)					
Parameter	Sample	Spike	Result	Rec (%)	Spike	Result	Rec (%)	CL	RPD (%)	RPD CL
Aroclor-1016	28.4U	252	172	68	255	175	69	47-134	2.12	(< 30)
Aroclor-1260	28.4U	252	235	93	255	239	94	53-140	1.73	(< 30)
Surrogates										
Decachlorobiphenyl (surr)		101	96.0	95	102	99.2	98	60-125	3.26	

Batch Information

Analytical Batch: XGC10966
Analytical Method: SW8082A
Instrument: Agilent 7890B GC ECD SW R
Analyst: CDM
Analytical Date/Time: 8/19/2021 2:36:00AM

Prep Batch: XXX45403
Prep Method: Sonication Extraction Soil SW8082 PCB
Prep Date/Time: 8/18/2021 10:40:11AM
Prep Initial Wt./Vol.: 22.70g
Prep Extract Vol: 5.00mL

Print Date: 09/08/2021 10:25:37AM

Method Blank

Blank ID: MB for HBN 1824554 [XXX/45435]
Blank Lab ID: 1632008

Matrix: Soil/Solid (dry weight)

QC for Samples:
1215214002

Results by **SW8082A**

Parameter	Results	LOQ/CL	DL	Units
Aroclor-1016	25.0U	50.0	12.5	ug/kg
Aroclor-1221	50.0U	100	25.0	ug/kg
Aroclor-1232	25.0U	50.0	12.5	ug/kg
Aroclor-1242	25.0U	50.0	12.5	ug/kg
Aroclor-1248	25.0U	50.0	12.5	ug/kg
Aroclor-1254	25.0U	50.0	12.5	ug/kg
Aroclor-1260	25.0U	50.0	12.5	ug/kg
Surrogates				
Decachlorobiphenyl (surr)	85	60-125		%

Batch Information

Analytical Batch: XGC10974
Analytical Method: SW8082A
Instrument: Agilent 7890B GC ECD SW R
Analyst: CDM
Analytical Date/Time: 8/30/2021 4:53:00PM

Prep Batch: XXX45435
Prep Method: SW3550C
Prep Date/Time: 8/24/2021 12:18:12PM
Prep Initial Wt./Vol.: 22.5 g
Prep Extract Vol: 5 mL

Print Date: 09/08/2021 10:25:39AM

Blank Spike Summary

Blank Spike ID: LCS for HBN 1215214 [XXX45435]
Blank Spike Lab ID: 1632009
Date Analyzed: 08/30/2021 17:04

Matrix: Soil/Solid (dry weight)

QC for Samples: 1215214002

Results by **SW8082A**

Blank Spike (ug/kg)

Parameter	Spike	Result	Rec (%)	CL
Aroclor-1016	222	187	84	(47-134)
Aroclor-1260	222	207	93	(53-140)
Surrogates				
Decachlorobiphenyl (surr)	88.9		93	(60-125)

Batch Information

Analytical Batch: **XGC10974**
Analytical Method: **SW8082A**
Instrument: **Agilent 7890B GC ECD SW R**
Analyst: **CDM**

Prep Batch: **XXX45435**
Prep Method: **SW3550C**
Prep Date/Time: **08/24/2021 12:18**
Spike Init Wt./Vol.: 222 ug/kg Extract Vol: 5 mL
Dupe Init Wt./Vol.: Extract Vol:

SGS North America Inc.
200 West Potter Drive Anchorage, AK 95518
t 907.562.2343 f 907.561.5301 www.us.sgs.com

Matrix Spike Summary

Original Sample ID: 1215276001
MS Sample ID: 1632010 MS
MSD Sample ID: 1632011 MSD

QC for Samples: 1215214002

Analysis Date: 08/30/2021 17:16
Analysis Date: 08/30/2021 17:26
Analysis Date: 08/30/2021 17:37
Matrix: Soil/Solid (dry weight)

Results by **SW8082A**

		Matrix Spike (ug/kg)			Spike Duplicate (ug/kg)					
Parameter	Sample	Spike	Result	Rec (%)	Spike	Result	Rec (%)	CL	RPD (%)	RPD CL
Aroclor-1016	27.1U	241	229	95	244	216	89	47-134	5.22	(< 30)
Aroclor-1260	27.1U	241	174	72	244	156	64	53-140	10.50	(< 30)
Surrogates										
Decachlorobiphenyl (surr)		96.2	76.9	80	97.5	77.9	80	60-125	1.30	

Batch Information

Analytical Batch: XGC10974
Analytical Method: SW8082A
Instrument: Agilent 7890B GC ECD SW R
Analyst: CDM
Analytical Date/Time: 8/30/2021 5:26:00PM

Prep Batch: XXX45435
Prep Method: Sonication Extraction Soil SW8082 PCB
Prep Date/Time: 8/24/2021 12:18:12PM
Prep Initial Wt./Vol.: 22.86g
Prep Extract Vol: 5.00mL

Print Date: 09/08/2021 10:25:44AM

SGS GALSON CHAIN OF CUSTODY

1215214

Turn Around Time (TAT):	(surcharge)
☑ Standard	0%
☐ 4 Business Days	35%
☐ 3 Business Days	50%
☐ 2 Business Days	75%
☐ Next Day by 6pm	100%
☐ Next Day by Noon	150%
☐ Same Day	200%

☐ Samples submitted using the FreePumpLoan™ Program

☐ Samples submitted using the FreeSamplingBadges™ Program

Client Acct No.: 14468

Original Prep No.:

Online COC No.: 231952

Report To : Mr. Sean Heaney
Company Name : NORTECH Env. & Eng. Consultants
Address 1 : 2400 College Road
Address 2 :
City, State Zip : Fairbanks, AK 99709
Phone No. : 907 - 452 - 5688
Cell No. : 253 - 797 - 3855
Email reports to : sean.heaney@nortechengr.com
Email EDD to : sean.heaney@nortechengr.com
Comments :

Invoice To : Accounts Payable
Company Name : NORTECH Env. & Eng. Consultants
Address 1 : 2400 College Road
Address 2 :
City, State Zip : Fairbanks, AK 99709
Phone No. :
Email Address : ap@nortechengr.com
Comments :
P.O. No. : 20-2682
Payment info. : ☐ I will call SGS Galson to provide credit card info
☐ Card on File (enter the last five digits on the line below)

Comments :

State Sampled : Alaska

Please indicate which OEL(s) this data will be used for :
☐ OSHA PEL ☐ ACGIH TLV ☐ MSHA ☐ Cal OSHA
☐ IAQ : _____ Specify Limit(s) ☐ Other : _____ Specify Other

Site Name : POLARIS | Project : 20-2682 | Sampled By : Doug Dusek | List description of industry or Process/interferences present in sampling area :

Sample ID (Maximum of 20 Characters)	Date Sampled	Collection Medium	Sample Volume Sample Time Sample Area	Liters Minutes in², cm², ft²	Analysis Requested	Method Reference ^	Hexavalent Chromium Process (e.g., welding, plating, painting, etc.)
1 1A	8/13/2021	BULK	N/A	N/A	~~{RCRA 8}~~ LEAD	TCLP	
1 1B					PCB		
2 2A					LEAD	TCLP	
2 2B					PCB		

☐ ^ If the method(s) indicated on the COC are not our routine/preferred method(s), we will substitute our routine/preferred methods. If this is not acceptable, check here to have us contact you.

Chain of Custody	Print Name / Signature	Date	Time		Print Name / Signature	Date	Time
Relinquished By :	Doug Dusek	8/16/2021	12:45	Received By :	Jen Dawkins	8-16-21	1500
Relinquished By :	Jen Dawkins 8-16-21 1530			Received By :	Ryan Conlon	8/17/21	10:17

Samples received after 3pm will be considered as next day's business.

Hand Delivered

Online COC No. : 231952
Prep No. :
Account No. : 14468
Finalized : 8/16/2021 4:49:07 PM

All services are rendered in accordance with the applicable SGS General Conditions of Service accessible via: http://www.sgs.com/en/Terms-and-Conditions.aspx

IF 1B, 3.0 D23

Page 22 of 26

SGS North America, Inc. | 6601 Kirkville Road E. Syracuse, NY 13057, USA t +1 888 432 5227 | +1 315 432 5227 www.galsonlabs.com | www.sgs.com

e-Sample Receipt Form FBK

SGS Workorder #:	Nortech	Nortech

Review Criteria	Condition (Yes, No, N/A	Exceptions Noted below
Chain of Custody / Temperature Requirements		Yes Exemption permitted if sampler hand carries/delivers.
Were Custody Seals intact? Note # & location	N/A	
COC accompanied samples?	Yes	
DOD: Were samples received in COC corresponding coolers?	N/A	
Yes **Exemption permitted if chilled & collected <8 hours ago, or for samples where chilling is not required		
Temperature blank compliant* (i.e., 0-6 °C after CF)?		Cooler ID: @ °C Therm. ID:
If samples received without a temperature blank, the "cooler temperature" will be documented instead & "COOLER TEMP" will be noted to the right. "ambient" or "chilled" will be noted if neither is available.		Cooler ID: @ °C Therm. ID:
		Cooler ID: @ °C Therm. ID:
		Cooler ID: @ °C Therm. ID:
If >6°C, were samples collected <8 hours ago?		chilling not required
If <0°C, were sample containers ice free?		
Note: Identify containers received at non-compliant temperature . Use form FS-0029 if more space is needed.		
Holding Time / Documentation / Sample Condition Requirements		Note: Refer to form F-083 "Sample Guide" for specific holding times.
Do samples **match COC**** (i.e.,sample IDs,dates/times collected)?	N/C	
**Note: If times differ <1hr, record details & login per COC.		
***Note: If sample information on containers differs from COC, SGS will default to COC information		
Were samples in good condition (no leaks/cracks/breakage)?	Yes	
Were analytical requests clear? (i.e., method is specified for analyses with multiple option for analysis (Ex: BTEX, Metals)	Yes	
Were Trip Blanks (i.e., VOAs, LL-Hg) in cooler with samples?	N/A	
Were all water VOA vials free of headspace (i.e., bubbles ≤ 6mm)?	N/A	
Were all soil VOAs field extracted with MeOH+BFB?	N/A	
For Rush/Short Hold Time, was RUSH/Short HT email sent?	N/A	
Note to Client: Any "No", answer above indicates non-compliance with standard procedures and may impact data quality.		

Additional notes (if applicable):

SGS Profile #	341954	341954

SGS North America Inc.
200 W. Potter Drive, Anchorage, AK 99518
phone (907) 562-2343, fax (907) 561-5301

Characterization of TCLP Samples for LIMS Login

Date Characterized: 8/17/21 **Analyst:** RJC

Sample Container ID:	Matrix %	Is sufficient volume/mass available?	Notes:
1	Xylene miscible (Top layer * = matrix 3 **) —	Yes / No	If multiple jars were received, were they consistent? (Yes) / No / NA If biphasic, was there **only** one layer with sufficient sample ? Yes / No / (NA) Sample description/other observations: paint chips **Are samples Glycol or Solvent in appearance or odor? If yes schedule TCLP Metals matrix 6 acode.
	Water miscible (Middle layer = matrix 6) —		
	Solid (Bottom layer = matrix 7 or 2 if % solids required) 100		
2	Xylene miscible (Top layer * = matrix 3 **) —	Yes / No	If multiple jars were received, were they consistent? (Yes) / No / NA If biphasic, was there **only** one layer with sufficient sample ? Yes / No / (NA) Sample description/other observations: paint chips **Are samples Glycol or Solvent in appearance or odor? If yes schedule TCLP Metals matrix 6 acode.
	Water miscible (Middle layer = matrix 6) —		
	Solid (Bottom layer = matrix 7 or 2 if % solids required) 100		
	Xylene miscible (Top layer * = matrix 3 **)	Yes / No	If multiple jars were received, were they consistent? Yes / No / NA If biphasic, was there **only** one layer with sufficient sample ? Yes / No / NA Sample description/other observations: **Are samples Glycol or Solvent in appearance or odor? If yes schedule TCLP Metals matrix 6 acode.
	Water miscible (Middle layer = matrix 6)		
	Solid (Bottom layer = matrix 7 or 2 if % solids required)		
	Xylene miscible (Top layer * = matrix 3 **)	Yes / No	If multiple jars were received, were they consistent? Yes / No / NA If biphasic, was there **only** one layer with sufficient sample ? Yes / No / NA Sample description/other observations: **Are samples Glycol or Solvent in appearance or odor? If yes schedule TCLP Metals matrix 6 acode.
	Water miscible (Middle layer = matrix 6)		
	Solid (Bottom layer = matrix 7 or 2 if % solids required)		
	Xylene miscible (Top layer * = matrix 3 **)	Yes / No	If multiple jars were received, were they consistent? Yes / No / NA If biphasic, was there **only** one layer with sufficient sample ? Yes / No / NA Sample description/other observations: **Are samples Glycol or Solvent in appearance or odor? If yes schedule TCLP Metals matrix 6 acode.
	Water miscible (Middle layer = matrix 6)		
	Solid (Bottom layer = matrix 7 or 2 if % solids required)		

Remember: **** = Chlorinated oils will be heavier than water and present as the bottom later.***
***** = Oils must be filterable to be logged in as matrix 3. Nonfilterable oils must be logged in as matrix 7.***
****** = Refer to F078 'Characterization of TCLP Samples for LIMS' to determine if there's sufficent volume/mass.***

e-Sample Receipt Form

SGS Workorder #: **1215214** | 1215214

Review Criteria	Condition (Yes, No, N/A)	Exceptions Noted below
Chain of Custody / Temperature Requirements		N/A: Exemption permitted if sampler hand carries/delivers.
Were Custody Seals intact? Note # & location	Yes	1F, 1B
COC accompanied samples?	Yes	
DOD: Were samples received in COC corresponding coolers?	N/A	
N/A **Exemption permitted if chilled & collected <8 hours ago, or for samples where chilling is not required		
Temperature blank compliant* (i.e., 0-6 °C after CF)?	Yes	Cooler ID: 1 @ 3.0 °C Therm. ID: D23
If samples received without a temperature blank, the "cooler temperature" will be documented instead & "COOLER TEMP" will be noted to the right. "ambient" or "chilled" will be noted if neither is available.		Cooler ID: @ °C Therm. ID:
		Cooler ID: @ °C Therm. ID:
		Cooler ID: @ °C Therm. ID:
		Cooler ID: @ °C Therm. ID:
*If >6°C, were samples collected <8 hours ago?	N/A	
If <0°C, were sample containers ice free?	N/A	
Note: Identify containers received at non-compliant temperature . Use form FS-0029 if more space is needed.		
Holding Time / Documentation / Sample Condition Requirements		Note: Refer to form F-083 "Sample Guide" for specific holding times.
Were samples received within holding time?	Yes	
Do samples **match COC**** (i.e.,sample IDs,dates/times collected)?	No	collection time not stated on COC. Relinquished time used instead.
**Note: If times differ <1hr, record details & login per COC.		
***Note: If sample information on containers differs from COC, SGS will default to COC informati		
Were analytical requests clear? (i.e., method is specified for analyses with multiple option for analysis (Ex: BTEX, Metals)	Yes	
		N/A: ***Exemption permitted for metals (e.g,200.8/6020A).
Were proper containers (type/mass/volume/preservative***)used?	Yes	
Volatile / LL-Hg Requirements		
Were Trip Blanks (i.e., VOAs, LL-Hg) in cooler with samples?	N/A	
Were all water VOA vials free of headspace (i.e., bubbles ≤ 6mm)?	N/A	
Were all soil VOAs field extracted with MeOH+BFB?	N/A	

Note to Client: Any "No", answer above indicates non-compliance with standard procedures and may impact data quality.

Additional notes (if applicable):

Sample Containers and Preservatives

Container Id	Preservative	Container Condition	Container Id	Preservative	Container Condition
1215214001-A	No Preservative Required	OK			
1215214001-B	No Preservative Required	OK			
1215214002-A	No Preservative Required	OK			
1215214002-B	No Preservative Required	OK			

Container Condition Glossary

Containers for bacteriological, low level mercury and VOA vials are not opened prior to analysis and will be assigned condition code OK unless evidence indicates than an inappropriate container was submitted.

OK - The container was received at an acceptable pH for the analysis requested.
BU - The container was received with headspace greater than 6mm.
DM - The container was received damaged.
FR - The container was received frozen and not usable for Bacteria or BOD analyses.
IC - The container provided for microbiology analysis was not a laboratory-supplied, pre-sterilized container and therefore was not suitable for analysis.
NC- The container provided was not preserved or was under-preserved. The method does not allow for additional preservative added after collection.
PA - The container was received outside of the acceptable pH for the analysis requested. Preservative was added upon receipt and the container is now at the correct pH. See the Sample Receipt Form for details on the amount and lot # of the preservative added.
PH - The container was received outside of the acceptable pH for the analysis requested. Preservative was added upon receipt, but was insufficient to bring the container to the correct pH for the analysis requested. See the Sample Receipt Form for details on the amount and lot # of the preservative added.
QN - Insufficient sample quantity provided.

EMSL Analytical, Inc.
200 Route 130 North, Cinnaminson, NJ 08077
Phone: (856) 303-2500 Fax: (856) 858-4571 Email: EnvChemistry2@emsl.com

Attn: **Doug Dusek** 9/23/2021
Nortech Environmental & Engineer Cnslt.
2400 College Road
Fairbanks, AK 99709
Phone: (907) 452-5688
Fax: (907) 452-5694

The following analytical report covers the analysis performed on samples submitted to EMSL Analytical, Inc. on 9/20/2021. The results are tabulated on the attached data pages for the following client designated project:

20-2682

The reference number for these samples is EMSL Order #012110686. Please use this reference when calling about these samples. If you have any questions, please do not hesitate to contact me at (856) 303-2500.

Approved By:

Phillip Worby, Environmental Chemistry
Laboratory Director

The test results contained within this report meet the requirements of NELAP and/or the specific certification program that is applicable, unless otherwise noted.
NELAP Certifications: NJ 03036, NY 10872, PA 68-00367, CA ELAP 1877

EMSL Analytical, Inc.
200 Route 130 North, Cinnaminson, NJ 08077
Phone/Fax: (856) 303-2500 / (856) 858-4571
http://www.EMSL.com EnvChemistry2@emsl.com

EMSL Order: 012110686
CustomerID: NORT69
CustomerPO:
ProjectID:

Attn: **Doug Dusek**
Nortech Environmental & Engineer Cnslt.
2400 College Road
Fairbanks, AK 99709

Phone: (907) 452-5688
Fax: (907) 452-5694
Received: 9/20/2021 08:40 AM

Project: **20-2682**

Analytical Results

Client Sample Description 1 paint ***Collected:*** 9/16/2021 ***Lab ID:*** *012110686-0001*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date & Analyst*		*Analysis Date & Analyst*	
GC-SVOA								
3540C/8082A	Aroclor-1016	ND D	33	mg/Kg	9/20/2021	ER	9/21/2021 00:00	EH
3540C/8082A	Aroclor-1221	ND D	33	mg/Kg	9/20/2021	ER	9/21/2021 00:00	EH
3540C/8082A	Aroclor-1232	ND D	33	mg/Kg	9/20/2021	ER	9/21/2021 00:00	EH
3540C/8082A	Aroclor-1242	ND D	33	mg/Kg	9/20/2021	ER	9/21/2021 00:00	EH
3540C/8082A	Aroclor-1248	ND D	33	mg/Kg	9/20/2021	ER	9/21/2021 00:00	EH
3540C/8082A	Aroclor-1254	350 D	33	mg/Kg	9/20/2021	ER	9/21/2021 00:00	EH
3540C/8082A	Aroclor-1260	120 D	33	mg/Kg	9/20/2021	ER	9/21/2021 00:00	EH
3540C/8082A	Aroclor-1262	ND D	33	mg/Kg	9/20/2021	ER	9/21/2021 00:00	EH
3540C/8082A	Aroclor-1268	ND D	33	mg/Kg	9/20/2021	ER	9/21/2021 00:00	EH

Client Sample Description 1 concrete ***Collected:*** 9/16/2021 ***Lab ID:*** *012110686-0002*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date & Analyst*		*Analysis Date & Analyst*	
GC-SVOA								
3540C/8082A	Aroclor-1016	ND D	0.93	mg/Kg	9/20/2021	ER	9/21/2021 00:00	EH
3540C/8082A	Aroclor-1221	ND D	0.93	mg/Kg	9/20/2021	ER	9/21/2021 00:00	EH
3540C/8082A	Aroclor-1232	ND D	0.93	mg/Kg	9/20/2021	ER	9/21/2021 00:00	EH
3540C/8082A	Aroclor-1242	ND D	0.93	mg/Kg	9/20/2021	ER	9/21/2021 00:00	EH
3540C/8082A	Aroclor-1248	ND D	0.93	mg/Kg	9/20/2021	ER	9/21/2021 00:00	EH
3540C/8082A	Aroclor-1254	10 D	0.93	mg/Kg	9/20/2021	ER	9/21/2021 00:00	EH
3540C/8082A	Aroclor-1260	ND D	0.93	mg/Kg	9/20/2021	ER	9/21/2021 00:00	EH
3540C/8082A	Aroclor-1262	ND D	0.93	mg/Kg	9/20/2021	ER	9/21/2021 00:00	EH

EMSL Analytical, Inc.
200 Route 130 North, Cinnaminson, NJ 08077
Phone/Fax: (856) 303-2500 / (856) 858-4571
http://www.EMSL.com EnvChemistry2@emsl.com

EMSL Order: 012110686
CustomerID: NORT69
CustomerPO:
ProjectID:

Attn: **Doug Dusek**
Nortech Environmental & Engineer Cnslt.
2400 College Road
Fairbanks, AK 99709

Phone: (907) 452-5688
Fax: (907) 452-5694
Received: 9/20/2021 08:40 AM

Project: **20-2682**

Analytical Results

Client Sample Description 1 concrete ***Collected:*** 9/16/2021 ***Lab ID:*** *012110686-0002*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date & Analyst*		*Analysis Date & Analyst*	
GC-SVOA								
3540C/8082A	Aroclor-1268	ND D	0.93	mg/Kg	9/20/2021	ER	9/21/2021 00:00	EH

Client Sample Description 2 paint ***Collected:*** 9/16/2021 ***Lab ID:*** *012110686-0003*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date & Analyst*		*Analysis Date & Analyst*	
GC-SVOA								
3540C/8082A	Aroclor-1016	ND D	0.96	mg/Kg	9/20/2021	ER	9/21/2021 00:00	EH
3540C/8082A	Aroclor-1221	ND D	0.96	mg/Kg	9/20/2021	ER	9/21/2021 00:00	EH
3540C/8082A	Aroclor-1232	ND D	0.96	mg/Kg	9/20/2021	ER	9/21/2021 00:00	EH
3540C/8082A	Aroclor-1242	ND D	0.96	mg/Kg	9/20/2021	ER	9/21/2021 00:00	EH
3540C/8082A	Aroclor-1248	ND D	0.96	mg/Kg	9/20/2021	ER	9/21/2021 00:00	EH
3540C/8082A	Aroclor-1254	1.5 D	0.96	mg/Kg	9/20/2021	ER	9/21/2021 00:00	EH
3540C/8082A	Aroclor-1260	3.7 D	0.96	mg/Kg	9/20/2021	ER	9/21/2021 00:00	EH
3540C/8082A	Aroclor-1262	ND D	0.96	mg/Kg	9/20/2021	ER	9/21/2021 00:00	EH
3540C/8082A	Aroclor-1268	ND D	0.96	mg/Kg	9/20/2021	ER	9/21/2021 00:00	EH

Client Sample Description 3 paint ***Collected:*** 9/16/2021 ***Lab ID:*** *012110686-0004*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date & Analyst*		*Analysis Date & Analyst*	
GC-SVOA								
3540C/8082A	Aroclor-1016	ND D	4.6	mg/Kg	9/20/2021	ER	9/21/2021 00:00	EH
3540C/8082A	Aroclor-1221	ND D	4.6	mg/Kg	9/20/2021	ER	9/21/2021 00:00	EH
3540C/8082A	Aroclor-1232	ND D	4.6	mg/Kg	9/20/2021	ER	9/21/2021 00:00	EH
3540C/8082A	Aroclor-1242	ND D	4.6	mg/Kg	9/20/2021	ER	9/21/2021 00:00	EH

EMSL Analytical, Inc.
200 Route 130 North, Cinnaminson, NJ 08077
Phone/Fax: (856) 303-2500 / (856) 858-4571
http://www.EMSL.com EnvChemistry2@emsl.com

EMSL Order: 012110686
CustomerID: NORT69
CustomerPO:
ProjectID:

Attn: **Doug Dusek**
Nortech Environmental & Engineer Cnslt.
2400 College Road
Fairbanks, AK 99709

Phone: (907) 452-5688
Fax: (907) 452-5694
Received: 9/20/2021 08:40 AM

Project: **20-2682**

Analytical Results

Client Sample Description 3 paint ***Collected:*** 9/16/2021 ***Lab ID:*** *012110686-0004*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date & Analyst*		*Analysis Date & Analyst*	
GC-SVOA								
3540C/8082A	Aroclor-1248	ND D	4.6	mg/Kg	9/20/2021	ER	9/21/2021 00:00	EH
3540C/8082A	Aroclor-1254	ND D	4.6	mg/Kg	9/20/2021	ER	9/21/2021 00:00	EH
3540C/8082A	Aroclor-1260	ND D	4.6	mg/Kg	9/20/2021	ER	9/21/2021 00:00	EH
3540C/8082A	Aroclor-1262	37 D	4.6	mg/Kg	9/20/2021	ER	9/21/2021 00:00	EH
3540C/8082A	Aroclor-1268	ND D	4.6	mg/Kg	9/20/2021	ER	9/21/2021 00:00	EH

Client Sample Description 4 concrete ***Collected:*** 9/16/2021 ***Lab ID:*** *012110686-0005*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date & Analyst*		*Analysis Date & Analyst*	
GC-SVOA								
3540C/8082A	Aroclor-1016	ND D	0.85	mg/Kg	9/20/2021	ER	9/21/2021 00:00	EH
3540C/8082A	Aroclor-1221	ND D	0.85	mg/Kg	9/20/2021	ER	9/21/2021 00:00	EH
3540C/8082A	Aroclor-1232	ND D	0.85	mg/Kg	9/20/2021	ER	9/21/2021 00:00	EH
3540C/8082A	Aroclor-1242	ND D	0.85	mg/Kg	9/20/2021	ER	9/21/2021 00:00	EH
3540C/8082A	Aroclor-1248	ND D	0.85	mg/Kg	9/20/2021	ER	9/21/2021 00:00	EH
3540C/8082A	Aroclor-1254	ND D	0.85	mg/Kg	9/20/2021	ER	9/21/2021 00:00	EH
3540C/8082A	Aroclor-1260	ND D	0.85	mg/Kg	9/20/2021	ER	9/21/2021 00:00	EH
3540C/8082A	Aroclor-1262	ND D	0.85	mg/Kg	9/20/2021	ER	9/21/2021 00:00	EH
3540C/8082A	Aroclor-1268	ND D	0.85	mg/Kg	9/20/2021	ER	9/21/2021 00:00	EH

Client Sample Description 4 paint ***Collected:*** 9/16/2021 ***Lab ID:*** *012110686-0006*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date & Analyst*		*Analysis Date & Analyst*	
GC-SVOA								

EMSL Analytical, Inc.
200 Route 130 North, Cinnaminson, NJ 08077
Phone/Fax: (856) 303-2500 / (856) 858-4571
http://www.EMSL.com EnvChemistry2@emsl.com

EMSL Order: 012110686
CustomerID: NORT69
CustomerPO:
ProjectID:

Attn: **Doug Dusek**
Nortech Environmental & Engineer Cnslt.
2400 College Road
Fairbanks, AK 99709

Phone: (907) 452-5688
Fax: (907) 452-5694
Received: 9/20/2021 08:40 AM

Project: **20-2682**

Analytical Results

Client Sample Description 4 paint ***Collected:*** 9/16/2021 ***Lab ID:*** *012110686-0006*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date & Analyst*		*Analysis Date & Analyst*	
GC-SVOA								
3540C/8082A	Aroclor-1016	ND D	12	mg/Kg	9/20/2021	ER	9/21/2021 00:00	EH
3540C/8082A	Aroclor-1221	ND D	12	mg/Kg	9/20/2021	ER	9/21/2021 00:00	EH
3540C/8082A	Aroclor-1232	ND D	12	mg/Kg	9/20/2021	ER	9/21/2021 00:00	EH
3540C/8082A	Aroclor-1242	ND D	12	mg/Kg	9/20/2021	ER	9/21/2021 00:00	EH
3540C/8082A	Aroclor-1248	ND D	12	mg/Kg	9/20/2021	ER	9/21/2021 00:00	EH
3540C/8082A	Aroclor-1254	130 D	12	mg/Kg	9/20/2021	ER	9/21/2021 00:00	EH
3540C/8082A	Aroclor-1260	47 D	12	mg/Kg	9/20/2021	ER	9/21/2021 00:00	EH
3540C/8082A	Aroclor-1262	ND D	12	mg/Kg	9/20/2021	ER	9/21/2021 00:00	EH
3540C/8082A	Aroclor-1268	ND D	12	mg/Kg	9/20/2021	ER	9/21/2021 00:00	EH

Client Sample Description 5 concrete ***Collected:*** 9/16/2021 ***Lab ID:*** *012110686-0007*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date & Analyst*		*Analysis Date & Analyst*	
GC-SVOA								
3540C/8082A	Aroclor-1016	ND D	0.87	mg/Kg	9/20/2021	ER	9/21/2021 00:00	EH
3540C/8082A	Aroclor-1221	ND D	0.87	mg/Kg	9/20/2021	ER	9/21/2021 00:00	EH
3540C/8082A	Aroclor-1232	ND D	0.87	mg/Kg	9/20/2021	ER	9/21/2021 00:00	EH
3540C/8082A	Aroclor-1242	ND D	0.87	mg/Kg	9/20/2021	ER	9/21/2021 00:00	EH
3540C/8082A	Aroclor-1248	ND D	0.87	mg/Kg	9/20/2021	ER	9/21/2021 00:00	EH
3540C/8082A	Aroclor-1254	ND D	0.87	mg/Kg	9/20/2021	ER	9/21/2021 00:00	EH
3540C/8082A	Aroclor-1260	ND D	0.87	mg/Kg	9/20/2021	ER	9/21/2021 00:00	EH
3540C/8082A	Aroclor-1262	ND D	0.87	mg/Kg	9/20/2021	ER	9/21/2021 00:00	EH

EMSL Analytical, Inc.
200 Route 130 North, Cinnaminson, NJ 08077
Phone/Fax: (856) 303-2500 / (856) 858-4571
http://www.EMSL.com EnvChemistry2@emsl.com

EMSL Order: 012110686
CustomerID: NORT69
CustomerPO:
ProjectID:

Attn: **Doug Dusek**
Nortech Environmental & Engineer Cnslt.
2400 College Road
Fairbanks, AK 99709

Phone: (907) 452-5688
Fax: (907) 452-5694
Received: 9/20/2021 08:40 AM

Project: **20-2682**

Analytical Results

Client Sample Description 5 concrete ***Collected:*** 9/16/2021 ***Lab ID:*** *012110686-0007*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date & Analyst*		*Analysis Date & Analyst*	
GC-SVOA								
3540C/8082A	Aroclor-1268	ND D	0.87	mg/Kg	9/20/2021	ER	9/21/2021 00:00	EH

Definitions:

MDL - method detection limit
J - Result was below the reporting limit, but at or above the MDL
ND - indicates that the analyte was not detected at the reporting limit
RL - Reporting Limit (Analytical)
D - Dilution Sample required a dilution which was used to calculate final results

Laboratory Report of Analysis

To: Nortech
2400 College Road
Fairbanks, AK 99709

Report Number: **1216131**

Client Project: **Polaris 20-2682**

Dear Doug Dusek,

Enclosed are the results of the analytical services performed under the referenced project for the received samples and associated QC as applicable. The samples are certified to meet the requirements of the National Environmental Laboratory Accreditation Conference Standards. Copies of this report and supporting data will be retained in our files for a period of ten years in the event they are required for future reference. All results are intended to be used in their entirety and SGS is not responsible for use of less than the complete report. Any samples submitted to our laboratory will be retained for a maximum of fourteen (14) days from the date of this report unless other archiving requirements were included in the quote.

If there are any questions about the report or services performed during this project, please call Jennifer at (907) 562-2343. We will be happy to answer any questions or concerns which you may have.

Thank you for using SGS North America Inc. for your analytical services. We look forward to working with you again on any additional analytical needs.

Sincerely,
SGS North America Inc.

_____

Jennifer Dawkins Date
Project Manager
Jennifer.Dawkins@sgs.com

SGS North America Inc. 200 West Potter Drive, Anchorage, AK 99518
t 907.562.2343 f 907.561.5301 www.us.sgs.com

Case Narrative

SGS Client: **Nortech**
SGS Project: **1216131**
Project Name/Site: **Polaris 20-2682**
Project Contact: **Doug Dusek**

Refer to sample receipt form for information on sample condition.

1 (1216131001) PS

8082A - Surrogate recovery for decachlorobiphenyl does not meet QC criteria due to sample dilution.

2 (1216131002) PS

8082A - Elevated LOQs due to dilution resulting from sample matrix.
8082A - Surrogate recovery for decachlorobiphenyl does not meet QC criteria due to sample dilution.

3 (1216131003) PS

8082A - Surrogate recovery for decachlorobiphenyl does not meet QC criteria due to sample dilution.

*QC comments may be associated with the field samples found in this report. When applicable, comments will be applied to associated field samples.

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200 West Potter Drive, Anchorage, AK 99518
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Report of Manual Integrations

Laboratory ID	Client Sample ID	Analytical Batch	Analyte	Reason
SW8082A				
1216131001	1	XGC10988	Aroclor-1260	SP
1638688	CCV for HBN 1826237 (XGC/10986	XGC10986	Aroclor-1260	SP

Manual Integration Reason Code Descriptions

Code	Description
O	Original Chromatogram
M	Modified Chromatogram
SS	Skimmed surrogate
BLG	Closed baseline gap
RP	Reassign peak name
PIR	Pattern integration required
IT	Included tail
SP	Split peak
RSP	Removed split peak
FPS	Forced peak start/stop
BLC	Baseline correction
PNF	Peak not found by software

All DRO/RRO analysis are integrated per SOP.

Print Date: 10/05/2021 4:02:53PM

Laboratory Qualifiers

Enclosed are the analytical results associated with the above work order. The results apply to the samples as received. All results are intended to be used in their entirety and SGS is not responsible for use of less than the complete report. This document is issued by the Company under its General Conditions of Service accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx>. Attention is drawn to the limitation of liability, indenmification and jurisdiction issues defined therein.

Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. Any unauthorized alteration, forgery or falsification of the context or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

SGS maintains a formal Quality Assurance/Quality Control (QA/QC) program. A copy of our Quality Assurance Plan (QAP), which outlines this program, is available at your request. The laboratory certification numbers are AK00971 (DW Chemistry & Microbiology) & 17-021 (CS) for ADEC and 2944.01 for DOD ELAP/ISO17025 (RCRA methods: 1020B, 1311, 3010A, 3050B, 3520C, 3550C, 5030B, 5035A, 6020B, 7470A, 7471B, 8015C, 8021B, 8082A, 8260D, 8270D, 8270D-SIM, 9040C, 9045D, 9056A, 9060A, AK101 and AK102/103). SGS is only certified for the analytes listed on our Drinking Water Certification (DW methods: 200.8, 2130B, 2320B, 2510B, 300.0, 4500-CN-C,E, 4500-H-B, 4500-NO3-F, 4500-P-E and 524.2) and only those analytes will be reported to the State of Alaska for compliance. Except as specifically noted, all statements and data in this report are in conformance to the provisions set forth by the SGS QAP and, when applicable, other regulatory authorities.

The following descriptors or qualifiers may be found in your report:

*	The analyte has exceeded allowable regulatory or control limits.
!	Surrogate out of control limits.
B	Indicates the analyte is found in a blank associated with the sample.
CCV/CVA/CVB	Continuing Calibration Verification
CCCV/CVC/CVCA/CVCB	Closing Continuing Calibration Verification
CL	Control Limit
DF	Analytical Dilution Factor
DL	Detection Limit (i.e., maximum method detection limit)
E	The analyte result is above the calibrated range.
GT	Greater Than
IB	Instrument Blank
ICV	Initial Calibration Verification
J	The quantitation is an estimation.
LCS(D)	Laboratory Control Spike (Duplicate)
LLQC/LLIQC	Low Level Quantitation Check
LOD	Limit of Detection (i.e., 1/2 of the LOQ)
LOQ	Limit of Quantitation (i.e., reporting or practical quantitation limit)
LT	Less Than
MB	Method Blank
MS(D)	Matrix Spike (Duplicate)
ND	Indicates the analyte is not detected.
RPD	Relative Percent Difference
TNTC	Too Numerous To Count
U	Indicates the analyte was analyzed for but not detected.

Note: Sample summaries which include a result for "Total Solids" have already been adjusted for moisture content. All DRO/RRO analyses are integrated per SOP.

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Sample Summary

Client Sample ID	Lab Sample ID	Collected	Received	Matrix
1	1216131001	09/16/2021	09/17/2021	Solid/Soil (Wet Weight)
2	1216131002	09/16/2021	09/17/2021	Solid/Soil (Wet Weight)
3	1216131003	09/16/2021	09/17/2021	Solid/Soil (Wet Weight)

Method	Method Description
SW8082A	SW8082 PCB's

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Detectable Results Summary

Client Sample ID: **1**
Lab Sample ID: 1216131001
Polychlorinated Biphenyls

Parameter	Result	Units
Aroclor-1254	334000	ug/kg
Aroclor-1260	161000	ug/kg

Client Sample ID: **3**
Lab Sample ID: 1216131003
Polychlorinated Biphenyls

Parameter	Result	Units
Aroclor-1260	51000	ug/kg

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Results of **1**

Client Sample ID: **1**
Client Project ID: **Polaris 20-2682**
Lab Sample ID: 1216131001
Lab Project ID: 1216131

Collection Date: 09/16/21 00:00
Received Date: 09/17/21 09:38
Matrix: Solid/Soil (Wet Weight)
Solids (%):
Location:

Results by **Polychlorinated Biphenyls**

Parameter	Result	Qual	LOQ/CL	DL	Units	DF	Allowable Limits	Date Analyzed
Aroclor-1016	27500	U	27500	6880	ug/kg	100		09/28/21 21:16
Aroclor-1221	55000	U	55000	13800	ug/kg	100		09/28/21 21:16
Aroclor-1232	27500	U	27500	6880	ug/kg	100		09/28/21 21:16
Aroclor-1242	27500	U	27500	6880	ug/kg	100		09/28/21 21:16
Aroclor-1248	27500	U	27500	6880	ug/kg	100		09/28/21 21:16
Aroclor-1254	334000		27500	6880	ug/kg	100		09/28/21 21:16
Aroclor-1260	161000		27500	6880	ug/kg	100		09/28/21 21:16
Surrogates								
Decachlorobiphenyl (surr)	0	*	60-125		%	100		09/28/21 21:16

Batch Information

Analytical Batch: XGC10988
Analytical Method: SW8082A
Analyst: CDM
Analytical Date/Time: 09/28/21 21:16
Container ID: 1216131001-A

Prep Batch: XXX45598
Prep Method: SW3550C
Prep Date/Time: 09/21/21 09:05
Prep Initial Wt./Vol.: 4.089 g
Prep Extract Vol: 5 mL

Print Date: 10/05/2021 4:02:59PM

Results of **2**

Client Sample ID: **2**
Client Project ID: **Polaris 20-2682**
Lab Sample ID: 1216131002
Lab Project ID: 1216131

Collection Date: 09/16/21 00:00
Received Date: 09/17/21 09:38
Matrix: Solid/Soil (Wet Weight)
Solids (%):
Location:

Results by **Polychlorinated Biphenyls**

Parameter	Result	Qual	LOQ/CL	DL	Units	DF	Allowable Limits	Date Analyzed
Aroclor-1016	28000	U	28000	7000	ug/kg	100		09/28/21 21:58
Aroclor-1221	56000	U	56000	14000	ug/kg	100		09/28/21 21:58
Aroclor-1232	28000	U	28000	7000	ug/kg	100		09/28/21 21:58
Aroclor-1242	28000	U	28000	7000	ug/kg	100		09/28/21 21:58
Aroclor-1248	28000	U	28000	7000	ug/kg	100		09/28/21 21:58
Aroclor-1254	28000	U	28000	7000	ug/kg	100		09/28/21 21:58
Aroclor-1260	28000	U	28000	7000	ug/kg	100		09/28/21 21:58
Surrogates								
Decachlorobiphenyl (surr)	0	*	60-125		%	100		09/28/21 21:58

Batch Information

Analytical Batch: XGC10988
Analytical Method: SW8082A
Analyst: CDM
Analytical Date/Time: 09/28/21 21:58
Container ID: 1216131002-A

Prep Batch: XXX45598
Prep Method: SW3550C
Prep Date/Time: 09/21/21 09:05
Prep Initial Wt./Vol.: 4.015 g
Prep Extract Vol: 5 mL

Print Date: 10/05/2021 4:02:59PM

Results of **3**

Client Sample ID: **3**
Client Project ID: **Polaris 20-2682**
Lab Sample ID: 1216131003
Lab Project ID: 1216131

Collection Date: 09/16/21 00:00
Received Date: 09/17/21 09:38
Matrix: Solid/Soil (Wet Weight)
Solids (%):
Location:

Results by **Polychlorinated Biphenyls**

Parameter	Result	Qual	LOQ/CL	DL	Units	DF	Allowable Limits	Date Analyzed
Aroclor-1016	27300	U	27300	6820	ug/kg	100		09/28/21 22:39
Aroclor-1221	54600	U	54600	13600	ug/kg	100		09/28/21 22:39
Aroclor-1232	27300	U	27300	6820	ug/kg	100		09/28/21 22:39
Aroclor-1242	27300	U	27300	6820	ug/kg	100		09/28/21 22:39
Aroclor-1248	27300	U	27300	6820	ug/kg	100		09/28/21 22:39
Aroclor-1254	27300	U	27300	6820	ug/kg	100		09/28/21 22:39
Aroclor-1260	51000		27300	6820	ug/kg	100		09/28/21 22:39
Surrogates								
Decachlorobiphenyl (surr)	0	*	60-125		%	100		09/28/21 22:39

Batch Information

Analytical Batch: XGC10988
Analytical Method: SW8082A
Analyst: CDM
Analytical Date/Time: 09/28/21 22:39
Container ID: 1216131003-A

Prep Batch: XXX45598
Prep Method: SW3550C
Prep Date/Time: 09/21/21 09:05
Prep Initial Wt./Vol.: 4.121 g
Prep Extract Vol: 5 mL

Print Date: 10/05/2021 4:02:59PM

Method Blank

Blank ID: MB for HBN 1825903 [XXX/45598]
Blank Lab ID: 1637207

Matrix: Soil/Solid (dry weight)

QC for Samples:
1216131001, 1216131002, 1216131003

Results by **SW8082A**

Parameter	Results	LOQ/CL	DL	Units
Aroclor-1016	25.0U	50.0	12.5	ug/kg
Aroclor-1221	50.0U	100	25.0	ug/kg
Aroclor-1232	25.0U	50.0	12.5	ug/kg
Aroclor-1242	25.0U	50.0	12.5	ug/kg
Aroclor-1248	25.0U	50.0	12.5	ug/kg
Aroclor-1254	25.0U	50.0	12.5	ug/kg
Aroclor-1260	25.0U	50.0	12.5	ug/kg
Surrogates				
Decachlorobiphenyl (surr)	117	60-125		%

Batch Information

Analytical Batch: XGC10983
Analytical Method: SW8082A
Instrument: Agilent 7890B GC ECD SW F
Analyst: CDM
Analytical Date/Time: 9/21/2021 6:26:00PM

Prep Batch: XXX45598
Prep Method: SW3550C
Prep Date/Time: 9/21/2021 9:05:27AM
Prep Initial Wt./Vol.: 22.5 g
Prep Extract Vol: 5 mL

SGS North America Inc.
200 West Potter Drive Anchorage, AK 95518
t 907.562.2343 f 907.561.5301 www.us.sgs.com

Blank Spike Summary

Blank Spike ID: LCS for HBN 1216131 [XXX45598]
Blank Spike Lab ID: 1637208
Date Analyzed: 09/21/2021 18:36

Matrix: Soil/Solid (dry weight)

QC for Samples: 1216131001, 1216131002, 1216131003

Results by **SW8082A**

Blank Spike (ug/kg)

Parameter	Spike	Result	Rec (%)	CL
Aroclor-1016	222	184	83	(47-134)
Aroclor-1260	222	216	97	(53-140)
Surrogates				
Decachlorobiphenyl (surr)	88.9		115	(60-125)

Batch Information

Analytical Batch: **XGC10983**
Analytical Method: **SW8082A**
Instrument: **Agilent 7890B GC ECD SW F**
Analyst: **CDM**

Prep Batch: **XXX45598**
Prep Method: **SW3550C**
Prep Date/Time: **09/21/2021 09:05**
Spike Init Wt./Vol.: 222 ug/kg Extract Vol: 5 mL
Dupe Init Wt./Vol.: Extract Vol:

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Matrix Spike Summary

Original Sample ID: 1216072005
MS Sample ID: 1637209 MS
MSD Sample ID: 1637210 MSD

Analysis Date: 09/28/2021 14:10
Analysis Date: 09/28/2021 14:21
Analysis Date: 09/28/2021 14:31
Matrix: Soil/Solid (dry weight)

QC for Samples: 1216131001, 1216131002, 1216131003

Results by **SW8082A**

		Matrix Spike (ug/kg)			Spike Duplicate (ug/kg)					
Parameter	Sample	Spike	Result	Rec (%)	Spike	Result	Rec (%)	CL	RPD (%)	RPD CL
Aroclor-1016	38.3U	339	352	104	343	351	102	47-134	0.72	(< 30)
Aroclor-1260	323	339	627	90	343	612	84	53-140	2.63	(< 30)
Surrogates										
Decachlorobiphenyl (surr)		136	153	112	137	155	112	60-125	1.23	

Batch Information

Analytical Batch: XGC10986
Analytical Method: SW8082A
Instrument: Agilent 7890B GC ECD SW R
Analyst: CDM
Analytical Date/Time: 9/28/2021 2:21:00PM

Prep Batch: XXX45598
Prep Method: Sonication Extraction Soil SW8082 PCB
Prep Date/Time: 9/21/2021 9:05:27AM
Prep Initial Wt./Vol.: 22.89g
Prep Extract Vol: 5.00mL

Print Date: 10/05/2021 4:03:07PM

SGS GALSON LABORATORIES

6601 Kirkville Rd
East Syracuse, NY 13057
Tel: (315) 432-5227
888-432-LABS (5227)
Fax: (315) 437-0571
www.galsonlabs.com

1216131

☐ New Client?

Report To*: Doug Dusek

Client Account No.*:

Phone No.*: 907 452-5688
Cell No.:
Email Results to: Doug Dusek
Email address: doug.dusek@nortechengr.com

oice To*: Nortech

Phone No.: 907 452-5688
Email: ap@nortechengr.com
P.O. No.:
Credit Card: ☐ Card on File ☐ Call for Credit Card Info.

☐ Samples submitted using the FreePumpLoan™ Program ☐ Samples submitted using the FreeSamplingBadges™ Program

Need Results By:	(surcharge)
☐ Standard	0%
☐ 4 Business Days	35%
☑ 3 Business Days	50%
☐ 2 Business Days	75%
☐ Next Day by 6pm	100%
☐ Next Day by Noon	150%
☐ Same Day	200%

Site Name: Polaris Project: 20-2682 Sampled by: DSD

Comments:

List description of industry or Process/interferences present in sampling area:

State samples were collected in (e.g., NY): AK

Please indicate which OEL this data will be used for:
☐ OSHA PEL ☐ ACGIH TLV ☐ Cal OSHA
☐ MSHA ☐ Other (specify):

Sample Identification* (Maxmium of 20 Characters)	Date Sampled	Collection Medium	Sample Volume Sample Time Sample Area*	Sample Units*: L, ml,min,in2,cm2,ft2	Analysis Requested*	Method Reference^	Hexavalent Chromium Process (e.g., welding plating, painting, etc.)*
1 (1A)	09/16/21	paint			PCB	8082 PCB	
2 (2A)	09/16/21	paint			PCB	8082 PCB	
3 (3A)	09/16/21	paint			PCB	8082 PCB	

^Galson Laboratories will subsititute our routine/preferred method if it does not match the method listed on the COC unless this box is checked: ☐ Use method(s) listed on COC

For metals analysis: if requesting an analyte with the option of a lower LOQ, please indicate if the lower LOQ is required (only available for certain analytes - see SAG):

For crystalline silica: form(s) of silica needed must be indicated (Quartz, Cristobalite, and/or Tridymite)*:

Chain of Custody	Print Name/Signature	Date	Time		Print Name/Signature	Date	Time
Relinquished by:	Doug Dusek	09/16/21		Received by:	Jen Dawkins	9-16-21	1515
Relinquished by:	Jen D.	9-16-21	1630	Received by:	Michelle Allaman - Michelle Allaman	9/17/21	0938

Samples received after 3pm will be considered as next day's business
* Required fields, failure to complete these fields may result in a delay in your samples being processed.

ANC: LF, IB 8.0 D23

e-Sample Receipt Form

SGS Workorder #: **1216131**

Review Criteria	Condition (Yes, No, N/A)	Exceptions Noted below
Chain of Custody / Temperature Requirements		N/A — Exemption permitted if sampler hand carries/delivers.
Were Custody Seals intact? Note # & location	Yes	1F, 1B
COC accompanied samples?	Yes	
DOD: Were samples received in COC corresponding coolers?	N/A	
N/A — **Exemption permitted if chilled & collected <8 hours ago, or for samples where chilling is not required		
Temperature blank compliant* (i.e., 0-6 °C after CF)?	Yes	Cooler ID: 1 @ 2.0 °C Therm. ID: D23
If samples received without a temperature blank, the "cooler temperature" will be documented instead & "COOLER TEMP" will be noted to the right. "ambient" or "chilled" will be noted if neither is available.		Cooler ID: @ °C Therm. ID:
		Cooler ID: @ °C Therm. ID:
		Cooler ID: @ °C Therm. ID:
		Cooler ID: @ °C Therm. ID:
If >6°C, were samples collected <8 hours ago?	N/A	
If <0°C, were sample containers ice free?	N/A	
Note: Identify containers received at non-compliant temperature . Use form FS-0029 if more space is needed.		
Holding Time / Documentation / Sample Condition Requirements		Note: Refer to form F-083 "Sample Guide" for specific holding times.
Were samples received within holding time?	Yes	
Do samples **match COC**** (i.e.,sample IDs,dates/times collected)?	Yes	
**Note: If times differ <1hr, record details & login per COC.		
***Note: If sample information on containers differs from COC, SGS will default to COC informatio		
Were analytical requests clear? (i.e., method is specified for analyses with multiple option for analysis (Ex: BTEX, Metals)	Yes	
		N/A — ***Exemption permitted for metals (e.g,200.8/6020B).
Were proper containers (type/mass/volume/preservative***)used?	Yes	
Volatile / LL-Hg Requirements		
Were Trip Blanks (i.e., VOAs, LL-Hg) in cooler with samples?	N/A	
Were all water VOA vials free of headspace (i.e., bubbles ≤ 6mm)?	N/A	
Were all soil VOAs field extracted with MeOH+BFB?	N/A	

Note to Client: Any "No", answer above indicates non-compliance with standard procedures and may impact data quality.

Additional notes (if applicable):

Sample Containers and Preservatives

Container Id	Preservative	Container Condition	Container Id	Preservative	Container Condition
1216131001-A	No Preservative Required	OK			
1216131002-A	No Preservative Required	OK			
1216131003-A	No Preservative Required	OK			

Container Condition Glossary

Containers for bacteriological, low level mercury and VOA vials are not opened prior to analysis and will be assigned condition code OK unless evidence indicates than an inappropriate container was submitted.

OK - The container was received at an acceptable pH for the analysis requested.
BU - The container was received with headspace greater than 6mm.
DM - The container was received damaged.
FR - The container was received frozen and not usable for Bacteria or BOD analyses.
IC - The container provided for microbiology analysis was not a laboratory-supplied, pre-sterilized container and therefore was not suitable for analysis.
NC- The container provided was not preserved or was under-preserved. The method does not allow for additional preservative added after collection.
PA - The container was received outside of the acceptable pH for the analysis requested. Preservative was added upon receipt and the container is now at the correct pH. See the Sample Receipt Form for details on the amount and lot # of the preservative added.
PH - The container was received outside of the acceptable pH for the analysis requested. Preservative was added upon receipt, but was insufficient to bring the container to the correct pH for the analysis requested. See the Sample Receipt Form for details on the amount and lot # of the preservative added.
QN - Insufficient sample quantity provided.

EMSL Analytical, Inc.
200 Route 130 North, Cinnaminson, NJ 08077
Phone: (856) 303-2500 Fax: (856) 858-4571 Email: EnvChemistry2@emsl.com

Attn: **Doug Dusek** 10/21/2021
Nortech Environmental & Engineer Cnslt.
2400 College Road
Fairbanks, AK 99709
Phone: (907) 452-5688
Fax: (907) 452-5694

The following analytical report covers the analysis performed on samples submitted to EMSL Analytical, Inc. on 10/7/2021. The results are tabulated on the attached data pages for the following client designated project:

20-2682

The reference number for these samples is EMSL Order #012111432. Please use this reference when calling about these samples. If you have any questions, please do not hesitate to contact me at (856) 303-2500.

Approved By:

Phillip Worby, Environmental Chemistry
Laboratory Director

The test results contained within this report meet the requirements of NELAP and/or the specific certification program that is applicable, unless otherwise noted.
NELAP Certifications: NJ 03036, NY 10872, PA 68-00367, CA ELAP 1877

EMSL Analytical, Inc.
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Phone/Fax: (856) 303-2500 / (856) 858-4571
http://www.EMSL.com EnvChemistry2@emsl.com

EMSL Order: 012111432
CustomerID: NORT69
CustomerPO:
ProjectID:

Attn: **Doug Dusek**
Nortech Environmental & Engineer Cnslt.
2400 College Road
Fairbanks, AK 99709

Phone: (907) 452-5688
Fax: (907) 452-5694
Received: 10/07/21 9:30 AM

Project: **20-2682**

Analytical Results

Client Sample Description PCB-1 Out
East Exterior
Collected: 10/5/2021 ***Lab ID:*** *012111432-0001*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date & Analyst*		*Analysis Date & Analyst*	
GC-SVOA								
3546/8082A	Aroclor-1016	ND D	0.88	mg/Kg	10/7/2021	ER	10/08/21 0:00	EH
3546/8082A	Aroclor-1221	ND D	0.88	mg/Kg	10/7/2021	ER	10/08/21 0:00	EH
3546/8082A	Aroclor-1232	ND D	0.88	mg/Kg	10/7/2021	ER	10/08/21 0:00	EH
3546/8082A	Aroclor-1242	ND D	0.88	mg/Kg	10/7/2021	ER	10/08/21 0:00	EH
3546/8082A	Aroclor-1248	ND D	0.88	mg/Kg	10/7/2021	ER	10/08/21 0:00	EH
3546/8082A	Aroclor-1254	1.2 D	0.88	mg/Kg	10/7/2021	ER	10/08/21 0:00	EH
3546/8082A	Aroclor-1260	ND D	0.88	mg/Kg	10/7/2021	ER	10/08/21 0:00	EH
3546/8082A	Aroclor-1262	ND D	0.88	mg/Kg	10/7/2021	ER	10/08/21 0:00	EH
3546/8082A	Aroclor-1268	ND D	0.88	mg/Kg	10/7/2021	ER	10/08/21 0:00	EH

Client Sample Description PCB-2
Stair well orange and black
Collected: 10/5/2021 ***Lab ID:*** *012111432-0002*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date & Analyst*		*Analysis Date & Analyst*	
GC-SVOA								
3546/8082A	Aroclor-1016	ND D	4.9	mg/Kg	10/7/2021	ER	10/08/21 0:00	EH
3546/8082A	Aroclor-1221	ND D	4.9	mg/Kg	10/7/2021	ER	10/08/21 0:00	EH
3546/8082A	Aroclor-1232	ND D	4.9	mg/Kg	10/7/2021	ER	10/08/21 0:00	EH
3546/8082A	Aroclor-1242	ND D	4.9	mg/Kg	10/7/2021	ER	10/08/21 0:00	EH
3546/8082A	Aroclor-1248	ND D	4.9	mg/Kg	10/7/2021	ER	10/08/21 0:00	EH
3546/8082A	Aroclor-1254	59 D	4.9	mg/Kg	10/7/2021	ER	10/08/21 0:00	EH
3546/8082A	Aroclor-1260	15 D	4.9	mg/Kg	10/7/2021	ER	10/08/21 0:00	EH
3546/8082A	Aroclor-1262	ND D	4.9	mg/Kg	10/7/2021	ER	10/08/21 0:00	EH
3546/8082A	Aroclor-1268	ND D	4.9	mg/Kg	10/7/2021	ER	10/08/21 0:00	EH

Client Sample Description PCB-3
Black top coat
Collected: 10/5/2021 ***Lab ID:*** *012111432-0003*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date & Analyst*		*Analysis Date & Analyst*	
GC-SVOA								
3546/8082A	Aroclor-1016	ND D	12	mg/Kg	10/7/2021	ER	10/08/21 0:00	EH
3546/8082A	Aroclor-1221	ND D	12	mg/Kg	10/7/2021	ER	10/08/21 0:00	EH
3546/8082A	Aroclor-1232	ND D	12	mg/Kg	10/7/2021	ER	10/08/21 0:00	EH
3546/8082A	Aroclor-1242	ND D	12	mg/Kg	10/7/2021	ER	10/08/21 0:00	EH
3546/8082A	Aroclor-1248	ND D	12	mg/Kg	10/7/2021	ER	10/08/21 0:00	EH

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EMSL Order: 012111432
CustomerID: NORT69
CustomerPO:
ProjectID:

Attn: **Doug Dusek**
Nortech Environmental & Engineer Cnslt.
2400 College Road
Fairbanks, AK 99709

Phone: (907) 452-5688
Fax: (907) 452-5694
Received: 10/07/21 9:30 AM

Project: **20-2682**

Analytical Results

Client Sample Description PCB-3
Black top coat ***Collected:*** 10/5/2021 ***Lab ID:*** *012111432-0003*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date & Analyst*		*Analysis Date & Analyst*	
GC-SVOA								
3546/8082A	Aroclor-1254	160 D	12	mg/Kg	10/7/2021	ER	10/08/21 0:00	EH
3546/8082A	Aroclor-1260	40 D	12	mg/Kg	10/7/2021	ER	10/08/21 0:00	EH
3546/8082A	Aroclor-1262	ND D	12	mg/Kg	10/7/2021	ER	10/08/21 0:00	EH
3546/8082A	Aroclor-1268	ND D	12	mg/Kg	10/7/2021	ER	10/08/21 0:00	EH

Client Sample Description PCB-4 ***Collected:*** 10/5/2021 ***Lab ID:*** *012111432-0004*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date & Analyst*		*Analysis Date & Analyst*	
GC-SVOA								
3546/8082A	Aroclor-1016	ND D	0.97	mg/Kg	10/7/2021	ER	10/08/21 0:00	EH
3546/8082A	Aroclor-1221	ND D	0.97	mg/Kg	10/7/2021	ER	10/08/21 0:00	EH
3546/8082A	Aroclor-1232	ND D	0.97	mg/Kg	10/7/2021	ER	10/08/21 0:00	EH
3546/8082A	Aroclor-1242	1.3 D	0.97	mg/Kg	10/7/2021	ER	10/08/21 0:00	EH
3546/8082A	Aroclor-1248	ND D	0.97	mg/Kg	10/7/2021	ER	10/08/21 0:00	EH
3546/8082A	Aroclor-1254	3.1 D	0.97	mg/Kg	10/7/2021	ER	10/08/21 0:00	EH
3546/8082A	Aroclor-1260	ND D	0.97	mg/Kg	10/7/2021	ER	10/08/21 0:00	EH
3546/8082A	Aroclor-1262	ND D	0.97	mg/Kg	10/7/2021	ER	10/08/21 0:00	EH
3546/8082A	Aroclor-1268	ND D	0.97	mg/Kg	10/7/2021	ER	10/08/21 0:00	EH

Client Sample Description PCB-5
White top coat ***Collected:*** 10/5/2021 ***Lab ID:*** *012111432-0005*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date & Analyst*		*Analysis Date & Analyst*	
GC-SVOA								
3546/8082A	Aroclor-1016	ND D	23	mg/Kg	10/7/2021	ER	10/08/21 0:00	EH
3546/8082A	Aroclor-1221	ND D	23	mg/Kg	10/7/2021	ER	10/08/21 0:00	EH
3546/8082A	Aroclor-1232	ND D	23	mg/Kg	10/7/2021	ER	10/08/21 0:00	EH
3546/8082A	Aroclor-1242	ND D	23	mg/Kg	10/7/2021	ER	10/08/21 0:00	EH
3546/8082A	Aroclor-1248	ND D	23	mg/Kg	10/7/2021	ER	10/08/21 0:00	EH
3546/8082A	Aroclor-1254	260 D	23	mg/Kg	10/7/2021	ER	10/08/21 0:00	EH
3546/8082A	Aroclor-1260	94 D	23	mg/Kg	10/7/2021	ER	10/08/21 0:00	EH
3546/8082A	Aroclor-1262	ND D	23	mg/Kg	10/7/2021	ER	10/08/21 0:00	EH
3546/8082A	Aroclor-1268	ND D	23	mg/Kg	10/7/2021	ER	10/08/21 0:00	EH

EMSL Analytical, Inc.
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EMSL Order: 012111432
CustomerID: NORT69
CustomerPO:
ProjectID:

Attn: **Doug Dusek**
Nortech Environmental & Engineer Cnslt.
2400 College Road
Fairbanks, AK 99709

Phone: (907) 452-5688
Fax: (907) 452-5694
Received: 10/07/21 9:30 AM

Project: **20-2682**

Analytical Results

Client Sample Description PCB-6
Caulk window 214 ***Collected:*** 10/5/2021 ***Lab ID:*** *012111432-0006*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date & Analyst*		*Analysis Date & Analyst*	
GC-SVOA								
3546/8082A	Aroclor-1016	ND D	0.94	mg/Kg	10/7/2021	ER	10/08/21 0:00	EH
3546/8082A	Aroclor-1221	ND D	0.94	mg/Kg	10/7/2021	ER	10/08/21 0:00	EH
3546/8082A	Aroclor-1232	ND D	0.94	mg/Kg	10/7/2021	ER	10/08/21 0:00	EH
3546/8082A	Aroclor-1242	ND D	0.94	mg/Kg	10/7/2021	ER	10/08/21 0:00	EH
3546/8082A	Aroclor-1248	ND D	0.94	mg/Kg	10/7/2021	ER	10/08/21 0:00	EH
3546/8082A	Aroclor-1254	6.8 D	0.94	mg/Kg	10/7/2021	ER	10/08/21 0:00	EH
3546/8082A	Aroclor-1260	6.8 D	0.94	mg/Kg	10/7/2021	ER	10/08/21 0:00	EH
3546/8082A	Aroclor-1262	ND D	0.94	mg/Kg	10/7/2021	ER	10/08/21 0:00	EH
3546/8082A	Aroclor-1268	ND D	0.94	mg/Kg	10/7/2021	ER	10/08/21 0:00	EH

Client Sample Description PCB-7
Caulk window 501 ***Collected:*** 10/5/2021 ***Lab ID:*** *012111432-0007*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date & Analyst*		*Analysis Date & Analyst*	
GC-SVOA								
3546/8082A	Aroclor-1016	ND D	0.88	mg/Kg	10/7/2021	ER	10/08/21 0:00	EH
3546/8082A	Aroclor-1221	ND D	0.88	mg/Kg	10/7/2021	ER	10/08/21 0:00	EH
3546/8082A	Aroclor-1232	ND D	0.88	mg/Kg	10/7/2021	ER	10/08/21 0:00	EH
3546/8082A	Aroclor-1242	ND D	0.88	mg/Kg	10/7/2021	ER	10/08/21 0:00	EH
3546/8082A	Aroclor-1248	ND D	0.88	mg/Kg	10/7/2021	ER	10/08/21 0:00	EH
3546/8082A	Aroclor-1254	3.6 D	0.88	mg/Kg	10/7/2021	ER	10/08/21 0:00	EH
3546/8082A	Aroclor-1260	ND D	0.88	mg/Kg	10/7/2021	ER	10/08/21 0:00	EH
3546/8082A	Aroclor-1262	ND D	0.88	mg/Kg	10/7/2021	ER	10/08/21 0:00	EH
3546/8082A	Aroclor-1268	ND D	0.88	mg/Kg	10/7/2021	ER	10/08/21 0:00	EH

Definitions:

MDL - method detection limit
J - Result was below the reporting limit, but at or above the MDL
ND - indicates that the analyte was not detected at the reporting limit
RL - Reporting Limit (Analytical)
D - Dilution Sample required a dilution which was used to calculate final results

EMSL Analytical, Inc.
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Attn: **Doug Dusek** 12/3/2021
Nortech Environmental & Engineer Cnslt.
2400 College Road
Fairbanks, AK 99709
Phone: (907) 452-5688
Fax: (907) 452-5694

The following analytical report covers the analysis performed on samples submitted to EMSL Analytical, Inc. on 11/19/2021. The results are tabulated on the attached data pages for the following client designated project:

20-2682 Polaris

The reference number for these samples is EMSL Order #012113320. Please use this reference when calling about these samples. If you have any questions, please do not hesitate to contact me at (856) 303-2500.

Approved By:

Phillip Worby, Environmental Chemistry
Laboratory Director

The test results contained within this report meet the requirements of NELAP and/or the specific certification program that is applicable, unless otherwise noted.
NELAP Certifications: NJ 03036, NY 10872, PA 68-00367, CA ELAP 1877

EMSL Analytical, Inc.
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http://www.EMSL.com EnvChemistry2@emsl.com

EMSL Order: 012113320
CustomerID: NORT69
CustomerPO:
ProjectID:

Attn: **Doug Dusek**
Nortech Environmental & Engineer Cnslt.
2400 College Road
Fairbanks, AK 99709

Phone: (907) 452-5688
Fax: (907) 452-5694
Received: 11/19/2021 09:45 AM

Project: **20-2682 Polaris**

Analytical Results

Client Sample Description P1
Interior window
Collected: 11/16/2021 ***Lab ID:*** *012113320-0001*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date & Analyst*		*Analysis Date & Analyst*	
GC-SVOA								
3546/8082A	Aroclor-1016	ND D	0.91	mg/Kg	11/23/2021	PG	11/23/2021 00:00	TL
3546/8082A	Aroclor-1221	ND D	0.91	mg/Kg	11/23/2021	PG	11/23/2021 00:00	TL
3546/8082A	Aroclor-1232	ND D	0.91	mg/Kg	11/23/2021	PG	11/23/2021 00:00	TL
3546/8082A	Aroclor-1242	ND D	0.91	mg/Kg	11/23/2021	PG	11/23/2021 00:00	TL
3546/8082A	Aroclor-1248	ND D	0.91	mg/Kg	11/23/2021	PG	11/23/2021 00:00	TL
3546/8082A	Aroclor-1254	10 D	0.91	mg/Kg	11/23/2021	PG	11/23/2021 00:00	TL
3546/8082A	Aroclor-1260	ND D	0.91	mg/Kg	11/23/2021	PG	11/23/2021 00:00	TL
3546/8082A	Aroclor-1262	ND D	0.91	mg/Kg	11/23/2021	PG	11/23/2021 00:00	TL
3546/8082A	Aroclor-1268	ND D	0.91	mg/Kg	11/23/2021	PG	11/23/2021 00:00	TL

Client Sample Description P2
Interior window
Collected: 11/16/2021 ***Lab ID:*** *012113320-0002*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date & Analyst*		*Analysis Date & Analyst*	
GC-SVOA								
3546/8082A	Aroclor-1016	ND D	0.91	mg/Kg	11/23/2021	PG	11/23/2021 00:00	TL
3546/8082A	Aroclor-1221	ND D	0.91	mg/Kg	11/23/2021	PG	11/23/2021 00:00	TL
3546/8082A	Aroclor-1232	ND D	0.91	mg/Kg	11/23/2021	PG	11/23/2021 00:00	TL
3546/8082A	Aroclor-1242	ND D	0.91	mg/Kg	11/23/2021	PG	11/23/2021 00:00	TL
3546/8082A	Aroclor-1248	ND D	0.91	mg/Kg	11/23/2021	PG	11/23/2021 00:00	TL
3546/8082A	Aroclor-1254	6.9 D	0.91	mg/Kg	11/23/2021	PG	11/23/2021 00:00	TL
3546/8082A	Aroclor-1260	1.8 D	0.91	mg/Kg	11/23/2021	PG	11/23/2021 00:00	TL
3546/8082A	Aroclor-1262	ND D	0.91	mg/Kg	11/23/2021	PG	11/23/2021 00:00	TL

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EMSL Order: 012113320
CustomerID: NORT69
CustomerPO:
ProjectID:

Attn: **Doug Dusek**
Nortech Environmental & Engineer Cnslt.
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Phone: (907) 452-5688
Fax: (907) 452-5694
Received: 11/19/2021 09:45 AM

Project: **20-2682 Polaris**

Analytical Results

Client Sample Description P2
Interior window
Collected: 11/16/2021 ***Lab ID:*** *012113320-0002*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date & Analyst*		*Analysis Date & Analyst*	
GC-SVOA								
3546/8082A	Aroclor-1268	ND D	0.91	mg/Kg	11/23/2021	PG	11/23/2021 00:00	TL

Client Sample Description P3
Interior window
Collected: 11/16/2021 ***Lab ID:*** *012113320-0003*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date & Analyst*		*Analysis Date & Analyst*	
GC-SVOA								
3546/8082A	Aroclor-1016	ND D	0.90	mg/Kg	11/23/2021	PG	11/23/2021 00:00	TL
3546/8082A	Aroclor-1221	ND D	0.90	mg/Kg	11/23/2021	PG	11/23/2021 00:00	TL
3546/8082A	Aroclor-1232	ND D	0.90	mg/Kg	11/23/2021	PG	11/23/2021 00:00	TL
3546/8082A	Aroclor-1242	ND D	0.90	mg/Kg	11/23/2021	PG	11/23/2021 00:00	TL
3546/8082A	Aroclor-1248	ND D	0.90	mg/Kg	11/23/2021	PG	11/23/2021 00:00	TL
3546/8082A	Aroclor-1254	11 D	0.90	mg/Kg	11/23/2021	PG	11/23/2021 00:00	TL
3546/8082A	Aroclor-1260	1.3 D	0.90	mg/Kg	11/23/2021	PG	11/23/2021 00:00	TL
3546/8082A	Aroclor-1262	ND D	0.90	mg/Kg	11/23/2021	PG	11/23/2021 00:00	TL
3546/8082A	Aroclor-1268	ND D	0.90	mg/Kg	11/23/2021	PG	11/23/2021 00:00	TL

Client Sample Description P4
Penthouse door
Collected: 11/16/2021 ***Lab ID:*** *012113320-0004*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date & Analyst*		*Analysis Date & Analyst*	
GC-SVOA								
3546/8082A	Aroclor-1016	ND D	49	mg/Kg	11/22/2021	PG	12/1/2021 00:00	TL
3546/8082A	Aroclor-1221	ND D	49	mg/Kg	11/22/2021	PG	12/1/2021 00:00	TL
3546/8082A	Aroclor-1232	ND D	49	mg/Kg	11/22/2021	PG	12/1/2021 00:00	TL
3546/8082A	Aroclor-1242	ND D	49	mg/Kg	11/22/2021	PG	12/1/2021 00:00	TL

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Project: **20-2682 Polaris**

Analytical Results

Client Sample Description P4
Penthouse door
Collected: 11/16/2021 ***Lab ID:*** *012113320-0004*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date & Analyst*		*Analysis Date & Analyst*	
GC-SVOA								
3546/8082A	Aroclor-1248	ND D	49	mg/Kg	11/22/2021	PG	12/1/2021 00:00	TL
3546/8082A	Aroclor-1254	540 D	49	mg/Kg	11/22/2021	PG	12/1/2021 00:00	TL
3546/8082A	Aroclor-1260	100 D	49	mg/Kg	11/22/2021	PG	12/1/2021 00:00	TL
3546/8082A	Aroclor-1262	ND D	49	mg/Kg	11/22/2021	PG	12/1/2021 00:00	TL
3546/8082A	Aroclor-1268	ND D	49	mg/Kg	11/22/2021	PG	12/1/2021 00:00	TL

Client Sample Description P5
Door frame
Collected: 11/16/2021 ***Lab ID:*** *012113320-0005*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date & Analyst*		*Analysis Date & Analyst*	
GC-SVOA								
3546/8082A	Aroclor-1016	ND D	0.81	mg/Kg	11/22/2021	PG	12/1/2021 00:00	TL
3546/8082A	Aroclor-1221	ND D	0.81	mg/Kg	11/22/2021	PG	12/1/2021 00:00	TL
3546/8082A	Aroclor-1232	ND D	0.81	mg/Kg	11/22/2021	PG	12/1/2021 00:00	TL
3546/8082A	Aroclor-1242	1.6 D	0.81	mg/Kg	11/22/2021	PG	12/1/2021 00:00	TL
3546/8082A	Aroclor-1248	ND D	0.81	mg/Kg	11/22/2021	PG	12/1/2021 00:00	TL
3546/8082A	Aroclor-1254	2.9 D	0.81	mg/Kg	11/22/2021	PG	12/1/2021 00:00	TL
3546/8082A	Aroclor-1260	0.89 D	0.81	mg/Kg	11/22/2021	PG	12/1/2021 00:00	TL
3546/8082A	Aroclor-1262	ND D	0.81	mg/Kg	11/22/2021	PG	12/1/2021 00:00	TL
3546/8082A	Aroclor-1268	ND D	0.81	mg/Kg	11/22/2021	PG	12/1/2021 00:00	TL

Client Sample Description P6
Penthouse plaster wall
Collected: 11/16/2021 ***Lab ID:*** *012113320-0006*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date & Analyst*		*Analysis Date & Analyst*	
GC-SVOA								

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Project: **20-2682 Polaris**

Analytical Results

Client Sample Description P6
Penthouse plaster wall
Collected: 11/16/2021 ***Lab ID:*** *012113320-0006*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date & Analyst*		*Analysis Date & Analyst*	
GC-SVOA								
3546/8082A	Aroclor-1016	ND D	0.97	mg/Kg	11/23/2021	PG	11/23/2021 00:00	TL
3546/8082A	Aroclor-1221	ND D	0.97	mg/Kg	11/23/2021	PG	11/23/2021 00:00	TL
3546/8082A	Aroclor-1232	ND D	0.97	mg/Kg	11/23/2021	PG	11/23/2021 00:00	TL
3546/8082A	Aroclor-1242	ND D	0.97	mg/Kg	11/23/2021	PG	11/23/2021 00:00	TL
3546/8082A	Aroclor-1248	ND D	0.97	mg/Kg	11/23/2021	PG	11/23/2021 00:00	TL
3546/8082A	Aroclor-1254	38 D	0.97	mg/Kg	11/23/2021	PG	11/23/2021 00:00	TL
3546/8082A	Aroclor-1260	6.2 D	0.97	mg/Kg	11/23/2021	PG	11/23/2021 00:00	TL
3546/8082A	Aroclor-1262	ND D	0.97	mg/Kg	11/23/2021	PG	11/23/2021 00:00	TL
3546/8082A	Aroclor-1268	ND D	0.97	mg/Kg	11/23/2021	PG	11/23/2021 00:00	TL

Client Sample Description P7
Exterior window
Collected: 11/16/2021 ***Lab ID:*** *012113320-0007*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date & Analyst*		*Analysis Date & Analyst*	
GC-SVOA								
3546/8082A	Aroclor-1016	ND D	0.90	mg/Kg	11/23/2021	PG	11/23/2021 00:00	TL
3546/8082A	Aroclor-1221	ND D	0.90	mg/Kg	11/23/2021	PG	11/23/2021 00:00	TL
3546/8082A	Aroclor-1232	ND D	0.90	mg/Kg	11/23/2021	PG	11/23/2021 00:00	TL
3546/8082A	Aroclor-1242	ND D	0.90	mg/Kg	11/23/2021	PG	11/23/2021 00:00	TL
3546/8082A	Aroclor-1248	ND D	0.90	mg/Kg	11/23/2021	PG	11/23/2021 00:00	TL
3546/8082A	Aroclor-1254	20 D	0.90	mg/Kg	11/23/2021	PG	11/23/2021 00:00	TL
3546/8082A	Aroclor-1260	ND D	0.90	mg/Kg	11/23/2021	PG	11/23/2021 00:00	TL
3546/8082A	Aroclor-1262	ND D	0.90	mg/Kg	11/23/2021	PG	11/23/2021 00:00	TL

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Project: **20-2682 Polaris**

Analytical Results

Client Sample Description P7
Exterior window
Collected: 11/16/2021 ***Lab ID:*** *012113320-0007*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date & Analyst*		*Analysis Date & Analyst*	
GC-SVOA								
3546/8082A	Aroclor-1268	ND D	0.90	mg/Kg	11/23/2021	PG	11/23/2021 00:00	TL

Client Sample Description P8
Interior wall
Collected: 11/16/2021 ***Lab ID:*** *012113320-0008*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date & Analyst*		*Analysis Date & Analyst*	
GC-SVOA								
3546/8082A	Aroclor-1016	ND D	0.82	mg/Kg	11/23/2021	PG	11/23/2021 00:00	TL
3546/8082A	Aroclor-1221	ND D	0.82	mg/Kg	11/23/2021	PG	11/23/2021 00:00	TL
3546/8082A	Aroclor-1232	ND D	0.82	mg/Kg	11/23/2021	PG	11/23/2021 00:00	TL
3546/8082A	Aroclor-1242	1.1 D	0.82	mg/Kg	11/23/2021	PG	11/23/2021 00:00	TL
The Relative Percent Difference of the analytical results on the primary and secondary column is greater than 40%; the lower of the two results has been reported.								
3546/8082A	Aroclor-1248	ND D	0.82	mg/Kg	11/23/2021	PG	11/23/2021 00:00	TL
3546/8082A	Aroclor-1254	4.0 D	0.82	mg/Kg	11/23/2021	PG	11/23/2021 00:00	TL
3546/8082A	Aroclor-1260	ND D	0.82	mg/Kg	11/23/2021	PG	11/23/2021 00:00	TL
3546/8082A	Aroclor-1262	ND D	0.82	mg/Kg	11/23/2021	PG	11/23/2021 00:00	TL
3546/8082A	Aroclor-1268	ND D	0.82	mg/Kg	11/23/2021	PG	11/23/2021 00:00	TL

Client Sample Description P9
Interior wall
Collected: 11/16/2021 ***Lab ID:*** *012113320-0009*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date & Analyst*		*Analysis Date & Analyst*	
GC-SVOA								
3546/8082A	Aroclor-1016	ND D	0.84	mg/Kg	11/23/2021	PG	11/23/2021 00:00	TL
3546/8082A	Aroclor-1221	ND D	0.84	mg/Kg	11/23/2021	PG	11/23/2021 00:00	TL

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Project: **20-2682 Polaris**

Analytical Results

Client Sample Description P9
Interior wall

Collected: 11/16/2021 ***Lab ID:*** *012113320-0009*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date & Analyst*		*Analysis Date & Analyst*	
GC-SVOA								
3546/8082A	Aroclor-1232	ND D	0.84	mg/Kg	11/23/2021	PG	11/23/2021 00:00	TL
3546/8082A	Aroclor-1242	ND D	0.84	mg/Kg	11/23/2021	PG	11/23/2021 00:00	TL
3546/8082A	Aroclor-1248	ND D	0.84	mg/Kg	11/23/2021	PG	11/23/2021 00:00	TL
3546/8082A	Aroclor-1254	ND D	0.84	mg/Kg	11/23/2021	PG	11/23/2021 00:00	TL
3546/8082A	Aroclor-1260	ND D	0.84	mg/Kg	11/23/2021	PG	11/23/2021 00:00	TL
3546/8082A	Aroclor-1262	ND D	0.84	mg/Kg	11/23/2021	PG	11/23/2021 00:00	TL
3546/8082A	Aroclor-1268	ND D	0.84	mg/Kg	11/23/2021	PG	11/23/2021 00:00	TL

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Project: **20-2682 Polaris**

Analytical Results

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Client Sample Description P12 Door ***Collected:*** 11/16/2021 ***Lab ID:*** *012113320-0012*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date & Analyst*		*Analysis Date & Analyst*	
GC-SVOA								
3546/8082A	Aroclor-1016	ND D	4.8	mg/Kg	11/22/2021	PG	12/1/2021 00:00	TL
3546/8082A	Aroclor-1221	ND D	4.8	mg/Kg	11/22/2021	PG	12/1/2021 00:00	TL
3546/8082A	Aroclor-1232	ND D	4.8	mg/Kg	11/22/2021	PG	12/1/2021 00:00	TL
3546/8082A	Aroclor-1242	ND D	4.8	mg/Kg	11/22/2021	PG	12/1/2021 00:00	TL
3546/8082A	Aroclor-1248	ND D	4.8	mg/Kg	11/22/2021	PG	12/1/2021 00:00	TL
3546/8082A	Aroclor-1254	39 D	4.8	mg/Kg	11/22/2021	PG	12/1/2021 00:00	TL
3546/8082A	Aroclor-1260	ND D	4.8	mg/Kg	11/22/2021	PG	12/1/2021 00:00	TL
3546/8082A	Aroclor-1262	ND D	4.8	mg/Kg	11/22/2021	PG	12/1/2021 00:00	TL

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Project: **20-2682 Polaris**

Analytical Results

Client Sample Description P12
Door

Collected: 11/16/2021 ***Lab ID:*** *012113320-0012*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date & Analyst*		*Analysis Date & Analyst*	
GC-SVOA								
3546/8082A	Aroclor-1268	ND D	4.8	mg/Kg	11/22/2021	PG	12/1/2021 00:00	TL

Client Sample Description P13
Exterior window

Collected: 11/16/2021 ***Lab ID:*** *012113320-0013*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date & Analyst*		*Analysis Date & Analyst*	
GC-SVOA								
3546/8082A	Aroclor-1016	ND D	0.86	mg/Kg	11/23/2021	PG	11/23/2021 00:00	TL
3546/8082A	Aroclor-1221	ND D	0.86	mg/Kg	11/23/2021	PG	11/23/2021 00:00	TL
3546/8082A	Aroclor-1232	ND D	0.86	mg/Kg	11/23/2021	PG	11/23/2021 00:00	TL
3546/8082A	Aroclor-1242	ND D	0.86	mg/Kg	11/23/2021	PG	11/23/2021 00:00	TL
3546/8082A	Aroclor-1248	ND D	0.86	mg/Kg	11/23/2021	PG	11/23/2021 00:00	TL
3546/8082A	Aroclor-1254	14 D	0.86	mg/Kg	11/23/2021	PG	11/23/2021 00:00	TL
3546/8082A	Aroclor-1260	ND D	0.86	mg/Kg	11/23/2021	PG	11/23/2021 00:00	TL
3546/8082A	Aroclor-1262	ND D	0.86	mg/Kg	11/23/2021	PG	11/23/2021 00:00	TL
3546/8082A	Aroclor-1268	ND D	0.86	mg/Kg	11/23/2021	PG	11/23/2021 00:00	TL

Definitions:

MDL - method detection limit
J - Result was below the reporting limit, but at or above the MDL
ND - indicates that the analyte was not detected at the reporting limit
RL - Reporting Limit (Analytical)
D - Dilution Sample required a dilution which was used to calculate final results

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The following analytical report covers the analysis performed on samples submitted to EMSL Analytical, Inc. on 4/25/2022. The results are tabulated on the attached data pages for the following client designated project:

20-2682

The reference number for these samples is EMSL Order #012206431. Please use this reference when calling about these samples. If you have any questions, please do not hesitate to contact me at (856) 303-2500.

Approved By:

Owen McKenna, Chemistry Laboratory Director

The test results contained within this report meet the requirements of NELAP and/or the specific certification program that is applicable, unless otherwise noted.
NELAP Certifications: NJ 03036, NY 10872, PA 68-00367, CA ELAP 1877

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EMSL Order:	012206431
CustomerID:	NORT69
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Project: **20-2682**

Analytical Results

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Project: **20-2682**

Analytical Results

RESULTS NOT IN PROJECT BUILDING

Client Sample Description B4
Int. of Ext. Wall green painted concrete
Collected: 4/21/2022 ***Lab ID:*** *012206431-0004*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date & Analyst*		*Analysis Date & Analyst*	
GC-SVOA								
3540C/8082A	Aroclor-1016	ND	0.25	mg/Kg	5/3/2022	BP	5/4/2022 00:00	PG
3540C/8082A	Aroclor-1221	ND	0.25	mg/Kg	5/3/2022	BP	5/4/2022 00:00	PG
3540C/8082A	Aroclor-1232	ND	0.25	mg/Kg	5/3/2022	BP	5/4/2022 00:00	PG
3540C/8082A	Aroclor-1242	ND	0.25	mg/Kg	5/3/2022	BP	5/4/2022 00:00	PG
3540C/8082A	Aroclor-1248	ND	0.25	mg/Kg	5/3/2022	BP	5/4/2022 00:00	PG
3540C/8082A	Aroclor-1254	2.0	0.25	mg/Kg	5/3/2022	BP	5/4/2022 00:00	PG
3540C/8082A	Aroclor-1260	ND	0.25	mg/Kg	5/3/2022	BP	5/4/2022 00:00	PG
3540C/8082A	Aroclor-1262	ND	0.25	mg/Kg	5/3/2022	BP	5/4/2022 00:00	PG
3540C/8082A	Aroclor-1268	ND	0.25	mg/Kg	5/3/2022	BP	5/4/2022 00:00	PG

Client Sample Description M1
Int. of Ext. Wall Bare contrete
Collected: 4/21/2022 ***Lab ID:*** *012206431-0005*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date & Analyst*		*Analysis Date & Analyst*	
GC-SVOA								
3540C/8082A	Aroclor-1016	ND	0.25	mg/Kg	5/3/2022	BP	5/4/2022 00:00	PG
3540C/8082A	Aroclor-1221	ND	0.25	mg/Kg	5/3/2022	BP	5/4/2022 00:00	PG
3540C/8082A	Aroclor-1232	ND	0.25	mg/Kg	5/3/2022	BP	5/4/2022 00:00	PG
3540C/8082A	Aroclor-1242	ND	0.25	mg/Kg	5/3/2022	BP	5/4/2022 00:00	PG
3540C/8082A	Aroclor-1248	ND	0.25	mg/Kg	5/3/2022	BP	5/4/2022 00:00	PG
3540C/8082A	Aroclor-1254	ND	0.25	mg/Kg	5/3/2022	BP	5/4/2022 00:00	PG
3540C/8082A	Aroclor-1260	ND	0.25	mg/Kg	5/3/2022	BP	5/4/2022 00:00	PG
3540C/8082A	Aroclor-1262	ND	0.25	mg/Kg	5/3/2022	BP	5/4/2022 00:00	PG
3540C/8082A	Aroclor-1268	ND	0.25	mg/Kg	5/3/2022	BP	5/4/2022 00:00	PG

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Project: **20-2682**

Analytical Results

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Client Sample Description M3
Furred out GWB
Collected: 4/21/2022 ***Lab ID:*** *012206431-0007*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date & Analyst*		*Analysis Date & Analyst*	
GC-SVOA								
3540C/8082A	Aroclor-1016	ND	0.25	mg/Kg	5/3/2022	BP	5/4/2022 00:00	PG
3540C/8082A	Aroclor-1221	ND	0.25	mg/Kg	5/3/2022	BP	5/4/2022 00:00	PG
3540C/8082A	Aroclor-1232	ND	0.25	mg/Kg	5/3/2022	BP	5/4/2022 00:00	PG
3540C/8082A	Aroclor-1242	ND	0.25	mg/Kg	5/3/2022	BP	5/4/2022 00:00	PG
3540C/8082A	Aroclor-1248	ND	0.25	mg/Kg	5/3/2022	BP	5/4/2022 00:00	PG
3540C/8082A	Aroclor-1254	1.1	0.25	mg/Kg	5/3/2022	BP	5/4/2022 00:00	PG
3540C/8082A	Aroclor-1260	ND	0.25	mg/Kg	5/3/2022	BP	5/4/2022 00:00	PG
3540C/8082A	Aroclor-1262	ND	0.25	mg/Kg	5/3/2022	BP	5/4/2022 00:00	PG
3540C/8082A	Aroclor-1268	ND	0.25	mg/Kg	5/3/2022	BP	5/4/2022 00:00	PG

Client Sample Description Rm 310-1
Bare concrete wall
Collected: 4/21/2022 ***Lab ID:*** *012206431-0008*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date & Analyst*		*Analysis Date & Analyst*	
GC-SVOA								
3540C/8082A	Aroclor-1016	ND	0.25	mg/Kg	5/9/2022	AJ	5/10/2022 00:00	PG
3540C/8082A	Aroclor-1221	ND	0.25	mg/Kg	5/9/2022	AJ	5/10/2022 00:00	PG
3540C/8082A	Aroclor-1232	ND	0.25	mg/Kg	5/9/2022	AJ	5/10/2022 00:00	PG

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200 Route 130 North, Cinnaminson, NJ 08077
Phone/Fax: (856) 303-2500 / (856) 858-4571
http://www.EMSL.com EnvChemistry2@emsl.com

EMSL Order: 012206431
CustomerID: NORT69
CustomerPO:
ProjectID:

Attn: **Doug Dusek**
Nortech Environmental & Engineer Cnslt.
2400 College Road
Fairbanks, AK 99709

Phone: (907) 452-5688
Fax: (907) 452-5694
Received: 4/25/2022 09:00 AM

Project: **20-2682**

Analytical Results

Client Sample Description Rm 310-1
Bare concrete wall
Collected: 4/21/2022 ***Lab ID:*** *012206431-0008*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date & Analyst*		*Analysis Date & Analyst*	
GC-SVOA								
3540C/8082A	Aroclor-1242	ND	0.25	mg/Kg	5/9/2022	AJ	5/10/2022 00:00	PG
3540C/8082A	Aroclor-1248	ND	0.25	mg/Kg	5/9/2022	AJ	5/10/2022 00:00	PG
3540C/8082A	Aroclor-1254	ND	0.25	mg/Kg	5/9/2022	AJ	5/10/2022 00:00	PG
3540C/8082A	Aroclor-1260	ND	0.25	mg/Kg	5/9/2022	AJ	5/10/2022 00:00	PG
3540C/8082A	Aroclor-1262	ND	0.25	mg/Kg	5/9/2022	AJ	5/10/2022 00:00	PG
3540C/8082A	Aroclor-1268	ND	0.25	mg/Kg	5/9/2022	AJ	5/10/2022 00:00	PG

Client Sample Description Rm 310-2
Bare concrete Cloumn
Collected: 4/21/2022 ***Lab ID:*** *012206431-0009*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date & Analyst*		*Analysis Date & Analyst*	
GC-SVOA								
3540C/8082A	Aroclor-1016	ND	0.25	mg/Kg	5/9/2022	AJ	5/10/2022 00:00	PG
3540C/8082A	Aroclor-1221	ND	0.25	mg/Kg	5/9/2022	AJ	5/10/2022 00:00	PG
3540C/8082A	Aroclor-1232	ND	0.25	mg/Kg	5/9/2022	AJ	5/10/2022 00:00	PG
3540C/8082A	Aroclor-1242	ND	0.25	mg/Kg	5/9/2022	AJ	5/10/2022 00:00	PG
3540C/8082A	Aroclor-1248	ND	0.25	mg/Kg	5/9/2022	AJ	5/10/2022 00:00	PG
3540C/8082A	Aroclor-1254	ND	0.25	mg/Kg	5/9/2022	AJ	5/10/2022 00:00	PG
3540C/8082A	Aroclor-1260	ND	0.25	mg/Kg	5/9/2022	AJ	5/10/2022 00:00	PG
3540C/8082A	Aroclor-1262	ND	0.25	mg/Kg	5/9/2022	AJ	5/10/2022 00:00	PG
3540C/8082A	Aroclor-1268	ND	0.25	mg/Kg	5/9/2022	AJ	5/10/2022 00:00	PG

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Attn: **Doug Dusek**
Nortech Environmental & Engineer Cnslt.
2400 College Road
Fairbanks, AK 99709

Phone: (907) 452-5688
Fax: (907) 452-5694
Received: 4/25/2022 09:00 AM

Project: **20-2682**

Analytical Results

Client Sample Description Rm 311
Bare conrete wall

Collected: 4/21/2022 ***Lab ID:*** *012206431-0010*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date & Analyst*		*Analysis Date & Analyst*	
GC-SVOA								
3540C/8082A	Aroclor-1016	ND	0.25	mg/Kg	5/9/2022	AJ	5/10/2022 00:00	PG
3540C/8082A	Aroclor-1221	ND	0.25	mg/Kg	5/9/2022	AJ	5/10/2022 00:00	PG
3540C/8082A	Aroclor-1232	ND	0.25	mg/Kg	5/9/2022	AJ	5/10/2022 00:00	PG
3540C/8082A	Aroclor-1242	ND	0.25	mg/Kg	5/9/2022	AJ	5/10/2022 00:00	PG
3540C/8082A	Aroclor-1248	ND	0.25	mg/Kg	5/9/2022	AJ	5/10/2022 00:00	PG
3540C/8082A	Aroclor-1254	ND	0.25	mg/Kg	5/9/2022	AJ	5/10/2022 00:00	PG
3540C/8082A	Aroclor-1260	ND	0.25	mg/Kg	5/9/2022	AJ	5/10/2022 00:00	PG
3540C/8082A	Aroclor-1262	ND	0.25	mg/Kg	5/9/2022	AJ	5/10/2022 00:00	PG
3540C/8082A	Aroclor-1268	ND	0.25	mg/Kg	5/9/2022	AJ	5/10/2022 00:00	PG

Definitions:
MDL - method detection limit
J - Result was below the reporting limit, but at or above the MDL
ND - indicates that the analyte was not detected at the reporting limit
RL - Reporting Limit (Analytical)
D - Dilution Sample required a dilution which was used to calculate final results

Attachment 5

NORTECH

SUSTAINABLE ENVIRONMENT, ENERGY,
HEALTH & SAFETY PROFESSIONAL SERVICES

***NORTECH*, Inc.**

♦

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907.452.5694 Fax

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907.222.0915 Fax

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5438 Shaune Drive
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Juneau, AK 99801
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907.586.6819 Fax

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www.nortechengr.com

June 6, 2023

Inventory of Suspected Refrigerant Containing Equipment
Polaris Building

Presented below is a list of identified devices that may contain refrigerant within the Polaris Building. Also attached are photographs of this equipment and location maps.

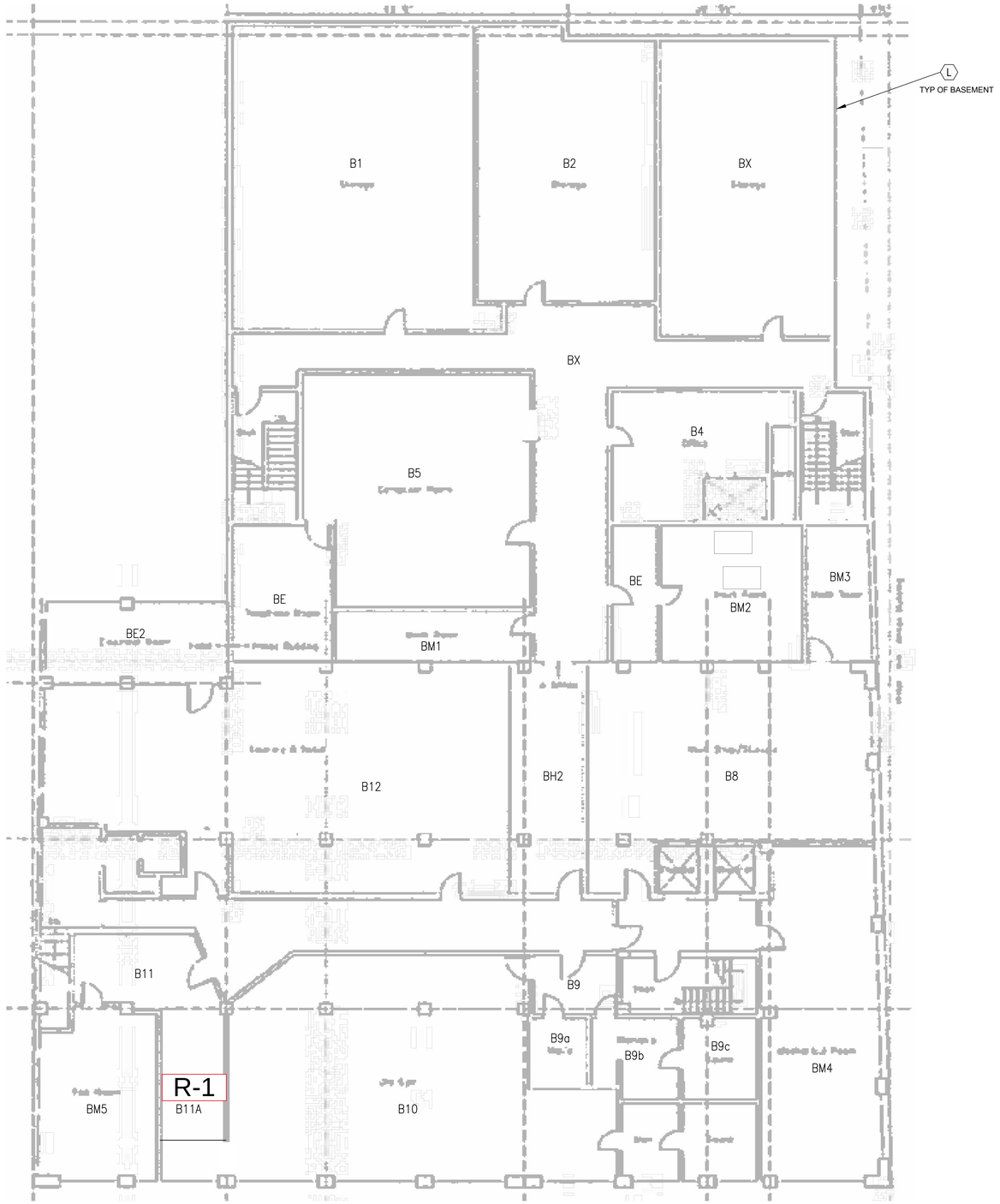
Refrigerator Inventory – Polaris Building

Floor	Room	Description	Map ID	Photo #
Basement	B11A	Air conditioner parts x 5	R-1	1-2
Main (Ground) Floor	Bar	Under cabinet refrigerators x 2	R-2	3-4
		Keg refrigerator	R-3	5
	Kitchen	Walk in refrigerator	R-4	6
	Kitchen Hall	Ice machine (north of kitchen)	R-9	7
	Store	Mini refrigerator	R-10	8
5th Floor	Rm. 414	Mini refrigerator	R-11	9
10th Floor	Rm. 915	Mini refrigerator/ Kitchen unit	R-12	10
Penthouse	Kitchen Storage	Walk in refrigerator	R-13	11-12, 14
		Walk in freezer	R-14	12-13
		Standup refrigerator	R-15	12
		Ice machine	R-16	14
	Bar	Glass display refrigerator	R-17	15
		Under cabinet refrigerator	R-18	16
	Bar Closet	Stand up refrigerator	R-19	17-18
	Kitchen Hall	Double standup refrigerator	R-20	19
	Kitchen	Glass display refrigerator	R-21	20
		Chest freezer	R-22	21
		Standup refrigerator	R-23	22
Roof		Air handling unit	R-24	23
		Air handling condenser	R-25	24

Attachments:

1) Photographs
2) Location Maps

Refrigeration Equipment Location Map - Basement



1 HAZMAT - BASEMENT CEILING PLAN
SCALE: NONE

GENERAL NOTES

1. ASBESTOS-CONTAINING OR ASSUMED ASBESTOS-CONTAINING MATERIALS DEPICTED ON HM DRAWINGS ARE LOCATED IN THE BUILDING AND ARE ONLY USED TO NOTIFY THE CONTRACTOR(S) ABOUT THE APPROXIMATE LOCATIONS OF SUCH MATERIALS. IF REMOVAL AND DISPOSAL OF THESE MATERIALS BECOME NECESSARY TO FACILITATE FUTURE RENOVATION/DEMOLITION PROJECTS, SUCH WORK SHOULD BE ACCOMPLISHED BY CERTIFIED ASBESTOS WORKERS IN ACCORDANCE WITH 29 CFR 1926.1101 AND 8 ACC 61.600-790.

LEGEND

L — MERCURY-CONTAINING LIGHT TUBES AND PCB-CONTAINING BALLASTS

CROSS-HATCHINGS AND ICONS SHOWN ABOVE REFER ONLY TO HAZMAT ITEMS DESCRIBED ON THIS SHEET. ANY REPEAT OCCURRENCES OF SUCH FOUND ON OTHER SHEETS IN THIS HAZMAT SET ARE SUBJECT TO THE DESCRIPTIONS PROVIDED ON THAT PARTICULAR SHEET.

ABBREVIATIONS

ACM - ASBESTOS-CONTAINING MATERIAL
AHU - AIR HANDLING UNIT
CMU - CONCRETE MASONRY UNIT
DIA - DIAMETER
GWB - GYPSUM WALL BOARD
LB - LARGE BORE
OD - OUTSIDE DIAMETER
PCB - POLYCHLORINATED BIPHENYL
SB - SMALL BORE
SVF - SHEET VINYL FLOORING
TSI - THERMAL SYSTEM INSULATION
VAT - VINYL ASBESTOS TILE
VCT - VINYL COMPOSITE TILE
W/ - WITH

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720 THIRD AVENUE
SEATTLE, WA

EHSI PROJECT # 50000-PH
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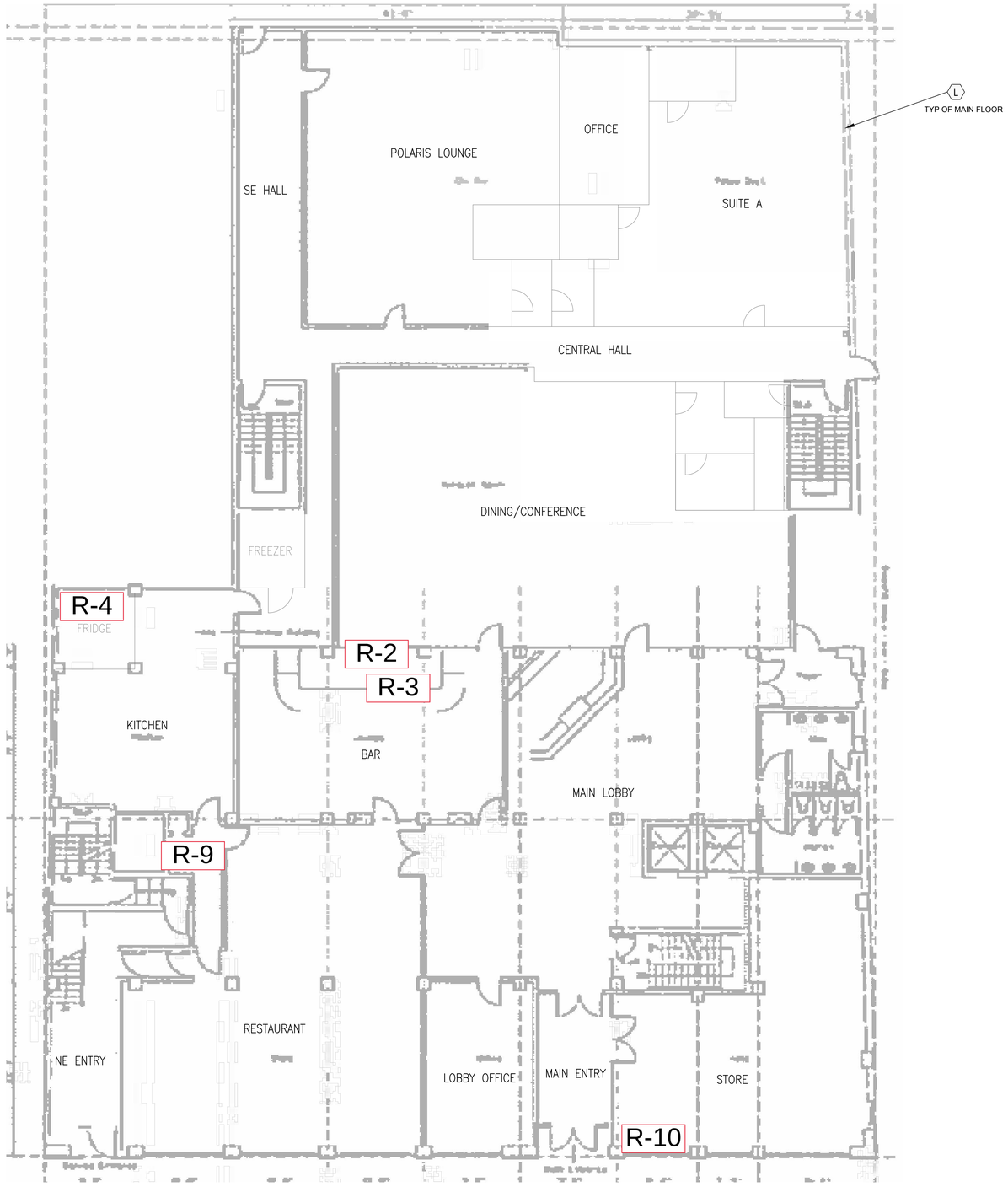
DRAWN FD
CHECKED DE
ISSUED 08/11/17
STATUS

HAZMAT - BASEMENT CEILING PLAN

SHEET
HM-3

Refrigeration Equipment Location Map - Main (Ground) Floor



1 HAZMAT - MAIN FLOOR CEILING PLAN
SCALE: NONE

GENERAL NOTES

1. ASBESTOS-CONTAINING OR ASSUMED ASBESTOS-CONTAINING MATERIALS DEPICTED ON HM DRAWINGS ARE LOCATED IN THE BUILDING AND ARE ONLY USED TO NOTIFY THE CONTRACTOR(S) ABOUT THE APPROXIMATE LOCATIONS OF SUCH MATERIALS. IF REMOVAL AND DISPOSAL OF THESE MATERIALS BECOME NECESSARY TO FACILITATE FUTURE RENOVATION/DEMOLITION PROJECTS, SUCH WORK SHOULD BE ACCOMPLISHED BY CERTIFIED ASBESTOS WORKERS IN ACCORDANCE WITH 29 CFR 1926.1101 AND 8 ACC 61.600-790.

LEGEND

L — MERCURY-CONTAINING LIGHT TUBES AND PCB-CONTAINING BALLASTS

CROSS-HATCHINGS AND ICONS SHOWN ABOVE REFER ONLY TO HAZMAT ITEMS DESCRIBED ON THIS SHEET. ANY REPEAT OCCURRENCES OF SUCH FOUND ON OTHER SHEETS IN THIS HAZMAT SET ARE SUBJECT TO THE DESCRIPTIONS PROVIDED ON THAT PARTICULAR SHEET.

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SB - SMALL BORE
SVF - SHEET VINYL FLOORING
TSI - THERMAL SYSTEM INSULATION
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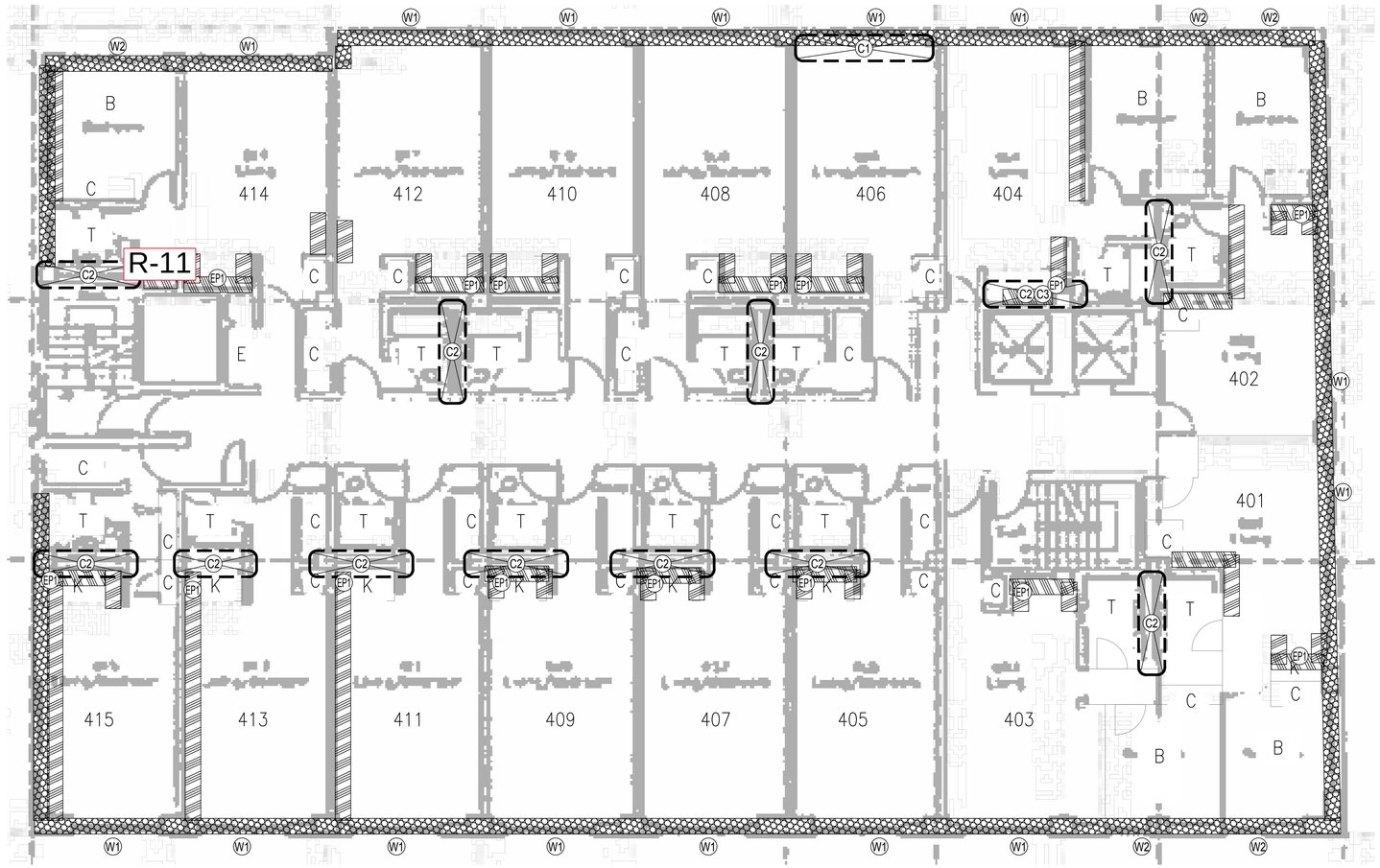
HAZMAT - MAIN FLOOR CEILING PLAN

SHEET
HM-6

Refrigeration Equipment Location Map - 5th Floor



1 HAZMAT - 5TH FLOOR WALL PLAN
SCALE: NONE

GENERAL NOTES

1. ASBESTOS-CONTAINING OR ASSUMED ASBESTOS-CONTAINING MATERIALS DEPICTED ON HM DRAWINGS ARE LOCATED IN THE BUILDING AND ARE ONLY USED TO NOTIFY THE CONTRACTOR(S) ABOUT THE APPROXIMATE LOCATIONS OF SUCH MATERIALS. IF REMOVAL AND DISPOSAL OF THESE MATERIALS BECOME NECESSARY TO FACILITATE FUTURE RENOVATION/DEMOLITION PROJECTS, SUCH WORK SHOULD BE ACCOMPLISHED BY CERTIFIED ASBESTOS WORKERS IN ACCORDANCE WITH 29 CFR 1926.1101 AND 8 ACC 61.600-790.

LEGEND

- (W1) 7'X3.5' WOOD-FRAMED WINDOWS W/ ACM EXTERIOR BROWN, OFF-WHITE/BEIGE, GRAY, AND/OR LIGHT GRAY WINDOW FRAME CAULKING W/ ACM BEIGE, GRAY, OR WHITE WINDOW GLAZING PUTTY
- (W2) 3.5'X3.5' WOOD-FRAMED WINDOWS W/ ACM EXTERIOR BROWN, OFF-WHITE/ BEIGE, GRAY, AND/OR LIGHT GRAY WINDOW FRAME CAULKING W/ ACM BEIGE, GRAY, OR WHITE WINDOW GLAZING PUTTY
- (C1) ACM SB GRAY CORRUGATED CARDBOARD TSI (ON METAL PIPE RUNS) W/ ACM HARD MUDDED ELBOWS (ON METAL PIPE ELBOWS)
- (C2) ACM SB GRAY CORRUGATED CARDBOARD TSI (ON METAL PIPE RUNS) W/ ACM HARD MUDDED ELBOWS (ON METAL PIPE ELBOWS) CONCEALED IN WET WALLS OR ABOVE DROP CEILINGS
- (C3) ACM LB GRAY CORRUGATED CARDBOARD TSI (ON METAL PIPE RUNS) W/ ACM HARD MUDDED ELBOW TSI (ON METAL PIPE ELBOWS) CONCEALED IN WET WALLS
- ACM BLACK GLUE DOTS (BETWEEN WOOD WALL FRAMING AND CONCRETE WALLS)
- WOOD WALL PANELS W/ ACM GRAY, BEIGE, AND/OR BROWN MASTIC ON NON-ACM WHITE PLASTER TOP COAT ON NON-ACM GRAY PLASTER WALL
- (EP1) 10"X15" ELECTRICAL PANEL WITH ACM BLACK INTERNAL COMPONENTS

CROSS-HATCHINGS AND ICONS SHOWN ABOVE REFER ONLY TO HAZMAT ITEMS DESCRIBED ON THIS SHEET. ANY REPEAT OCCURRENCES OF SUCH FOUND ON OTHER SHEETS IN THIS HAZMAT SET ARE SUBJECT TO THE DESCRIPTIONS PROVIDED ON THAT PARTICULAR SHEET.

ABBREVIATIONS

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TSI - THERMAL SYSTEM INSULATION
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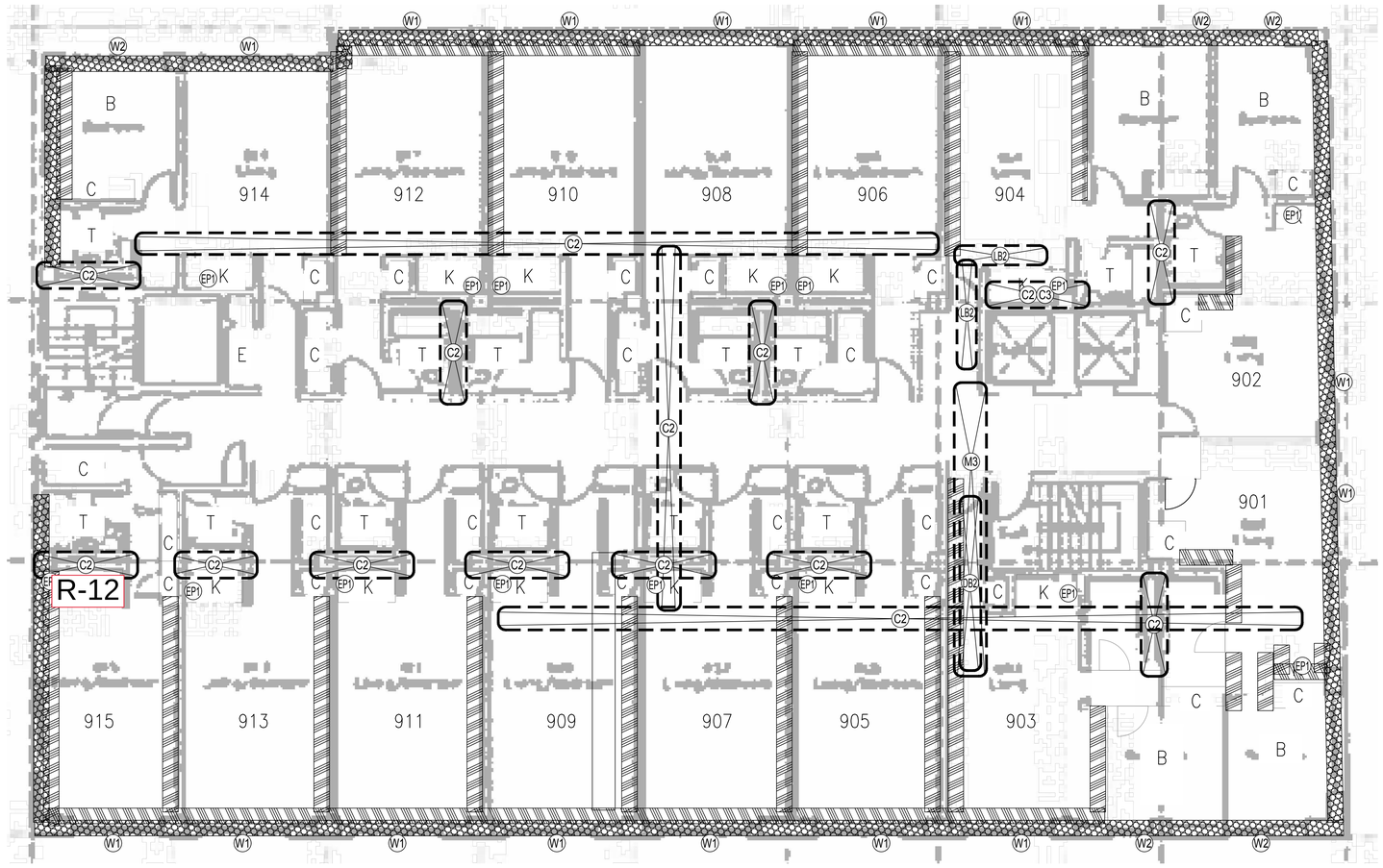
HAZMAT - 5TH FLOOR WALL PLAN

SHEET
HM-17

Refrigeration Equipment Location Map - 10th Floor



1 HAZMAT - 10TH FLOOR WALL PLAN
SCALE: NONE

GENERAL NOTES

1. ASBESTOS-CONTAINING OR ASSUMED ASBESTOS-CONTAINING MATERIALS DEPICTED ON HM DRAWINGS ARE LOCATED IN THE BUILDING AND ARE ONLY USED TO NOTIFY THE CONTRACTOR(S) ABOUT THE APPROXIMATE LOCATIONS OF SUCH MATERIALS. IF REMOVAL AND DISPOSAL OF THESE MATERIALS BECOME NECESSARY TO FACILITATE FUTURE RENOVATION/DEMOLITION PROJECTS, SUCH WORK SHOULD BE ACCOMPLISHED BY CERTIFIED ASBESTOS WORKERS IN ACCORDANCE WITH 29 CFR 1926.1101 AND 8 ACC 61.600-790.

LEGEND

- W1 — 7'X3.5' WOOD-FRAMED WINDOWS W/ ACM EXTERIOR BROWN, OFF-WHITE/BEIGE, GRAY, AND/OR LIGHT GRAY WINDOW FRAME CAULKING W/ ACM BEIGE, GRAY, OR WHITE WINDOW GLAZING PUTTY
- W2 — 3.5'X3.5' WOOD-FRAMED WINDOWS W/ ACM EXTERIOR BROWN, OFF-WHITE/ BEIGE, GRAY, AND/OR LIGHT GRAY WINDOW FRAME CAULKING W/ ACM BEIGE, GRAY, OR WHITE WINDOW GLAZING PUTTY
- M3 — ACM LB WHITE MAG TSI W/ NON-ACM CLOTH WRAP (ON METAL PIPE RUNS AND ELBOWS) CONCEALED IN WET WALLS OR ABOVE DROP CEILINGS
- C2 — ACM SB GRAY CORRUGATED CARDBOARD TSI (ON METAL PIPE RUNS) W/ ACM HARD MUDDED ELBOWS (ON METAL PIPE ELBOWS) CONCEALED IN WET WALLS OR ABOVE DROP CEILINGS
- C3 — ACM LB GRAY CORRUGATED CARDBOARD TSI (ON METAL PIPE RUNS) W/ ACM HARD MUDDED ELBOW TSI (ON METAL PIPE ELBOWS) CONCEALED IN WET WALLS
- LB2 — ACM LB HARD MUDDED ELBOW TSI W/ NON-ACM CLOTH WRAP (ON METAL PIPE ELBOW WITH FIBERGLASS TSI ON RUNS) CONCEALED ABOVE DROP CEILINGS
- DB2 — ACM MAG TSI DEBRIS AND/OR ACM CORRUGATED CARDBOARD TSI DEBRIS ON CARPET FLOORING
- ACM BLACK GLUE DOTS (BETWEEN WOOD WALL FRAMING AND CONCRETE WALLS)
- WOOD WALL PANELS W/ ACM GRAY, BEIGE, AND/OR BROWN MASTIC ON NON-ACM WHITE PLASTER TOP COAT ON NON-ACM GRAY PLASTER WALL
- EP1 — 10"X15" ELECTRICAL PANEL WITH ACM BLACK INTERNAL COMPONENTS

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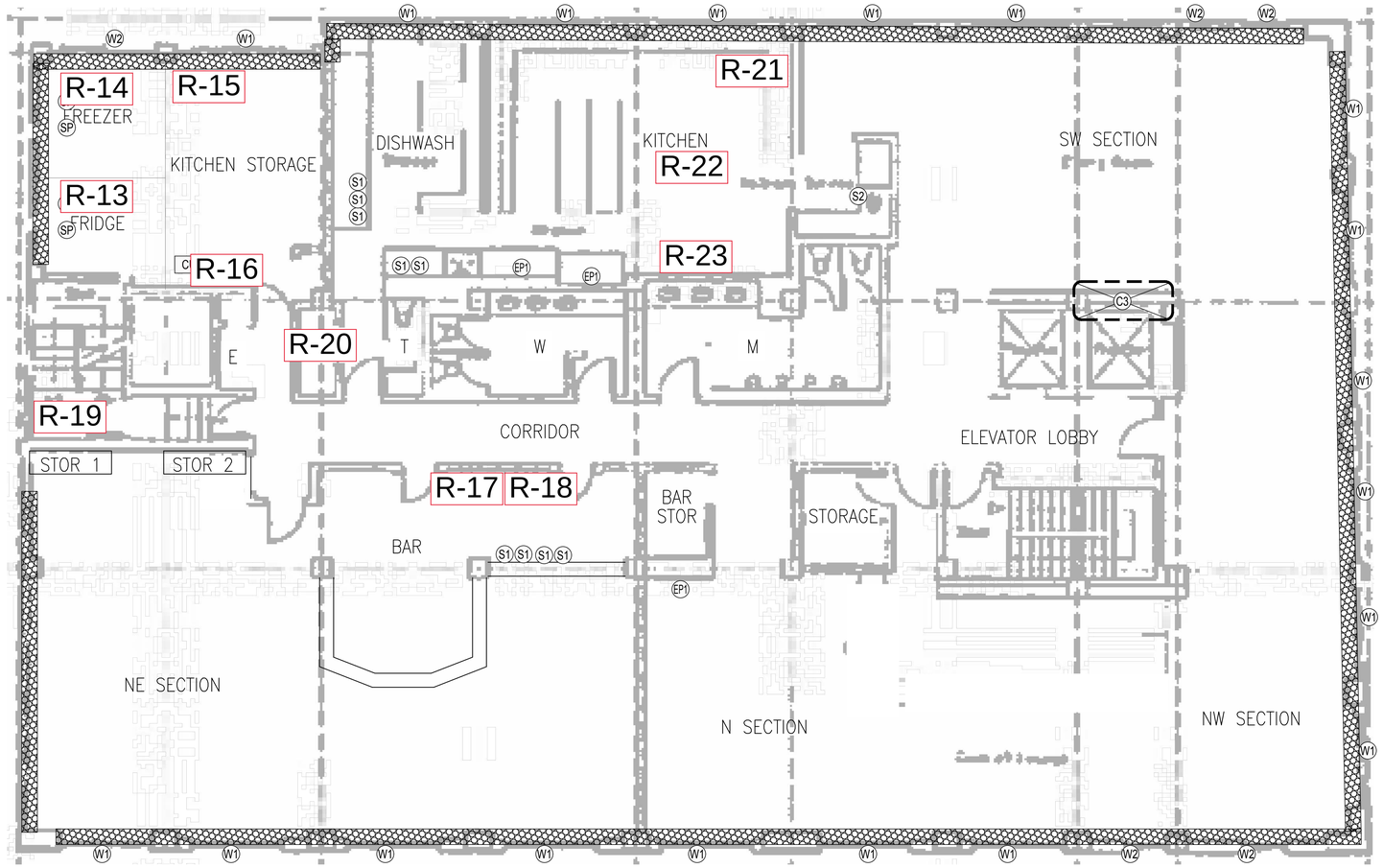
HAZMAT - 10TH FLOOR WALL PLAN

SHEET

HM-32

Refrigeration Equipment Location Map - Penthouse



1 HAZMAT - PENTHOUSE WALL PLAN
SCALE: NONE

GENERAL NOTES

1. ASBESTOS-CONTAINING OR ASSUMED ASBESTOS-CONTAINING MATERIALS DEPICTED ON HM DRAWINGS ARE LOCATED IN THE BUILDING AND ARE ONLY USED TO NOTIFY THE CONTRACTOR(S) ABOUT THE APPROXIMATE LOCATIONS OF SUCH MATERIALS. IF REMOVAL AND DISPOSAL OF THESE MATERIALS BECOME NECESSARY TO FACILITATE FUTURE RENOVATION/DEMOLITION PROJECTS, SUCH WORK SHOULD BE ACCOMPLISHED BY CERTIFIED ASBESTOS WORKERS IN ACCORDANCE WITH 29 CFR 1926.1101 AND 8 ACC 61.600-790.

LEGEND

W1	7"X3.5' WOOD-FRAMED WINDOWS W/ ACM EXTERIOR BROWN, OFF-WHITE/BEIGE, GRAY, AND/OR LIGHT GRAY WINDOW FRAME CAULKING W/ ACM BEIGE, GRAY, OR WHITE WINDOW GLAZING PUTTY
W2	3.5'X3.5' WOOD-FRAMED WINDOWS W/ ACM EXTERIOR BROWN, OFF-WHITE/ BEIGE, GRAY, AND/OR LIGHT GRAY WINDOW FRAME CAULKING W/ ACM BEIGE, GRAY, OR WHITE WINDOW GLAZING PUTTY
C3	ACM LB GRAY CORRUGATED CARDBOARD TSI (ON METAL PIPE RUNS) W/ ACM HARD MUDDED ELBOW TSI (ON METAL PIPE ELBOWS) CONCEALED IN WET WALLS
	ACM BLACK GLUE DOTS (BETWEEN WOOD WALL FRAMING AND CONCRETE WALLS)
EP1	10"X15" ELECTRICAL PANEL WITH ACM BLACK INTERNAL COMPONENTS
S2	SMALL STAINLESS STEEL DOUBLE SINK W/ ACM GRAY SINK UNDERCOAT W/ NON-ACM BROWN & TAN SINK DRAIN GASKETS W/ ACM TAN PUTTY
S1	STAINLESS STEEL SINKS W/ NON-ACM BROWN & TAN SINK DRAIN GASKETS W/ ACM TAN PUTTY
SP	ACM BEIGE PUTTY/SEALANT ON 2' LONG MOUNTS TO FAN UNITS IN FREEZER AND FRIDGE
CU	ACM 4"X8" GREEN/GRAY MOTOR GASKETS ON CONDENSING UNITS

CROSS-HATCHINGS AND ICONS SHOWN ABOVE REFER ONLY TO HAZMAT ITEMS DESCRIBED ON THIS SHEET. ANY REPEAT OCCURRENCES OF SUCH FOUND ON OTHER SHEETS IN THIS HAZMAT SET ARE SUBJECT TO THE DESCRIPTIONS PROVIDED ON THAT PARTICULAR SHEET.

ABBREVIATIONS

ACM - ASBESTOS-CONTAINING MATERIAL
AHU - AIR HANDLING UNIT
CMU - CONCRETE MASONRY UNIT
DIA - DIAMETER
GWB - GYPSUM WALL BOARD
LB - LARGE BORE
OD - OUTSIDE DIAMETER
PCB - POLYCHLORINATED BIPHENYL
SB - SMALL BORE
SVF - SHEET VINYL FLOORING
TSI - THERMAL SYSTEM INSULATION
VAT - VINYL ASBESTOS TILE
VCT - VINYL COMPOSITE TILE
W/ - WITH

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FORMER POLARIS HOTEL
427 FIRST AVENUE
FAIRBANKS, AK

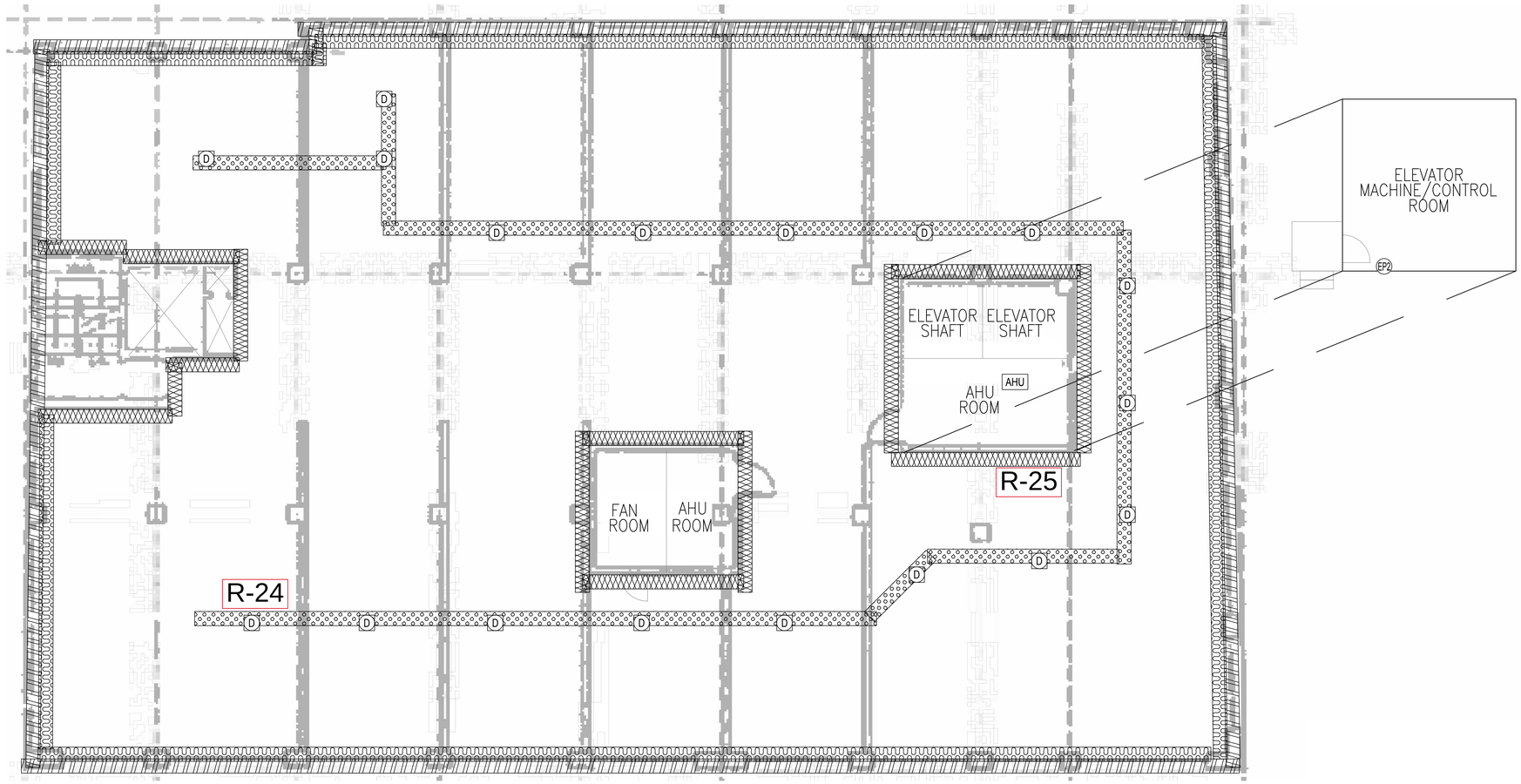
ECOLOGY AND ENVIRONMENT
720 THIRD AVENUE
SEATTLE, WA

EHSI PROJECT #: 50000-PH
DESIGNED: RP
DRAWN: FD
CHECKED: DE
ISSUED: 08/11/17
STATUS:

HAZMAT - PENTHOUSE WALL PLAN

SHEET
HM-35

Refrigeration Equipment Location Map - Roof



1 HAZMAT - ROOF WALL PLAN
SCALE: NONE

GENERAL NOTES

1. ASBESTOS-CONTAINING OR ASSUMED ASBESTOS-CONTAINING MATERIALS DEPICTED ON HM DRAWINGS ARE LOCATED IN THE BUILDING AND ARE ONLY USED TO NOTIFY THE CONTRACTOR(S) ABOUT THE APPROXIMATE LOCATIONS OF SUCH MATERIALS. IF REMOVAL AND DISPOSAL OF THESE MATERIALS BECOME NECESSARY TO FACILITATE FUTURE RENOVATION/DEMOLITION PROJECTS, SUCH WORK SHOULD BE ACCOMPLISHED BY CERTIFIED ASBESTOS WORKERS IN ACCORDANCE WITH 29 CFR 1926.1101 AND 8 ACC 61.600-790.

LEGEND

AHU	AHU W/ ACM BROWN AND/OR BLACK SEAM SEALANT/PUTTY
EP2	8"X10" SMALL ELECTRICAL PANEL WITH ACM BLACK INTERNAL COMPONENTS
D	NON-ACM YELLOW/WHITE FOAM DUCT INSULATION W/ ACM TAN GLUE DOTS (ON 1'X1' VERTICAL 8' TALL METAL AIR DUCTS)
	NON-ACM YELLOW/WHITE FOAM DUCT INSULATION W/ ACM TAN GLUE DOTS (ON 2'X2' METAL AIR DUCTS)
	NEWER NON-ACM BLACK ASPHALTIC TAR ON NON-ACM YELLOW FOAM SEALANT ON ACM BLACK ASPHALTIC TAR (AT WALL-ROOF CONNECTIONS
	ACM BLACK ASPHALTIC TAR/SEALANT ON ACM SILVER/BEIGE PAINT ON ACM BLACK ASPHALTIC TAR/SEALANT ON ACM LIGHT GRAY/BROWN PARAPET CAP CAULKING (BETWEEN CONCRETE CAP AND CONCRETE WALLS)
	MULTIPLE ACM BLACK ASPHALTIC VAPOR BARRIERS W/ NON-ACM BLACK ASPHALTIC TAR (ON PARAPET WALLS)

CROSS-HATCHINGS AND ICONS SHOWN ABOVE REFER ONLY TO HAZMAT ITEMS DESCRIBED ON THIS SHEET. ANY REPEAT OCCURRENCES OF SUCH FOUND ON OTHER SHEETS IN THIS HAZMAT SET ARE SUBJECT TO THE DESCRIPTIONS PROVIDED ON THAT PARTICULAR SHEET.

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HAZMAT - ROOF WALL PLAN

SHEET
HM-38

Photo 1: *Refrigeration / air conditioner parts (R-1) - Basement*

Photo 2: *Refrigeration / air conditioner parts (R-1) - Basement*

Photo 3: *Typical under cabinet refrigerator (R-2) – Ground floor*

Photo 4: *Typical under cabinet refrigerator close-up (R-2) – Ground floor*

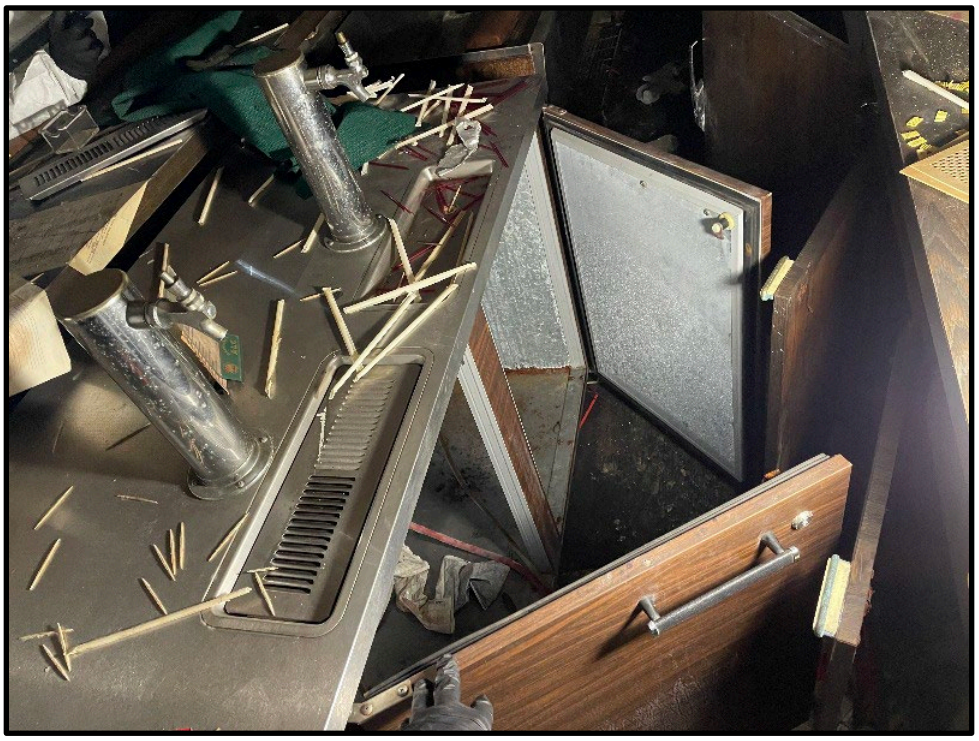

Photo 5: *Keg refrigerator (R-3) – Ground floor*

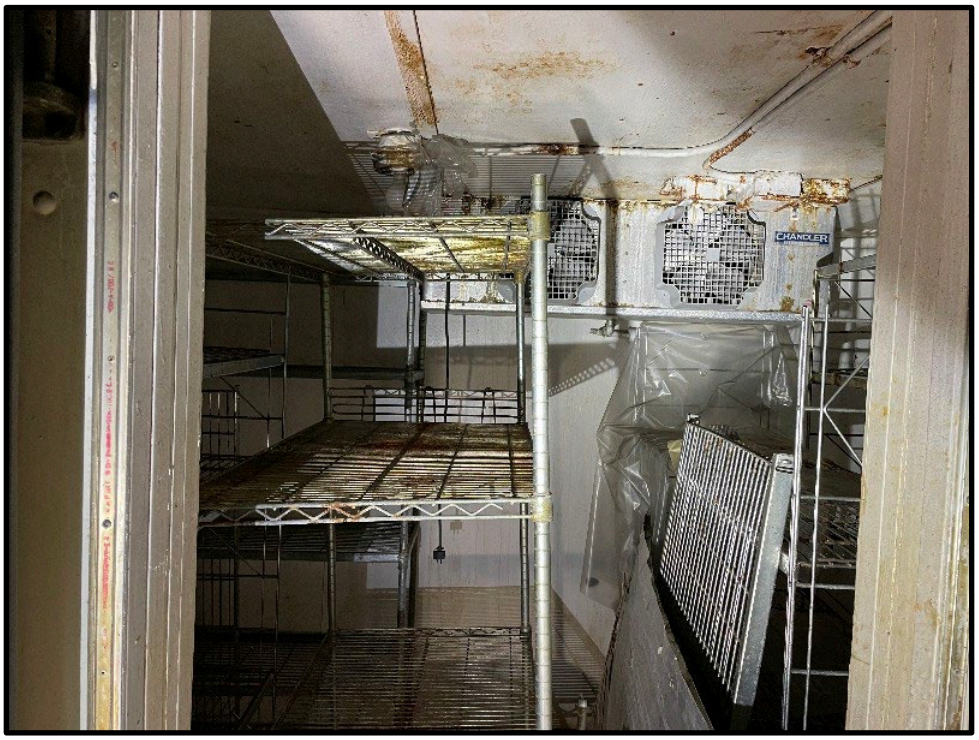

Photo 6: *Walk-in refrigerator (R-4) – Ground floor*

Photo 7: *Ice machine (R-9) – Ground floor*

Photo 8: *Mini-fridge (R-10) – Ground Floor*

Photo 9: *Mini-fridge (R-11) - 5th floor*

Photo 10: *Mini-fridge / Kitchen unit (R-12) – 10th floor*

Photo 11: *Walk-in refrigerator inside (R-13) – Penthouse floor*

Photo 12: *From left to right: walk-in refrigerator (R-13), walk-in freezer (R-14), standup refrigerator (R-15) – Penthouse floor*

Photo 13: *Walk-in freezer inside (R-14) – Penthouse floor*

Photo 14: *From left to right: Ice machine (R-16), walk-in refrigerator (R-13) – Penthouse floor*

Photo 15: *Glass display refrigerator (R-17) – Penthouse floor*

Photo 16: *Under cabinet refrigerator (R-18) – Penthouse floor*

Photo 17: *Standup refrigerator (top) (R-19) – Penthouse floor*

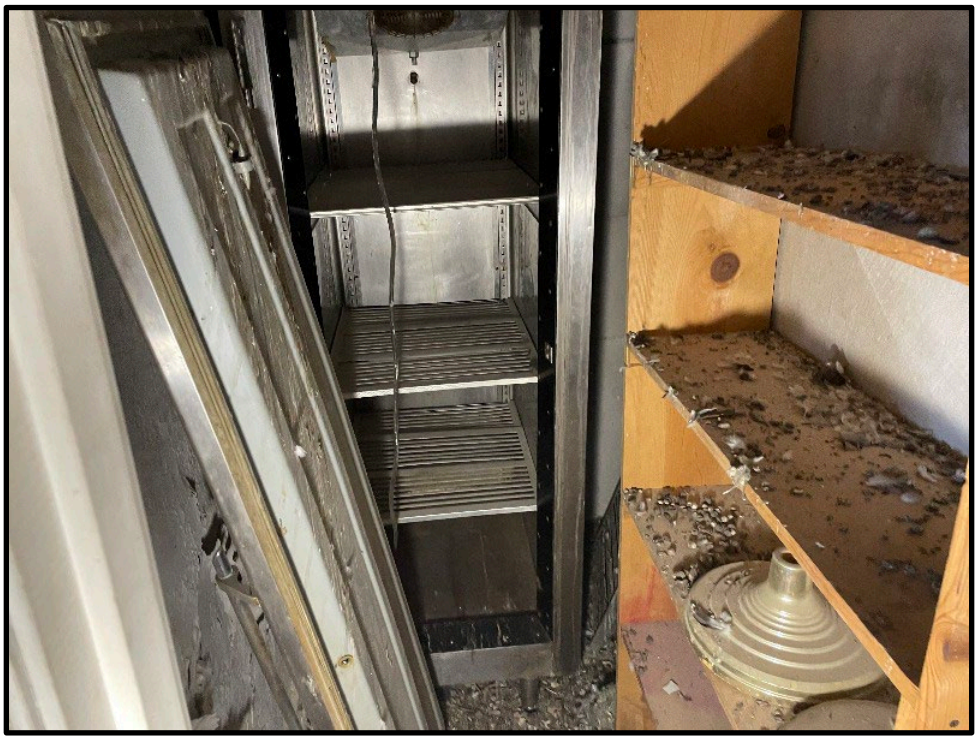

Photo 18: *Standup refrigerator (bottom) (R-19) – Penthouse floor*

Photo 19: *Double standup refrigerator (R-20) – Penthouse floor*

Photo 20: *Glass display refrigerator (R-21) – Penthouse floor*

Photo 21: *Chest freezer (R-22) – Penthouse floor*

Photo 22: *Standup refrigerator (R-23) – Penthouse floor*

Photo 23: *Air handling unit (R-24) - Roof*

Photo 24: *Air handling condenser (R-25) - Roof*

***NORTECH*, Inc.**

♦

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Attachment 6
EHSI Table 3 XRF Sampling

This attachment provides XRF results for painted materials in the Polaris Tower as assessed by EHSI and presented in their 2017 report. ***NORTECH*** has reviewed this data and highlighted samples above the HUD regulatory standard for lead-based paint (1.0 mg/cm²). Most, but not all, results were less than 1.0 mg/cm².

The sample data includes the “room” sampled, surface, material composition, color, and result. However, the specific sample locations were not provided on figures with the EHSI 2017 report. While the results are considered adequate to understand the overall lead content of paint within the building, the room description is not considered adequate for these results to be used for assessment of demolition waste streams or worker safety concerns.

In addition, ceramic samples included in the table that are greater than 1.0 mg/cm² are not highlighted. Ceramics are not painted and XRF results are not considered adequate to assess the demolition waste streams or worker safety concerns.
and are not lead-based paint.

Results with a red strikethrough are samples that are not within the Polaris and pertain to the Polaris Annex. The Polaris Annex has been demolished and these results are not considered relevant to the demolition of the Polaris Tower.

##	HUD Lead-Based Paint
~~Red Line~~	Test Location Not in Polaris Tower

TABLE 3
XRF SAMPLING
SUMMARY OF PAINTED COMPONENTS AND MATERIALS
FORMER POLARIS HOTEL (PH)

Read. #	Building	Room	Component	Substrate	Color	Lead Conc. (mg/cm²)
~~5~~	~~PH~~	~~NIST CHECK~~	~~NIST CHECK~~	~~NIST CHECK~~	~~NIST CHECK~~	~~0.98~~
6	PH	SE STAIRS	WALL	CONCRETE	OFF WHITE	0
7	PH	SE STAIRS	HAND RAIL	METAL	RED	0.31
~~8~~	~~PH~~	~~B H 1~~	~~WALL~~	~~DRYWALL~~	~~OFF WHITE~~	~~0~~
~~9~~	~~PH~~	~~B H 1~~	~~DOOR TRIM~~	~~WOOD~~	~~OFF WHITE~~	~~0~~
~~10~~	~~PH~~	~~B H 1~~	~~DOOR FRAME~~	~~WOOD~~	~~OFF WHITE~~	~~0~~
~~11~~	~~PH~~	~~B H 1~~	~~WINDOW FRAME~~	~~WOOD~~	~~OFF WHITE~~	~~0~~
12	PH	SW STAIRS	DOOR FRAME	METAL	DARK BLUE	0
13	PH	SW STAIRS	DOOR FRAME	METAL	DARK BLUE	0
~~14~~	~~PH~~	~~B 4~~	~~WALL~~	~~CMU BRICK~~	~~WHITE~~	~~0~~
15	PH	B 6	WALL	CONCRETE	OFF WHITE	0
~~16~~	~~PH~~	~~B M 1~~	~~HVAC DOOR~~	~~METAL~~	~~BLUE~~	~~0~~
~~17~~	~~PH~~	~~B M 1~~	~~DOOR~~	~~METAL~~	~~GRAY~~	~~0.04~~
~~18~~	~~PH~~	~~B M 1~~	~~DOOR~~	~~METAL~~	~~ORANGE~~	~~0.04~~
~~19~~	~~PH~~	~~B M 1~~	~~DOOR~~	~~METAL~~	~~BEIGE~~	~~0.08~~
~~20~~	~~PH~~	~~B M 1~~	~~DOOR~~	~~METAL~~	~~BEIGE~~	~~0~~
~~21~~	~~PH~~	~~B M 1~~	~~DOOR~~	~~METAL~~	~~LIGHT GRAY~~	~~0.02~~
~~22~~	~~PH~~	~~B M 1~~	~~SM ELECTRICAL PANEL~~	~~METAL~~	~~LIGHT GRAY~~	~~0.01~~
~~23~~	~~PH~~	~~B M 1~~	~~WALL~~	~~WOOD~~	~~GREEN~~	~~0.71~~
~~24~~	~~PH~~	~~B M 2~~	~~ELECTRICAL MOTOR~~	~~METAL~~	~~RED~~	~~0.37~~
25	PH	B H 2	WALL	DRYWALL	PINK	0
26	PH	B H 2	DOOR FRAME	METAL	PINK	0
27	PH	B 8	DOOR	METAL	PINK	0.04
28	PH	B 8	WALL	CONCRETE	WHITE	0
29	PH	B 8	DOOR	METAL	WHITE	0
30	PH	B 8A	DOOR	WOOD	WHITE	0.11
31	PH	B 8A	DOOR	WOOD	BEIGE	0.05
32	PH	B 8A	WALL	WOOD	BLUE	0
33	PH	B 8A	WALL	WOOD	RED	0
34	PH	B 8A	WALL	WOOD	LIGHT BLUE	0
35	PH	B M 4	DOOR	METAL	PINK	0.07
36	PH	B M 4	BOILER	METAL	PINK	0
37	PH	B M 4	BOILER	METAL	RED	0.01
38	PH	B M 4	BOILER	METAL	RED	0

TABLE 3 XRF SAMPLING SUMMARY OF PAINTED COMPONENTS AND MATERIALS FORMER POLARIS HOTEL (PH)						
Read. #	**Building**	**Room**	**Component**	**Substrate**	**Color**	**Lead Conc. (mg/cm²)**
39	PH	B M 4	BOILER	METAL	RED	0.01
40	PH	**B M 4**	**METAL COLUMN**	**METAL**	**ORANGE**	**5**
41	PH	B H 3	DOOR	METAL	LIGHT BLUE	0.07
42	PH	B H 3	WALL	CONCRETE	WHITE	0.28
43	PH	B H 3	DOOR	METAL	PINK	0.08
44	PH	B H 3	DOOR FRAME	METAL	LIGHT GREEN	0.04
45	PH	B H 3	WALL	CONCRETE	ORANGE	0.07
46	PH	B 9	DOOR	METAL	GREEN	0.12
47	PH	B 9A	WALL	DRYWALL	PINK	0
48	PH	B 9A	HVAC DUCTING	METAL	GREEN	0.03
49	PH	B 9A	CEILING	DRYWALL	GREEN	0
50	PH	B 9B	WALL	DRYWALL	WHITE	0
51	PH	B 9B	SHOWER FRAME	METAL	WHITE	0
52	PH	B 10	WALL	CONCRETE	LIGHT GREEN	0
53	PH	B 10A	CEILING	DRYWALL	WHITE	0
54	PH	B 10B	FLOOR	BRICK	RED	0
55	PH	B 11A	SM ELECTRICAL PANEL	WOOD	BLUE	0.03
56	PH	B 12	DOOR	METAL	PINK	0.01
57	PH	B 12	DOOR FRAME	METAL	PINK	0.09
58	PH	**B 12**	**DOOR**	**METAL**	**OFF WHITE**	**5**
59	PH	B 12	DOOR FRAME	METAL	OFF WHITE	0.06
60	PH	B 12	WALL	CONCRETE	OFF WHITE	0.38
61	PH	B 12	WALL	CONCRETE	OFF WHITE	0
62	PH	B 12	WASHER/DRYER	METAL	LIGHT BLUE	0
63	PH	B 12	WASHER/DRYER	METAL	ORANGE	0.15
64	PH	B 12	WASHER/DRYER	METAL	RED	0
65	PH	B 12	WALL	WOOD	TAN	0
66	PH	B E 2	LG ELECTRICAL PANEL	METAL	GRAY	0.02
67	PH	B E 2	SM ELECTRICAL PANEL	METAL	GRAY	0.04
68	PH	B 12	FLOOR	CONCRETE	TAN	0
69	PH	B 12	WALL	CMU BRICK	WHITE	0.07
~~70~~	~~PH~~	~~NIST CHECK~~	~~NIST CHECK~~	~~NIST CHECK~~	~~RED~~	~~0.98~~
~~71~~	~~PH~~	~~NIST CHECK~~	~~NIST CHECK~~	~~NIST CHECK~~	~~RED~~	~~1.01~~
~~72~~	~~PH~~	~~NIST CHECK~~	~~NIST CHECK~~	~~NIST CHECK~~	~~RED~~	~~0.98~~

TABLE 3 XRF SAMPLING SUMMARY OF PAINTED COMPONENTS AND MATERIALS FORMER POLARIS HOTEL (PH)						
Read. #	**Building**	**Room**	**Component**	**Substrate**	**Color**	**Lead Conc. (mg/cm²)**
~~73~~	~~PH~~	~~NIST CHECK~~	~~NIST CHECK~~	~~NIST CHECK~~	~~NIST CHECK~~	~~0.99~~
~~74~~	~~PH~~	~~CAL CHECK~~	~~CAL CHECK~~	~~CAL CHECK~~	~~CAL CHECK~~	~~CAL CHECK~~
~~75~~	~~PH~~	~~NIST CHECK~~	~~NIST CHECK~~	~~NIST CHECK~~	~~RED~~	~~1.02~~
~~76~~	~~PH~~	~~NIST CHECK~~	~~NIST CHECK~~	~~NIST CHECK~~	~~RED~~	~~1.03~~
~~77~~	~~PH~~	~~NIST CHECK~~	~~NIST CHECK~~	~~NIST CHECK~~	~~RED~~	~~1.01~~
~~78~~	~~PH~~	~~NIST CHECK~~	~~NIST CHECK~~	~~NIST CHECK~~	~~NIST CHECK~~	~~1.02~~
79	PH	EXTERIOR	EXTERIOR WALL	CONCRETE	OFF WHITE	0.29
80	PH	**EXTERIOR**	**WINDOW FRAME**	**WOOD**	**OFF WHITE**	**5**
81	PH	**EXTERIOR**	**SOFFIT**	**CONCRETE**	**GREEN**	**1.13**
82	PH	EXTERIOR	DOOR FRAME	WOOD	OFF WHITE	0
83	PH	EXTERIOR	SOFFIT UNDERHANG	WOOD	BEIGE	0
84	PH	EXTERIOR	SOFFIT TRIM	METAL	GRAY	0
85	PH	EXTERIOR	FACIA	METAL	BEIGE	0
86	PH	EXTERIOR	EXTERIOR WALL	BRICK	BROWN	0.01
87	PH	EXTERIOR	SOFFIT UNDERHANG	CONCRETE	YELLOW	0.59
88	PH	EXTERIOR	DOOR OVERHANG	WOOD	WHITE	0.01
89	PH	EXTERIOR	DOOR OVERHANG	WOOD	BLACK	0
90	PH	EXTERIOR	WINDOW FRAME	WOOD	GREEN	0
91	PH	EXTERIOR	GROUND VENT PIPE	METAL	GREEN	0
~~92~~	~~PH~~	~~NIST CHECK~~	~~NIST CHECK~~	~~NIST CHECK~~	~~RED~~	~~1.02~~
~~93~~	~~PH~~	~~NIST CHECK~~	~~NIST CHECK~~	~~NIST CHECK~~	~~RED~~	~~1.03~~
~~94~~	~~PH~~	~~NIST CHECK~~	~~NIST CHECK~~	~~NIST CHECK~~	~~RED~~	~~1.03~~
~~95~~	~~PH~~	~~NIST CHECK~~	~~NIST CHECK~~	~~NIST CHECK~~	~~NIST CHECK~~	~~1.03~~
~~96~~	~~PH~~	~~CAL CHECK~~	~~CAL CHECK~~	~~CAL CHECK~~	~~CAL CHECK~~	~~CAL CHECK~~
~~97~~	~~PH~~	~~NIST CHECK~~	~~NIST CHECK~~	~~NIST CHECK~~	~~RED~~	~~1~~
~~98~~	~~PH~~	~~NIST CHECK~~	~~NIST CHECK~~	~~NIST CHECK~~	~~RED~~	~~0.97~~
~~99~~	~~PH~~	~~NIST CHECK~~	~~NIST CHECK~~	~~NIST CHECK~~	~~RED~~	~~0.98~~
~~100~~	~~PH~~	~~NIST CHECK~~	~~NIST CHECK~~	~~NIST CHECK~~	~~NIST CHECK~~	~~0.98~~
~~101~~	~~PH~~	~~SUITE A BATHROOM~~	~~WALL~~	~~DRYWALL~~	~~WHITE~~	~~0~~
~~102~~	~~PH~~	~~SUITE A BATHROOM~~	~~WINDOW TRIM~~	~~WOOD~~	~~WHITE~~	~~0~~
~~103~~	~~PH~~	~~SUITE A BATHROOM~~	~~WINDOW FRAME~~	~~WOOD~~	~~WHITE~~	~~0~~
~~104~~	~~PH~~	~~SUITE A~~	~~BASEBOARD HEATER~~	~~METAL~~	~~WHITE~~	~~0~~

TABLE 3 XRF SAMPLING SUMMARY OF PAINTED COMPONENTS AND MATERIALS FORMER POLARIS HOTEL (PH)						
Read. #	**Building**	**Room**	**Component**	**Substrate**	**Color**	**Lead Conc. (mg/cm²)**
105	PH	SUITE A	DRAIN PIPE	METAL	WHITE	0
106	PH	**SUITE A**	**DOOR FRAME**	**METAL**	**RED**	**1.2**
107	PH	**SUITE A**	**DOOR FRAME**	**METAL**	**BROWN**	**3.82**
108	PH	SUITE A	DOOR FRAME	METAL	LIGHT GRAY	0
109	PH	SUITE A OFFICE	WINDOW SILL	WOOD	WHITE	0
110	PH	SUITE A OFFICE	WALL	FIBER BOARD	OFF WHITE	0.14
111	PH	SUITE A BATHROOM	DOOR FRAME	METAL	WHITE	0
112	PH	SUITE A BATHROOM	FLOOR	CERAMIC	LIGHT BROWN	0
113	PH	**SUITE A BATHROOM**	**WALL**	**CERAMIC**	**BEIGE**	**5**
114	PH	CENTRAL HALL	WALL	DRYWALL	OFF WHITE	0
115	PH	**POLARIS LOUNGE**	**DOOR FRAME**	**METAL**	**BROWN**	**3.4**
116	PH	POLARIS LOUNGE	DOOR FRAME	METAL	BROWN	0.01
117	PH	POLARIS LOUNGE M RR	FLOOR	CERAMIC	LIGHT BROWN	0
118	PH	POLARIS LOUNGE W RR	DOOR FRAME	METAL	BLACK	0.01
119	PH	POLARIS LOUNGE W RR	FLOOR	CERAMIC	LIGHT BROWN	0
120	PH	**POLARIS LOUNGE W RR**	**WALL**	**CERAMIC**	**OFF WHITE**	**5**
121	PH	POLARIS LOUNGE	WALL	MORTAR	GRAY	0.01
122	PH	POLARIS LOUNGE	WALL	WOOD	BLACK	0
123	PH	POLARIS LOUNGE	FLOOR	CONCRETE	BLACK	0
124	PH	**CENTRAL HALL**	**DOOR FRAME**	**METAL**	**BROWN**	**4**
125	PH	DINING ROOM	SM ELECTRICAL PANEL	METAL	BROWN	0
126	PH	DINING ROOM	DOOR	WOOD	BROWN	0
127	PH	DINING ROOM	DOOR FRAME	WOOD	BROWN	0
128	PH	DINING ROOM	WINDOW TRIM	WOOD	BROWN	0
129	PH	DINING ROOM	STEEL COLUMN	METAL	RED	0.39
130	PH	DINING ROOM	DOOR FRAME	METAL	BLUE	0
131	PH	DINING ROOM	DOOR	METAL	BLUE	0.01
132	PH	KITCHEN	FLOOR	CONCRETE	GRAY	0
133	PH	KITCHEN	WALL	DRYWALL	DARK GREEN	0
134	PH	KITCHEN	COLUMN	CONCRETE	OFF WHITE	0.77
135	PH	KITCHEN	SM ELECTRICAL PANEL	METAL	RED	0.33

TABLE 3 XRF SAMPLING SUMMARY OF PAINTED COMPONENTS AND MATERIALS FORMER POLARIS HOTEL (PH)						
Read. #	**Building**	**Room**	**Component**	**Substrate**	**Color**	**Lead Conc. (mg/cm^2)**
136	PH	KITCHEN	WALL	DRYWALL	OFF WHITE	0.01
137	PH	KITCHEN	DOOR	WOOD	OFF WHITE	0
138	PH	KITCHEN	SM ELECTRICAL PANEL	METAL	OFF WHITE	0.01
139	PH	KITCHEN	DOOR FRAME	METAL	OFF WHITE	0
140	PH	KITCHEN	DOOR FRAME	METAL	BEIGE	0
141	PH	KITCHEN	WALL	DRYWALL	OFF WHITE	0
142	PH	BAR	WALL	DRYWALL	OFF WHITE	0
143	PH	BAR	SOFFIT	WOOD	WHITE	0.08
144	PH	BAR	COLUMN	CONCRETE	RED	0.05
145	PH	BAR	COLUMN	CONCRETE	OFF WHITE	0.01
146	PH	MAIN LOBBY	WALL	DRYWALL	LIGHT BLUE	0.43
147	PH	MAIN LOBBY	ELEVATOR DOOR	METAL	GOLD	0.01
148	PH	MAIN LOBBY	ELEVATOR DOOR FRAME	METAL	GOLD	0.01
149	PH	MAIN LOBBY	DOOR FRAME	METAL	BLACK	0.13
150	PH	MAIN LOBBY	SPRINKLER PIPE	METAL	BLUE	0
151	PH	MAIN LOBBY	WALL	DRYWALL	BLUE	0.44
152	PH	RESTAURANT	WALL	DRYWALL	WHITE	0
153	PH	RESTAURANT	WALL	DRYWALL	BLACK	0
154	PH	RESTAURANT	WALL	CMU BRICK	WHITE	0.07
155	PH	RESTAURANT	WALL	CMU BRICK	RED	0.07
156	PH	RESTAURANT	WALL	CONCRETE	OFF WHITE	0.01
157	PH	RESTAURANT	DOOR	METAL	OFF WHITE	0.02
158	PH	MAIN LOBBY	DOOR FRAME	WOOD	DARK GREEN	0
159	PH	MAIN LOBBY	DOOR	METAL	DARK GREEN	0
160	PH	MAIN LOBBY	DOOR	WOOD	LIGHT GRAY	0
161	PH	LOBBY OFFICE	WALL	DRYWALL	WHITE	0
162	PH	STORE	WINDOW SILL	WOOD	WHITE	0
163	PH	STORE	WINDOW FRAME	WOOD	WHITE	0
164	PH	STORE	WALL	CONCRETE	LIGHT GRAY	0.72
165	PH	STORE	COLUMN	CONCRETE	LIGHT GRAY	0.58
166	PH	STORE	SPRINKLER PIPE	METAL	WHITE	0
167	PH	STORE	DOOR FRAME	WOOD	WHITE	0
168	PH	STORE	SOFFIT	WOOD	WHITE	0
169	PH	STORE	COUNTER TOP	WOOD	WHITE	0

TABLE 3 XRF SAMPLING SUMMARY OF PAINTED COMPONENTS AND MATERIALS FORMER POLARIS HOTEL (PH)						
Read. #	**Building**	**Room**	**Component**	**Substrate**	**Color**	**Lead Conc. (mg/cm²)**
~~170~~	~~PH~~	~~SUITE A~~	~~LG CEILING BEAM~~	~~METAL~~	~~RED~~	~~1.05~~
~~171~~	~~PH~~	~~SUITE A~~	~~SM CEILING BEAM~~	~~METAL~~	~~BROWN~~	~~0.09~~
~~172~~	~~PH~~	~~NIST CHECK~~	~~NIST CHECK~~	~~NIST CHECK~~	~~RED~~	~~0.98~~
~~173~~	~~PH~~	~~NIST CHECK~~	~~NIST CHECK~~	~~NIST CHECK~~	~~RED~~	~~0.98~~
~~174~~	~~PH~~	~~NIST CHECK~~	~~NIST CHECK~~	~~NIST CHECK~~	~~RED~~	~~1.01~~
~~175~~	~~PH~~	~~NIST CHECK~~	~~NIST CHECK~~	~~NIST CHECK~~	~~N/A~~	~~0.99~~
~~176~~	~~PH~~	~~CAL CHECK~~	~~CAL CHECK~~	~~CAL CHECK~~	~~CAL CHECK~~	~~N/A~~
~~177~~	~~PH~~	~~NIST CHECK~~	~~NIST CHECK~~	~~NIST CHECK~~	~~RED~~	~~1.01~~
~~178~~	~~PH~~	~~NIST CHECK~~	~~NIST CHECK~~	~~NIST CHECK~~	~~RED~~	~~1~~
~~179~~	~~PH~~	~~NIST CHECK~~	~~NIST CHECK~~	~~NIST CHECK~~	~~RED~~	~~1.03~~
~~180~~	~~PH~~	~~NIST CHECK~~	~~NIST CHECK~~	~~NIST CHECK~~	~~NIST CHECK~~	~~1.01~~
~~181~~	~~PH~~	~~CAL CHECK~~	~~CAL CHECK~~	~~CAL CHECK~~	~~CAL CHECK~~	~~N/A~~
~~182~~	~~PH~~	~~NIST CHECK~~	~~NIST CHECK~~	~~NIST CHECK~~	~~RED~~	~~0.99~~
~~183~~	~~PH~~	~~NIST CHECK~~	~~NIST CHECK~~	~~NIST CHECK~~	~~RED~~	~~1~~
~~184~~	~~PH~~	~~NIST CHECK~~	~~NIST CHECK~~	~~NIST CHECK~~	~~RED~~	~~1.01~~
~~185~~	~~PH~~	~~NIST CHECK~~	~~NIST CHECK~~	~~NIST CHECK~~	~~NIST CHECK~~	~~1~~
186	PH	101	WALL	METAL	OFF WHITE	0
187	PH	101	DOOR TRIM	WOOD	OFF WHITE	0
188	PH	101	DOOR FRAME	WOOD	OFF WHITE	0
189	PH	101	DOOR	METAL	WHITE	0.01
190	PH	101	SPRINKLER PIPE	METAL	WHITE	0
191	PH	101	SPRINKLER PIPE	METAL	WHITE	0
192	PH	102	BASEBOARD HEATER	METAL	OFF WHITE	0.67
193	PH	102	BASEBOARD HEATER	METAL	OFF WHITE	0.15
194	PH	102	WINDOW SILL	WOOD	OFF WHITE	0.43
195	PH	102	WINDOW FRAME	WOOD	OFF WHITE	0.03
196	PH	102	SOFFIT	WOOD	OFF WHITE	0
197	PH	102	ELEVATOR DOOR	METAL	OFF WHITE	0.07
198	PH	102	ELEVATOR DOOR FRAME	METAL	OFF WHITE	0.01
199	PH	103	DOOR	METAL	OFF WHITE	0.14
200	PH	103	DOOR FRAME	METAL	OFF WHITE	0.1
~~201~~	~~PH~~	~~CAL CHECK~~	~~CAL CHECK~~	~~CAL CHECK~~	~~CAL CHECK~~	~~N/A~~
202	PH	105	CEILING	CONCRETE	OFF WHITE	0
203	PH	105	WALL	DRYWALL	OFF WHITE	0

TABLE 3 XRF SAMPLING SUMMARY OF PAINTED COMPONENTS AND MATERIALS FORMER POLARIS HOTEL (PH)						
Read. #	**Building**	**Room**	**Component**	**Substrate**	**Color**	**Lead Conc. (mg/cm^2)**
204	PH	105	COLUMN	CONCRETE	OFF WHITE	0
205	PH	107	WALL	PLASTER	OFF WHITE	0
206	PH	2ND FLOOR HALLWAY	CEILING	METAL	OFF WHITE	0
207	PH	2ND FLOOR HALLWAY	CEILING	CONCRETE	OFF WHITE	0
208	PH	2ND FLOOR HALLWAY	WALL	PLASTER	OFF WHITE	0
209	PH	2ND FLOOR HALLWAY	SPRINKLER PIPE	METAL	OFF WHITE	0
210	PH	2ND FLOOR HALLWAY	LG ELECTRICAL PANEL	METAL	GRAY	0.01
211	PH	2ND FLOOR HALLWAY	DOOR	WOOD	OFF WHITE	0.03
212	PH	EAST STAIRS	DOOR	METAL	OFF WHITE	0.03
213	PH	EAST STAIRS	DOOR	METAL	BLACK	0.04
214	PH	213	DOOR	METAL	OFF WHITE	0.01
215	PH	213	WALL	PLASTER	OFF WHITE	0
216	PH	213	COLUMN	CONCRETE	OFF WHITE	0
217	PH	3RD FLOOR HALLWAY	CEILING	CONCRETE	OFF WHITE	0
218	PH	3RD FLOOR HALLWAY	WALL	PLASTER	OFF WHITE	0
219	PH	3RD FLOOR HALLWAY	LG ELECTRICAL PANEL	METAL	DARK GRAY	0.01
220	PH	3RD FLOOR HALLWAY	ELECTRICAL PIPING	METAL	OFF WHITE	0.45
221	PH	214	DOOR	METAL	PINK	0.01
222	PH	3RD FLOOR HALLWAY	CEILING	METAL	OFF WHITE	0
223	PH	3RD FLOOR HALLWAY	SPRINKLER PIPE	METAL	OFF WHITE	0
224	PH	210	DOOR TRIM	METAL	PINK	0.06
225	PH	210	DOOR FRAME	METAL	PINK	0.19
226	PH	210	CEILING	DRYWALL	OFF WHITE	0
227	PH	207	WINDOW SILL	WOOD	OFF WHITE	0.01
228	PH	207	WINDOW FRAME	WOOD	OFF WHITE	0.07
229	PH	207	BASEBOARD HEATER	METAL	OFF WHITE	0
230	PH	3RD FLOOR HALLWAY	ELEVATOR DOOR	METAL	PINK	0.06
231	PH	3RD FLOOR HALLWAY	WALL	CONCRETE	BROWN	0

TABLE 3 XRF SAMPLING SUMMARY OF PAINTED COMPONENTS AND MATERIALS FORMER POLARIS HOTEL (PH)						
Read. #	**Building**	**Room**	**Component**	**Substrate**	**Color**	**Lead Conc. (mg/cm²)**
232	PH	201	CEILING	CONCRETE	OFF WHITE	0
233	PH	WEST STAIRS	SPRINKLER PIPE	METAL	RED	0.01
~~234~~	~~PH~~	~~CAL CHECK~~	~~CAL CHECK~~	~~CAL CHECK~~	~~CAL CHECK~~	~~N/A~~
~~235~~	~~PH~~	~~NIST CHECK~~	~~NIST CHECK~~	~~NIST CHECK~~	~~RED~~	~~0.99~~
~~236~~	~~PH~~	~~NIST CHECK~~	~~NIST CHECK~~	~~NIST CHECK~~	~~RED~~	~~1.01~~
~~237~~	~~PH~~	~~NIST CHECK~~	~~NIST CHECK~~	~~NIST CHECK~~	~~RED~~	~~1.02~~
~~238~~	~~PH~~	~~NIST CHECK~~	~~NIST CHECK~~	~~NIST CHECK~~	~~N/A~~	~~1~~
239	PH	301	WALL	PLASTER	OFF WHITE	0
240	PH	301	WALL	PLASTER	OFF WHITE	0
241	PH	301	DOOR	METAL	PINK	0.03
242	PH	301	DOOR TRIM	METAL	OFF WHITE	0
243	PH	302	DOOR FRAME	METAL	OFF WHITE	0
244	PH	302	WALL	DRYWALL	OFF WHITE	0
245	PH	**4TH FLOOR HALLWAY**	**SPRINKLER PIPE**	**METAL**	**OFF WHITE**	**1.25**
246	PH	4TH FLOOR HALLWAY	ELEVATOR DOOR	METAL	PINK	0.02
247	PH	4TH FLOOR HALLWAY	ELEVATOR DOOR FRAME	METAL	PINK	0.05
248	PH	306	RADIATOR	METAL	OFF WHITE	0.11
249	PH	306	CEILING	CONCRETE	OFF WHITE	0
250	PH	307	WALL	WOOD	OFF WHITE	0
251	PH	309	WALL	WOOD	OFF WHITE	0.2
252	PH	4TH FLOOR HALLWAY	CEILING	CONCRETE	OFF WHITE	0
253	PH	312	SM ELECTRICAL PANEL	METAL	OFF WHITE	0.01
254	PH	313	SPRINKLER PIPE	METAL	OFF WHITE	0
255	PH	313	WALL	PLASTER	OFF WHITE	0
256	PH	314	WINDOW SILL	DRYWALL	OFF WHITE	0.01
257	PH	314	DOOR	WOOD	OFF WHITE	0
258	PH	4TH FLOOR HALLWAY	LG ELECTRICAL PANEL	METAL	GRAY	0.01
259	PH	4TH FLOOR HALLWAY	WALL	CONCRETE	OFF WHITE	0
260	PH	415	WALL	WOOD	OFF WHITE	0
261	PH	415	DOOR	WOOD	OFF WHITE	0.09
262	PH	415	DOOR TRIM	METAL	PINK	0.07
263	PH	412	WALL	PLASTER	PINK	0

TABLE 3 XRF SAMPLING SUMMARY OF PAINTED COMPONENTS AND MATERIALS FORMER POLARIS HOTEL (PH)						
Read. #	**Building**	**Room**	**Component**	**Substrate**	**Color**	**Lead Conc. (mg/cm²)**
264	PH	412	RADIATOR	METAL	OFF WHITE	0.09
265	PH	411	DOOR	METAL	PINK	0.03
266	PH	411	DOOR FRAME	METAL	PINK	0.06
267	PH	5TH FLOOR HALLWAY	CEILING	CONCRETE	OFF WHITE	0
268	PH	5TH FLOOR HALLWAY	SPRINKLER PIPE	METAL	OFF WHITE	0
269	PH	5TH FLOOR HALLWAY	FIRE EXTINGUISHER BO	METAL	OFF WHITE	0
270	PH	5TH FLOOR HALLWAY	WALL	PLASTER	OFF WHITE	0.06
271	PH	5TH FLOOR HALLWAY	ELEVATOR DOOR	METAL	PINK	0.1
272	PH	404	WALL	CERAMIC	BROWN	0
273	PH	404	WALL	CERAMIC	LIGHT BROWN	0.02
274	PH	401	WINDOW SILL	WOOD	OFF WHITE	0
275	PH	401	WALL	PLASTER	OFF WHITE	0
276	PH	WEST STAIRS	DOOR	METAL	BLACK	0.04
277	PH	WEST STAIRS	HAND RAIL	METAL	BLACK	0.74
278	PH	WEST STAIRS	WALL	CONCRETE	BLACK	0.13
279	PH	WEST STAIRS	WALL	CONCRETE	WHITE	0.41
280	PH	501	WALL	WOOD	BEIGE	0
281	PH	501	DOOR	METAL	OFF WHITE	0.01
282	PH	504	RADIATOR	METAL	OFF WHITE	0
283	PH	504	WALL	PLASTER	OFF WHITE	0
284	PH	507	SPRINKLER PIPE	METAL	OFF WHITE	0
285	PH	510	DOOR	WOOD	OFF WHITE	0.06
~~286~~	~~PH~~	~~NIST CHECK~~	~~NIST CHECK~~	~~NIST CHECK~~	~~NIST CHECK~~	~~NIST CHECK~~
287	PH	6TH FLOOR HALLWAY	CEILING	CONCRETE	OFF WHITE	0
288	PH	6TH FLOOR HALLWAY	WALL	PLASTER	OFF WHITE	0
289	PH	514	WINDOW SILL	WOOD	OFF WHITE	0
290	PH	**515**	**WALL**	**CERAMIC**	**TAN**	**5**
291	PH	**515**	**WALL**	**CERAMIC**	**BEIGE**	**5**
292	PH	**515**	**WALL**	**CERAMIC**	**YELLOW**	**5**
293	PH	614	WINDOW SILL	WOOD	OFF WHITE	0.11
294	PH	614	WINDOW FRAME	WOOD	OFF WHITE	0
295	PH	611	DOOR	METAL	OFF WHITE	0.18

TABLE 3
XRF SAMPLING
SUMMARY OF PAINTED COMPONENTS AND MATERIALS
FORMER POLARIS HOTEL (PH)

Read. #	Building	Room	Component	Substrate	Color	Lead Conc. (mg/cm^2)
296	PH	611	DOOR FRAME	METAL	OFF WHITE	0.34
297	PH	7TH FLOOR HALLWAY	WALL	PLASTER	WHITE	0
298	PH	7TH FLOOR HALLWAY	CEILING	CONCRETE	OFF WHITE	0
299	PH	604	SM ELECTRICAL PANEL	METAL	OFF WHITE	0
300	PH	7TH FLOOR HALLWAY	ELEVATOR DOOR	METAL	GOLD	0.01
301	PH	7TH FLOOR HALLWAY	ELEVATOR DOOR FRAME	METAL	GOLD	0.01
302	PH	601	RADIATOR	METAL	OFF WHITE	0
303	PH	702	WALL	PLASTER	OFF WHITE	0
304	PH	702	DOOR	METAL	WHITE	0.03
305	PH	8TH FLOOR HALLWAY	ELEVATOR DOOR	METAL	ORANGE	0.06
306	PH	8TH FLOOR HALLWAY	ELEVATOR DOOR FRAME	METAL	WHITE	0.01
307	PH	8TH FLOOR HALLWAY	FIRE EXTINGUISHER BO	METAL	RED	0
308	PH	704	DOOR	WOOD	WHITE	0.08
309	PH	705	DOOR	METAL	BLACK	0.03
310	PH	705	DOOR FRAME	METAL	WHITE	0.09
311	PH	708	WINDOW SILL	WOOD	OFF WHITE	0.22
312	PH	708	WINDOW FRAME	WOOD	OFF WHITE	0.2
313	PH	708	SM ELECTRICAL PANEL	METAL	BLACK	0.04
314	PH	714	SPRINKLER PIPE	METAL	WHITE	0
315	PH	8TH FLOOR HALLWAY	LG ELECTRICAL PANEL	METAL	GRAY	0.02
316	**PH**	**8TH FLOOR HALLWAY**	**SPRINKLER PIPE**	**METAL**	**WHITE**	**1.45**
317	PH	715	WALL	PLASTER	OFF WHITE	0
~~318~~	~~PH~~	~~NIST CHECK~~	~~NIST CHECK~~	~~NIST CHECK~~	~~NIST CHECK~~	~~NIST CHECK~~
319	PH	8TH FLOOR HALLWAY	WALL	CONCRETE	OFF WHITE	0
320	PH	8TH FLOOR HALLWAY	CEILING	CONCRETE	OFF WHITE	0
321	PH	813	WALL	PLASTER	OFF WHITE	0
322	PH	813	DOOR	METAL	BLACK	0.04
323	PH	813	DOOR FRAME	METAL	OFF WHITE	0.09
324	PH	810	RADIATOR	METAL	OFF WHITE	0.18

TABLE 3 XRF SAMPLING SUMMARY OF PAINTED COMPONENTS AND MATERIALS FORMER POLARIS HOTEL (PH)						
Read. #	**Building**	**Room**	**Component**	**Substrate**	**Color**	**Lead Conc. (mg/cm²)**
325	PH	810	CEILING	CONCRETE	OFF WHITE	0.06
326	PH	9TH FLOOR HALLWAY	WALL	PLASTER	LIGHT BLUE	0.02
327	PH	9TH FLOOR HALLWAY	SPRINKLER PIPE	METAL	WHITE	0
328	PH	9TH FLOOR HALLWAY	FIRE EXTINGUISHER BO	METAL	LIGHT GRAY	0
329	PH	804	DOOR	WOOD	OFF WHITE	0.19
330	PH	9TH FLOOR HALLWAY	WALL	CONCRETE	LIGHT BLUE	0.05
331	PH	9TH FLOOR HALLWAY	ELEVATOR DOOR	METAL	ORANGE	0.07
332	PH	9TH FLOOR HALLWAY	ELEVATOR DOOR	METAL	BLACK	0.06
333	PH	9TH FLOOR HALLWAY	ELEVATOR DOOR	METAL	OFF WHITE	0.04
334	PH	9TH FLOOR HALLWAY	ELEVATOR DOOR FRAME	METAL	GRAY	0.05
335	PH	**802**	**WALL**	**CERAMIC**	**PINK**	**5**
336	PH	**802**	**WALL**	**CERAMIC**	**TAN**	**5**
337	PH	**802**	**WALL**	**CERAMIC**	**LIGHT BLUE**	**5**
338	PH	**802**	**WALL**	**CERAMIC**	**WHITE**	**5**
339	PH	802	WALL	CERAMIC	LIGHT GRAY	0
340	PH	EAST STAIRS	FLOOR	CONCRETE	DARK BLUE	0.03
341	PH	EAST STAIRS	FLOOR	CONCRETE	BROWN	0.03
342	PH	902	RADIATOR	METAL	PINK	0.01
343	PH	902	WINDOW FRAME	WOOD	OFF WHITE	0.06
344	PH	10TH FLOOR HALLWAY	WALL	CONCRETE	LIGHT BLUE	0.36
345	PH	10TH FLOOR HALLWAY	ELEVATOR DOOR	METAL	OFF WHITE	0.06
346	PH	10TH FLOOR HALLWAY	FIRE EXTINGUISHER BO	METAL	WHITE	0
347	PH	**904**	**WALL**	**CERAMIC**	**BEIGE**	**5**
348	PH	**904**	**WALL**	**CERAMIC**	**PINK**	**5**
349	PH	**904**	**WALL**	**CERAMIC**	**WHITE**	**5**
350	PH	904	WALL	DRYWALL	BEIGE	0
351	PH	908	DOOR	METAL	BLACK	0.03
352	PH	908	DOOR FRAME	METAL	GRAY	0.09
353	PH	10TH FLOOR HALLWAY	SPRINKLER PIPE	METAL	WHITE	0

TABLE 3 XRF SAMPLING SUMMARY OF PAINTED COMPONENTS AND MATERIALS FORMER POLARIS HOTEL (PH)						
Read. #	**Building**	**Room**	**Component**	**Substrate**	**Color**	**Lead Conc. (mg/cm²)**
354	PH	10TH FLOOR HALLWAY	LG ELECTRICAL PANEL	METAL	GRAY	0.02
355	PH	914	CABINENTS	METAL	OFF WHITE	0.01
~~356~~	~~PH~~	~~CAL CHECK~~	~~CAL CHECK~~	~~CAL CHECK~~	~~CAL CHECK~~	~~N/A~~
357	PH	915	CABINENTS	METAL	LIGHT BROWN	5
358	PH	ELEVATOR LOBBY	ELEVATOR DOOR	METAL	GOLD	0.01
~~359~~	~~PH~~	~~CAL CHECK~~	~~CAL CHECK~~	~~CAL CHECK~~	~~CAL CHECK~~	~~N/A~~
360	PH	ELEVATOR LOBBY	WALL	CONCRETE	WHITE	0
361	PH	ELEVATOR LOBBY	SPRINKLER PIPE	METAL	WHITE	0.75
362	PH	CORRIDOR	WALL	PLASTER	LIGHT BLUE	0
363	PH	CORRIDOR	CEILING	CONCRETE	LIGHT BLUE	0
364	PH	RESTAURANT	WINDOW SILL	CONCRETE	LIGHT GRAY	0
365	PH	RESTAURANT	WINDOW FRAME	WOOD	LIGHT GRAY	0
366	PH	RESTAURANT	BASEBOARD HEATER	METAL	WHITE	0
367	PH	KITCHEN	FLOOR	BRICK	RED	0
368	PH	KITCHEN	WALL	PLASTER	WHITE	0
369	PH	KITCHEN	CEILING	CONCRETE	LIGHT GRAY	0
370	PH	KITCHEN	CEILING	CONCRETE	BEIGE	0
371	PH	KITCHEN	SM ELECTRICAL PANEL	METAL	OFF WHITE	0
372	PH	KITCHEN	FREEZER DOOR	METAL	OFF WHITE	0
373	PH	KITCHEN	FREZER WALL	METAL	OFF WHITE	0
374	PH	KITCHEN	ICE CHEST	METAL	TAN	0.01
375	PH	RESTAURANT	DOOR	METAL	GREEN	0.05
376	PH	RESTAURANT	DOOR FRAME	METAL	GREEN	0.11
377	PH	WOMENS BATHROOM	BATHROOM STALL DOORS	WOOD	BEIGE	0
378	PH	WOMENS BATHROOM	FLOOR	CERAMIC	RED	0
379	PH	MENS BATHROOM	FLOOR	CERAMIC	LIGHT BROWN	0.01
380	PH	MENS BATHROOM	BATHROOM STALL DOORS	WOOD	LIGHT GREEN	0
381	PH	EXTERIOR	DUCT INSULATION	METAL	TAN	0
382	PH	EXTERIOR	COLUMN	METAL	TAN	0.06
383	PH	EXTERIOR	WALL	CONCRETE	TAN	0.34
384	PH	EXTERIOR	DUCT INSULATION	METAL	LIGHT GRAY	0

TABLE 3 XRF SAMPLING SUMMARY OF PAINTED COMPONENTS AND MATERIALS FORMER POLARIS HOTEL (PH)						
Read. #	**Building**	**Room**	**Component**	**Substrate**	**Color**	**Lead Conc. (mg/cm²)**
385	PH	EXTERIOR	DOOR	WOOD	TAN	0.08
386	PH	AHU ROOM	WALL	CONCRETE	TAN	0.17
387	PH	EXTERIOR	FLASING	CONCRETE	TAN	0.27
388	PH	EXTERIOR	VENT PIPE	METAL	RED	5
389	PH	EXTERIOR NW CORNER	FAN UNIT	METAL	LIGHT GREEN	0
390	PH	EXTERIOR NW CORNER	WINDOW TRIM	WOOD	BEIGE	0.27
391	PH	AHU ROOM	AHU UNIT	METAL	GRAY	0.01
392	PH	ELEVATOR CONTRL ROOM	ELECTRICAL CONDUIT	METAL	LIGHT GRAY	0
393	PH	ELEVATOR CONTRL ROOM	HEATER	METAL	DARK GRAY	0.09
394	PH	ELEVATOR CONTRL ROOM	ELEV MOTOR BASE	METAL	BLACK	0.46
395	PH	**ELEVATOR CONTRL ROOM**	**ELEV MOTOR**	**METAL**	**GREEN**	**1.45**
396	PH	ELEVATOR CONTRL ROOM	LG ELECTRICAL PANEL	METAL	GRAY	0.02
397	PH	ELEVATOR CONTRL ROOM	ELEV CONTROL PANEL	METAL	BLACK	0.57
398	PH	ELEVATOR CONTRL ROOM	TRANSFORMER	METAL	BLACK	0.06
399	PH	ELEVATOR CONTRL ROOM	ELEV CONTROL PANEL	METAL	BLACK	0.37
400	PH	ELEVATOR CONTRL ROOM	ELECTRICAL CONDUIT	METAL	BLACK	0.01
401	PH	EXTERIOR NW CORNER	ELEV ROOM LADDER	METAL	BEIGE	0.01
402	PH	**EXTERIOR NW CORNER**	**ELEV ROOM LADDER**	**METAL**	**BEIGE**	**1.52**
403	PH	AHU ROOM	DOOR	METAL	GRAY	0.04
404	PH	AHU ROOM	DOOR FRAME	WOOD	LIGHT GREEN	0.02
405	PH	AHU ROOM	DOOR TRIM	WOOD	TAN	0.13
406	PH	AHU ROOM	AHU CONTROL PANEL	METAL	BROWN	0
407	PH	AHU ROOM	AHU CONTROL PANEL	METAL	LIGHT GREEN	0.02
408	PH	EXTERIOR	ANTENNA POLE	METAL	BEIGE	0.01
409	PH	EXTERIOR	AHU UNIT	METAL	LIGHT GREEN	0.01
410	PH	EXTERIOR	WOOD DECK	WOOD	LIGHT GREEN	0
411	PH	EXTERIOR	WOOD DECK RAIL	WOOD	BLACK	0
~~412~~	~~PH~~	~~CAL CHECK~~	~~CAL CHECK~~	~~CAL CHECK~~	~~CAL CHECK~~	~~N/A~~

TABLE 3 XRF SAMPLING SUMMARY OF PAINTED COMPONENTS AND MATERIALS FORMER POLARIS HOTEL (PH)						
Read. #	**Building**	**Room**	**Component**	**Substrate**	**Color**	**Lead Conc. (mg/cm^2)**
413	PH	EXTERIOR	ROOF PARAPET	CONCRETE	YELLOW	0.77
414	PH	EAST STAIRS	DOOR	METAL	LIGHT GRAY	0.02
~~415~~	~~PH~~	~~NIST CHECK~~	~~NIST CHECK~~	~~NIST CHECK~~	~~RED~~	~~1.06~~
~~416~~	~~PH~~	~~NIST CHECK~~	~~NIST CHECK~~	~~NIST CHECK~~	~~RED~~	~~1~~
~~417~~	~~PH~~	~~NIST CHECK~~	~~NIST CHECK~~	~~NIST CHECK~~	~~RED~~	~~1.01~~
~~418~~	~~PH~~	~~NIST CHECK~~	~~NIST CHECK~~	~~NIST CHECK~~	~~N/A~~	~~1.02~~

Key: N/A = not-applicable, **Cal =** Calibration**, NIST =** National Institute of Standards and Technology

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Attachment 7
EHSI Table 2 ACM Quantities

This attachment provides the descriptions, quantities, and general locations of asbestos containing materials present in Polaris Tower as compiled by EHSI and present in their 2017 report. ***NORTECH*** has reviewed this data and highlighted samples/materials that EHSI considered friable asbestos containing materials.

Since the 2017 assessment, continued degradation of the building due to environmental conditions has occurred. In addition to materials that were considered friable in 2017, previously non-friable materials may have been rendered friable due to this environmental deterioration. Conditions of all asbestos containing materials must be verified prior to demolition and properly documented in the demolition/abatement work plan.

Materials and locations with a red strikethrough pertain to asbestos samples/materials that were located in the Polaris Annex. The Polaris Annex has been demolished and these results are not considered relevant to the demolition of the Polaris Tower.

Highlight	Friable
No HL	Non-Friable
~~Red Line~~	Sample Location Not in Polaris Tower

TABLE 2
SUMMARY OF ASBESTOS-CONTAINING MATERIALS
FORMER POLARIS HOTEL (PH)

ASBESTOS MATERIAL DESCRIPTION	CON. (Condition)	TYPE (Friable vs. Non-Friable)	LOCATION	QUANTITY
2'x2' ACM white/off-white fibrous flex duct w/ silver paint (on AHUs) [20,112]	Fair	Friable	Basement ~~B4, BM1,~~ & BM5	7 EA
AHUs w/ ACM brown and/or black seam sealant/putty [22,41,44,111]	Fair	Non-Friable	Basement ~~4'x2'x4' AHU (B4 & BM1)~~ 3'x6'x6' AHU (~~BM2 &~~ BM5) ~~2.5'x5'x5' AHU (BM2)~~ 3'x8'x6' AHU (BM5) Roof 4'x2'x4' AHU (AHU Room	~~2 EA~~ 3 EA ~~1 EA~~ 1 EA 1 EA
~~**4"x6" ACM gray regulator gasket** (on piping to ceiling mounted heater) [49]~~	~~Fair~~	~~Non-Friable~~	Basement ~~BM3~~	~~1 EA~~
~~**ACM troweled on texturing skim coat** on non-ACM GWB wall on **ACM black mastic** on 1st layer of non-ACM green foam wall insulation **w/ACM black and/or greenish gray mastic/glue dots** on 2nd layer of non-ACM green foam wall insulation **w/ ACM black and/or greenish gray mastic/glue dots** on outer concrete walls [55,56,159]~~	~~Fair~~	~~Friable~~	~~Basement-Main Floor SW & SE Stairwells~~	~~1,400 SF~~
~~**ACM troweled on texturing skim coat** on inner concrete walls [155,156,157]~~	~~Fair~~	~~Friable~~	~~Basement-Main Floor SW & SE Stairwells~~	~~600 SF~~
7'x3.5' wood-framed windows w/ **ACM exterior brown, off-white/beige, gray, and/or light gray window frame caulking** w/ **ACM beige, gray, or white window glazing putty** [57,58,284,313,451,454,490]	Fair	Non-friable	Throughout Building	154 EA

Highlight	Friable
No HL	Non-Friable
~~Red Line~~	Sample Location Not in Polaris Tower

TABLE 2
SUMMARY OF ASBESTOS-CONTAINING MATERIALS
FORMER POLARIS HOTEL (PH)

ASBESTOS MATERIAL DESCRIPTION	CON. (Condition)	TYPE (Friable vs. Non-Friable)	LOCATION	QUANTITY
3.5'x3.5' wood-framed windows w/ **ACM exterior brown, off-white/ beige, gray, and/or light gray window frame caulking** w/ **ACM beige, gray, or white window glazing putty** [57,58,284,313,451,454,490]	Fair	Non-friable	Throughout Building	50 EA
Non-ACM beige SVF (w/ small broken rock pattern) w/ **ACM gray paper backing** w/ **ACM tan mastic** on red painted concrete floor [74]	Fair	Friable	Basement B9a	50 SF
ACM white mag TSI jacket (on 15'x6' dia. metal tank) w/ non-ACM cloth wrap [89,90,91]	Poor	Friable	Basement BM4	1 EA
ACM SB white mag TSI w/ non-ACM cloth wrap (on metal pipe runs and elbows) [92,93,94,517,519]	Poor	Friable	Basement BM4 & B10 & above ceiling in B10a and B10b 3rd Floor Rooms 202, 208, & 214 4th Floor Rooms 304, 306, 309, 311, 313, & 314 6th Floor Room 501 Bedroom	80 LF 45 LF 90 LF 15 LF
ACM LB white mag TSI w/ non-ACM cloth wrap (on metal pipe runs and elbows) [95,96,97,220,511]	Poor	Friable	Basement BM4	45 LF
ACM LB white mag TSI w/ non-ACM cloth wrap (on metal pipe runs and elbows) concealed in wet walls or above drop ceilings [95,96,97,220,511]	Poor	Friable	Main Lobby Wall Chase 10th Floor Above Drop Ceilings in Room 903 and Corridor	12 LF 40 LF
ACM SB gray corrugated cardboard TSI (on metal pipe runs) w/ **ACM hard mudded elbows** (on metal pipe elbows) [98,99,100,221,512, 514]	Poor	Friable	Basement B10, B11, & B11A 5th Floor Room 406	90 LF 30 LF

Highlight	Friable
No HL	Non-Friable
~~Red Line~~	Sample Location Not in Polaris Tower

TABLE 2
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FORMER POLARIS HOTEL (PH)

ASBESTOS MATERIAL DESCRIPTION	CON. (Condition)	TYPE (Friable vs. Non-Friable)	LOCATION	QUANTITY
ACM SB gray corrugated cardboard TSI (on metal pipe runs) w/ **ACM hard mudded elbows** (on metal pipe elbows) concealed in wet walls or above drop ceilings [98,99,100,221,512,514]	Poor	Friable	Main Floor Main Lobby Wall Chase & Main Lobby Restrooms Wet Wall Main Floor Above Drop Ceilings in Bar, & Main Lobby Restrooms 2nd Floor-10th Floor Toilet Wet Walls (175 LF/floor) 10th Floor Above Drop Ceilings Rooms 901, 903, 905, 906, 907, 908, 909, 910, 912, 914, & Corridor	80 LF 80 LF 1,575 LF 350 LF
ACM LB gray corrugated cardboard TSI (on metal pipe runs) w/ **ACM hard mudded elbow TSI** (on metal pipe elbows) concealed in wet walls [222,223,505,506]	Poor	Friable	Main Floor Main Lobby, Wall Chase 2nd Floor-10th Floor Vertical Wall Chase (24 LF/floor) Penthouse SW Section, Wall Chase	35 LF 216 LF 10 LF
ACM SB hard mudded elbow TSI w/ non-ACM cloth wrap (on metal pipe elbow with fiberglass TSI on runs) concealed in wet wall & above drop ceilings [224]	Poor	Friable	Main Floor Main Lobby Wall Chase, Central Corridor, Bar, SW Stairwell Wall Chase, and Restaurant	140 EA
ACM LB hard mudded elbow TSI w/ non-ACM cloth wrap (on metal pipe elbow with fiberglass TSI on runs) concealed above drop ceilings [224]	Poor	Friable	10th Floor Above Drop Ceilings in Room 904	4 EA
ACM SB hard mudded elbow TSI debris on carpet flooring [224]	Poor	Friable	Main Floor Central Corridor	40 SF
ACM Mag TSI debris and/or ACM corrugated cardboard TSI debris on carpet flooring [511,512]	Poor	Friable	10th Floor Room 903	100 SF

Highlight	Friable
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ASBESTOS MATERIAL DESCRIPTION	CON. (Condition)	TYPE (Friable vs. Non-Friable)	LOCATION	QUANTITY
ACM Mag TSI debris and/or **ACM corrugated cardboard TSI debris** on drop ceiling [511,512]	Poor	Friable	10th Floor Room 903 & 905	50 SF
10"-12" OD ACM brown or gray pipe flange gaskets [104,106]	Fair	Non-friable	Basement BM4	29 EA
8" OD ACM brown, white, off-white, gray or black pipe flange gaskets [104,105,106,107]	Fair	Non-friable	Basement BM4	30 EA
16" OD ACM white/off-white fibrous pipe flange gaskets [105]	Fair	Non-friable	Basement BM4	3 EA
Non-ACM carpet w/ non-ACM white/clear woven mesh backing w/ non-ACM yellow/tan mastic on **ACM black mastic** on concrete [134,138,142]	Fair	Non-Friable	Main Floor Bar, Restaurant, Main Lobby, Main Lobby Entry, Main Lobby Office, and Store	2,850 SF
12"x12" Red VAT (w/ brick/stone pattern) w/ **ACM black mastic** on non-ACM gray/tan leveling compound on concrete [136]	Fair	Non-Friable	Main Floor Restaurant Server Area	250 SF
Non-ACM carpet w/ non-ACM white/clear woven mesh backing w/ non-ACM yellow/tan mastic on **12"x12" Red VAT (w/ brick/stone pattern)** w/ **ACM black mastic** on non-ACM gray/tan leveling compound on concrete [136]	Fair	Non-Friable	Main Floor Restaurant	50 SF
Non-ACM off-white SVF (w/ 9" or 6" square pattern) w/ non-ACM hard white backing w/ non-ACM white, off-white, yellow, clear, or beige mastic on non-ACM 12"x12" beige, off-white, or tan VCT (various patterns) w/ non-ACM tan mastic on **ACM black mastic** on concrete [225,226,262,286,288,289]	Fair	Non-Friable	2nd Floor Toilet Rooms in Rooms 101, 102, 103, 104, 106, 108, 110, 111, & 112 3rd Floor Toilet Rooms in Rooms 203, 207, 208, and 213 4th Floor All Toilet Rooms	315 SF 140 SF 525 SF

Highlight	Friable
No HL	Non-Friable
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SUMMARY OF ASBESTOS-CONTAINING MATERIALS
FORMER POLARIS HOTEL (PH)

ASBESTOS MATERIAL DESCRIPTION	CON. (Condition)	TYPE (Friable vs. Non-Friable)	LOCATION	QUANTITY
Non-ACM off-white or yellow/tan SVF (w/ 6" square pattern or 9" decorative square pattern) w/ non-ACM hard white backing w/ non-ACM white, clear, beige, yellow, or tan mastic on **ACM black mastic** on concrete [226,308]	Fair	Non-Friable	2nd Floor Room 115 Toilet 3rd Floor – Toilet Rooms in Rooms 201, 202, & 206 5th Floor Toilet Rooms in Rooms 408 & 415 7th Floor Toilet Rooms in Rooms 601 & 603-615	35 SF 105 SF 70 SF 490 SF
Non-ACM off-white SVF (w/ 9" or 6" square pattern) w/ non-ACM hard white backing w/ non-ACM white, clear, beige or yellow mastic on non-ACM beige SVF (w/ 6" two-tone, 6" red & green accented, or 3" square pattern) w/ non-ACM brown or white paper backing w/ non-ACM tan mastic on **ACM black mastic** on concrete [227,228,229,264]	Fair	Non-Friable	2nd Floor Toilet Rooms in Rooms 105, 107, & 109 3rd Floor Toilet Rooms in Rooms 210 & 212	105 SF 70 SF
Non-ACM off-white SVF (w/ 6" or 9" square pattern) w/ non-ACM hard white backing w/ non-ACM white mastic (some w/ non-ACM white leveling compound) on non-ACM off-white SVF (w/ 6" square pattern w/ green & teal accents or two-toned) w/ non-ACM brown paper backing w/ non-ACM tan mastic on non-ACM 12"x12" off-white VCT w/ non-ACM tan mastic on **ACM black mastic** on concrete [263]	Fair	Non-Friable	3rd Floor Toilet Rooms in Rooms 204, 205, 209, 211, & 214	175 SF

Highlight	Friable
No HL	Non-Friable
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SUMMARY OF ASBESTOS-CONTAINING MATERIALS
FORMER POLARIS HOTEL (PH)

ASBESTOS MATERIAL DESCRIPTION	CON. (Condition)	TYPE (Friable vs. Non-Friable)	LOCATION	QUANTITY
Non-ACM off-white SVF (w/ 9" or 6" square pattern) w/ non-ACM hard white backing w/ non-ACM tan mastic on non-ACM beige SVF (w/ 3" square pattern) w/ **ACM brown paper backing w/ ACM mastic** on non-ACM 12"x12" off-white VCT w/ non-ACM tan mastic on **ACM black mastic** on concrete [231]	Fair	Friable	2nd Floor Room 113 Toilet	35 SF
Non-ACM off-white SVF (w/ 9" square pattern) w/ non-ACM hard white backing w/ non-ACM off-white/white mastic on non-ACM beige SVF (w/ wavy pattern) w/ **ACM brown paper backing** w/ **ACM mastic** on concrete [340]	Fair	Friable	6th Floor Room 502 Toilet	35 SF
Non-ACM beige SVF (w/ 6" two-tone square pattern) w/ non-ACM brown paper backing w/ non-ACM tan mastic on **ACM black mastic** on concrete [All samples with ACM black mastic]	Fair	Non-Friable	5th Floor Toilet Rooms in Rooms 401, 403, 406, 407, 411, & 413	210 SF
Non-ACM beige SVF (w/ 6" square pattern w/ cross lines) w/ non-ACM white paper backing w/ non-ACM yellow/tan mastic on non-ACM white leveling compound on **ACM black mastic** on concrete [All samples with ACM black mastic]	Fair	Non-Friable	8th Floor Toilet Rooms in Rooms 703, 704, 708, 709, 710, 712, 713, & 715	280 SF
Non-ACM beige SVF (w/ 6" two-tone square pattern) w/ non-ACM brown paper backing w/ non-ACM tan mastic on **9"x9" dark red VAT (w/ light red & white streaks)** w/ **ACM black mastic** on concrete [230]	Fair	Non-Friable	5th Floor Room 409 Toilet	35 SF

Highlight	Friable
No HL	Non-Friable
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ASBESTOS MATERIAL DESCRIPTION	CON. (Condition)	TYPE (Friable vs. Non-Friable)	LOCATION	QUANTITY
Non-ACM beige SVF (w/ 6" two-tone square pattern) w/ non-ACM brown paper backing w/ non-ACM tan mastic on non-ACM beige SVF (w/ 3" square pattern w/ small square outlines) w/ **ACM brown paper backing w/ ACM tan mastic** on **ACM black mastic** on concrete [306 (no 9"x9")]	Fair	Friable	5th Floor Room 412 Toilet	35 SF
Non-ACM beige or yellow/tan SVF (w/ 3" square pattern w/ small square outlines) w/ **ACM brown or beige paper backing w/ ACM tan mastic** on **9"x9" dark red VAT (w/ light red & white streaks)** w/ **ACM black mastic** on concrete [306]	Fair	Friable	5th Floor Toilet Rooms in Rooms 402 & 405 10th Floor Toilet Rooms in Rooms 901, 908, & 909	70 SF 105 SF
Non-ACM beige, yellow/orange, yellow/tan SVF (w/ 3" square pattern w/ small square outlines) w/ **ACM brown or beige paper backing** w/ **ACM tan mastic** on **ACM black mastic** on concrete [306,309]	Fair	Friable	5th Floor Toilet Rooms in Rooms 410 & 414 10th Floor Toilet Rooms in Rooms 902, 907, & 911	70 SF 105 SF
Non-ACM beige, yellow/orange, yellow/tan SVF (w/ 3" square pattern w/ small square outlines) w/ **ACM brown paper backing** w/ **ACM tan mastic** on concrete [306,309(no ACM black mastic)]	Fair	Friable	10th Floor Room 905 Toilet	35 SF

Highlight	Friable
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ASBESTOS MATERIAL DESCRIPTION	CON. (Condition)	TYPE (Friable vs. Non-Friable)	LOCATION	QUANTITY
Non-ACM off-white SVF (w/ 9" square pattern) w/ non-ACM hard white backing w/ non-ACM off-white/white mastic on non-ACM brown/beige or orange/tan SVF (w/ 7" square, 6" square & decorative, or 6" two-tone patterns) w/ non-ACM brown paper backing w/ non-ACM beige mastic on non-ACM 12"x12" beige VCT w/ non-ACM tan/yellow mastic on **ACM black mastic** on non-ACM brown leveling compound on concrete [All samples with ACM black mastic]	Fair	Non-Friable	6th Floor Toilet Rooms in Rooms 505-513, & 515	350 SF
Non-ACM off-white SVF (w/ 9" square pattern) w/ non-ACM hard white backing w/ non-ACM off-white/white mastic on non-ACM beige SVF (w/ wavy pattern) w/ **ACM brown paper backing** w/ **ACM mastic** on non-ACM 12"x12" beige VCT w/ non-ACM tan/yellow mastic on **ACM black mastic** on non-ACM brown leveling compound on concrete [340]	Fair	Friable	6th Floor Room 501 Toilet	35 SF
Non-ACM off-white SVF (w/ 9" square pattern) w/ non-ACM hard white backing w/ non-ACM off-white/white mastic on non-ACM on non-ACM beige or yellow/ orange SVF (w/ 3" square pattern w/ small square outlines) w/ **ACM brown paper backing w/ ACM tan mastic** on **ACM black mastic** on brown leveling compound on concrete [306,309]	Fair	Friable	6th Floor Room 514 Toilet	35 SF

Highlight	Friable
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ASBESTOS MATERIAL DESCRIPTION	CON. (Condition)	TYPE (Friable vs. Non-Friable)	LOCATION	QUANTITY
Non-ACM off-white SVF (w/ 9" square pattern) w/ non-ACM hard white backing w/ non-ACM off-white/white mastic on **ACM black mastic** on brown leveling compound on concrete [All samples with ACM black mastic]	Fair	Non-Friable	7th Floor Room 602 Toilet	35 SF
Non-ACM beige SVF (w/ 6" square pattern w/ cross lines or two tone pattern) w/ non-ACM white or brown paper backing w/ non-ACM yellow/tan mastic on non-ACM white leveling compound on **ACM black mastic** on brown leveling compound on concrete [All samples with ACM black mastic]	Fair	Non-Friable	8th Floor Toilet Rooms in Rooms 701, 711, & 714	105 SF
Non-ACM beige SVF (w/ 6" two-tone square pattern) w/ non-ACM white or brown paper backing w/ non-ACM yellow/tan mastic on **ACM black mastic** on brown leveling compound on concrete [All samples with ACM black mastic]	Fair	Non-Friable	10th Floor Room 908 Kitchenette	20 SF
Non-ACM yellow/tan or orange SVF (w/ 3" square pattern w/ small outlines or multiple sized square pattern) w/ **ACM gray/brown paper backing** w/ **ACM tan mastic** on **ACM black mastic** on non-ACM brown leveling compound on concrete [418]	Fair	Friable	9th Floor Room 801 Toilet & Room 815 Toilet 10th Floor Toilet Rooms in Rooms 913, 914, & 915	70 SF 105 SF

Highlight	Friable
No HL	Non-Friable
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FORMER POLARIS HOTEL (PH)

ASBESTOS MATERIAL DESCRIPTION	CON. (Condition)	TYPE (Friable vs. Non-Friable)	LOCATION	QUANTITY
Non-ACM yellow/tan or orange SVF (w/ 3" square pattern w/ small outlines, multiple sized square pattern, or sun-like pattern) w/ **ACM gray/brown or beige paper backing** w/ **ACM tan mastic** on **9"x9" dark red VAT (w/ light red & white streaks)** w/ **ACM black mastic** on non-ACM brown leveling compound on concrete [418,419]	Fair	Friable	9th Floor Toilet Rooms in Rooms 802-806 & 808-814	420 SF
3"x2' Hexagonal ceramic floor tiles w/ non-ACM gray grout w/ non-ACM tan mastic on **ACM black mastic** on concrete [307]	Fair	Non-Friable	5th Floor Room 404 Toilet Penthouse – Kitchen & Dish Wash	35 SF 700 SF
4" Pink, yellow, blue, and/or tan ceramic floor tiles w/ non-ACM beige grout w/ non-ACM tan mastic on **9"x9" dark red VAT (w/ light red & white streaks)** w/ **ACM black mastic** on concrete [383,420]	Fair	Non-Friable	8th Floor Room 707 Toilet 9th Floor Room 807 Toilet 10th Floor Room 910 Toilet & Room 912 Toilet	35 SF 35 SF 70 SF
2" Red or yellow ceramic floor tiles w/ non-ACM gray grout on **ACM black mastic** on concrete [All samples with ACM black mastic]	Fair	Non-Friable	Penthouse Women's & Men's Restroom	400 SF
9"x9" Dark red VAT (w/ light red & white streaks) w/ **ACM black mastic** on concrete [230]	Fair	Non-Friable	2nd Floor Electrical Closet	30 SF
9"x9" Dark red VAT (w/ light red & white streaks) w/ **ACM black mastic** on non-ACM brown leveling compound on concrete [230]	Fair	Non-Friable	10th Floor Room 903 Toilet & Room 906 Toilet Penthouse Storage Room	70 SF 50 SF

Highlight	Friable
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ASBESTOS MATERIAL DESCRIPTION	CON. (Condition)	TYPE (Friable vs. Non-Friable)	LOCATION	QUANTITY
Various colors of non-ACM carpet w/ non-ACM white mesh backing w/ non-ACM yellow/tan mastic on on **ACM black mastic** on concrete [232,233,265,446]	Fair	Non-Friable	2nd Floor Room 101, 101 Bedroom, Room 102, 102 Bedroom, Room 104 Bedroom, Room 106, Room 107, and Corridor 3rd Floor Throughout 5th Floor Throughout (except in Rooms 401, 401 Bedroom, 406, 411, & 413 6th Floor Rooms 501, 502, 502 Bedroom, 503, 503 Bedroom, 504, 504 Bedroom, 514, &514 Bedroom, and portions of Corridor 7th Floor Throughout (except Room 602 10th Floor Room 907	2,000 SF 5,600 SF 4,200 SF 1,500 SF 5,330 SF 340 SF
Various colors of non-ACM carpet w/ non-ACM white mesh backing w/ non-ACM yellow/tan mastic on non-ACM white leveling compound on **ACM black mastic** on concrete [287]	Fair	Non-Friable	4th Floor Throughout	5,600 SF
Various colors of non-ACM carpet w/ non-ACM white mesh backing w/ non-ACM yellow/tan mastic w/ non-ACM foam carpet pad on **9"x9" dark red VAT (w/ light red & white streaks) w/ ACM black mastic** on concrete [234]	Fair	Non-Friable	2nd Floor Rooms 103, 104, 105, 108, 109, 110, 111, 112, 113, 115, and 103 Bedroom 5th Floor Rooms 401, 401 Bedroom, 406, 411, & 413 10th Floor Rooms 902, 902 Bedroom, & Electrical Closet/Hall	3,600 SF 1,400 SF 450 SF

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Various colors of non-ACM carpet w/ non-ACM white mesh backing w/ non-ACM yellow/tan mastic on **ACM black mastic** on non-ACM brown leveling compound on concrete [385]	Fair	Non-Friable	6th Floor Rooms 501, 501 Bedroom, 505, 506, 508, 509, 510, 511, 512, 513, 515, & Corridor 8th Floor Rooms 701, 701 Bedroom, 703, 703 Bedroom, & 711 10th Floor Rooms 908, 909, 910, 911, 913, & 915	3,700 SF 850 SF 2,000 SF
Various colors of non-ACM carpet w/ non-ACM white mesh backing w/ non-ACM yellow/tan mastic on non-ACM thick white leveling compound on **ACM black mastic** on non-ACM brown leveling compound on concrete [477]	Fair	Non-Friable	6th Floor Room 507, & Sections or Rooms 509, 511, & 513 7th Floor Room 602 9th Floor Room 801 & 801 Bedroom Penthouse Corridor & Elevator Lobby	500 SF 270 SF 400 SF 450 SF
Various colors of non-ACM carpet w/ non-ACM white or tan mesh backing w/ non-ACM yellow/tan mastic some w/ non-ACM foam carpet pad material on **9"x9" dark red VAT (w/ light red & white streaks) w/ ACM black mastic** on brown leveling compound on concrete [386,387,443,447]	Fair	Non-Friable	6th Floor Electrical Closet 8th Floor Rooms 702, 702 Bedroom, 704, 704 Bedroom, & Corridor 9th Floor Rooms 803, 803 Bedroom, 804, 804 Bedroom, 805, 811, 815, & Corridor 10th Floor Rooms 903, 903 Bedroom, 904 Bedroom, 905, 914, 914 Bedroom, & Corridor	30 SF 1,300 SF 2,200 SF 1,750 SF

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Various colors of non-ACM carpet w/ non-ACM white mesh backing w/ non-ACM yellow/tan mastic on non-ACM white leveling compound on **9"x9" dark red VAT (w/ light red & white streaks) w/ ACM black mastic** on brown leveling compound on concrete [230]	Fair	Non-Friable	9th Floor Room 802 & 802 Bedroom	400 SF
Various colors on non-ACM carpet w/ non-ACM woven backings w/ non-ACM mastics w/ non-ACM foam backing/pads on various colors of non-ACM carpet w/ non-ACM woven backings w/ non-ACM mastics w/ non-ACM foam backing/pads w/ non-ACM mastic on **9"x9" dark red VAT (w/ light red & white streaks** w/ **ACM black mastic** on concrete [230]	Fair	Non-Friable	10th Floor Room 901 & 901 Bedroom	400 SF
Various colors on non-ACM carpet w/ non-ACM woven backings w/ non-ACM mastics w/ non-ACM foam backing/pads on various colors of non-ACM carpet w/ non-ACM woven backings w/ non-ACM mastics w/ non-ACM foam backing/pads w/ non-ACM mastic on **9"x9" dark red VAT (w/ light red & white streaks** w/ **ACM black mastic** on brown leveling compound on concrete [385/388,389]	Fair	Non-Friable	8th Floor Rooms 705-710, 712-715, & 714 Bedroom 9th Floor Rooms 806, 807, 808, 809, 810, 812, 813, 814, 814 Bedroom 10th Floor Rooms 904, 906, & 912	3,400 SF 2,800 SF 1,050 SF
12"x12" Beige VCT w/ non-ACM tan mastic on non-ACM white leveling compound on **ACM black mastic** on concrete [474]	Fair	Non-Friable	Penthouse Bar	300 SF
12"x12" Red or tan VCT **w/ ACM black mastic** on concrete [475,476]	Fair	Non-Friable	Penthouse Kitchen Storage & Fridge	400 SF

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ACM black glue dots (between wood wall framing and concrete walls) [174,429,466,487]	Fair	Non-friable	Main Floor Kitchen, Restaurant, Lobby Office, Store, Store Storage, & Main Lobby Restrooms 2nd Floor – 9th Floor Outer Walls (1,700 SF/floor) 10th Floor & Penthouse Outer Walls (2,500 SF/floor)	1,700 SF 13,600 SF 5,000 SF
Wood wall panels w/ **ACM gray, beige, and/or brown mastic** on non-ACM white plaster top coat on non-ACM gray plaster wall [345,346,365,428,457]	Fair	Non-Friable	5th Floor Rooms 401, 402, 404, 411, 413, 414, 414 Bedroom, 415, & All Kitchenette Areas 6th Floor Room 501, 502, & Kitchenette Areas in Rooms 501, 502, 503, 505-513, & 515 7th Floor Rooms 614 Bedroom, 615, & Kitchenette Areas Throughout 8th Floor Kitchenette Areas Throughout 9th Floor Kitchenette Areas Throughout & Rooms 805-807, 809-813, 814 Bedroom and 815 10th Floor Rooms 901-907, 909-913, 914 Bedroom, & 915	1,700 SF 1,000 SF 1,500 SF 1,200 SF 3,900 SF 2,000 SF

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ASBESTOS MATERIAL DESCRIPTION	CON. (Condition)	TYPE (Friable vs. Non-Friable)	LOCATION	QUANTITY
Non-ACM newer white/off-white texturing skim coat on **ACM remnant white popcorn ceiling texturing** on concrete ceiling [252,253,254,279,280]	Fair	Friable	2nd Floor – Rooms 103, 103 Bedroom, 105, & 112 3rd Floor – Rooms 210 & 212	1,030 SF 700 SF
ACM white popcorn ceiling texturing on concrete ceiling [255,256,257,281,282,283,303,304,305,329,330,331,358,438]	Poor	Friable	2nd Floor Throughout (except corridor & Rooms 103, 105, & 112) 3rd Floor Throughout (except rooms 210 & 212) 4th Floor – 9th Floor Throughout (except toilet rooms) (5,500 SF/floor)	4,000 SF 4,900 SF 22,000 SF
ACM white/tan smooth skim coat on concrete ceilings [302,327,328,502,503,504]	Poor	Friable	2nd Floor All Toilet Rooms (except 103, 105, & 112) 3rd Floor All Toilet Rooms (except 205) 4th Floor – 9th Floor All Toilet Rooms (525 SF/floor) Penthouse Throughout (except Kitchen, Freezer, & Fridge)	420 SF 490 SF 2,100 SF 4,800 SF
ACM white splotched-on texturing skim coat on concrete ceilings [377,378]	Poor	Friable	7th Floor Throughout (including Toilets)	6,000 SF
ACM white flattened texturing skim coat/remnant popcorn ceiling texturing [405,408]	Poor	Friable	8th Floor Throughout (including Toilets)	6,000 SF
ACM white popcorn ceiling texturing on non-ACM white plaster top coat on non-ACM gray plaster ceiling on metal lath [467,468,469]	Poor	Friable	10th Floor Throughout (except Rooms 908, 914, 914 Bedroom, & 915	4,500 SF

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Non-ACM white smooth skim coat on **remnant ACM white popcorn ceiling texturing** on non-ACM white plaster top coat on non-ACM gray plaster ceiling on metal lath [467,468,469]	Poor	Friable	10th Floor Rooms 908, 914, 914 Bedroom, 915, & all Toilet Rooms	1,500 SF
10"x15" Electrical panel with **ACM black internal components** [258]	Fair	Non-Friable Friable	2nd Floor – 10th Floor All Rooms (15 EA/floor) Penthouse Kitchen and N. Section of Restaurant	135 EA 3 EA
8"x10" Small electrical panel with **ACM black internal components** [540]	Fair	Non-Friable	Roof Elevator Machine Room	1 EA
Small stainless steel double sink w/ **ACM gray sink undercoat** w/ non-ACM brown & tan sink drain gaskets **w/ ACM tan putty** [488,489]	Fair	Non-Friable	Penthouse Kitchen Entry	1 EA
Stainless steel sinks w/ non-ACM brown & tan sink drain gaskets w/ **ACM tan putty** [489]	Fair	Non-Friable	Penthouse Dish Wash & Bar	9 EA
ACM beige putty/sealant on 2' long mounts to fan units in freezer and fridge [495]	Fair	Non-Friable	Penthouse Freezer & Fridge	4 EA
ACM 4"x8" green/gray motor gaskets on condensing units [497]	Fair	Non-Friable	Penthouse Kitchen Storage	8 EA
Non-ACM yellow/white foam duct insulation w/ **ACM tan glue dots** (on 1'x1' vertical metal air ducts) (each duct 8' tall) [521,522]	Fair	Non-Friable	Roof Throughout	18 EA
Non-ACM yellow/white foam duct insulation w/ **ACM tan glue dots** (on 2'x2' metal air ducts) [521,522]	Fair	Non-Friable	Roof Throughout	200 LF

Highlight	Friable
No HL	Non-Friable
~~Red Line~~	Sample Location Not in Polaris Tower

TABLE 2
SUMMARY OF ASBESTOS-CONTAINING MATERIALS
FORMER POLARIS HOTEL (PH)

ASBESTOS MATERIAL DESCRIPTION	CON. (Condition)	TYPE (Friable vs. Non-Friable)	LOCATION	QUANTITY
Newer non-ACM black asphaltic tar on non-ACM yellow foam sealant on **ACM black asphaltic tar** (at wall-roof connections [525]	Fair	Non-Friable	Roof On Elevator Machine Room/AHU Room Walls, AHU Room Walls, & Stairwell Walls	200 LF
ACM black asphaltic tar/sealant on **ACM silver/beige paint** on **ACM black asphaltic tar/sealan**t on **ACM light gray/brown parapet cap caulking** (between concrete cap and concrete walls) [526]	Poor	Non-Friable	Roof Throughout	330 LF
Multiple ACM black asphaltic vapor barriers w/ non-ACM black asphaltic tar (on parapet walls) [527,528]	Poor	Non-Friable	Roof Throughout	330 SF
Non-ACM black rubber roofing on non-ACM yellow and/or blue foam insulation on **multiple layers of ACM black asphaltic tar** on **ACM silver paint** on **ACM black asphaltic tar** on **black asphaltic built-up roofing w/ ACM black asphaltic tar w/ multiple ACM black asphaltic vapor barriers** (between 3 & 5 layers) w/ non-ACM black asphaltic tar on non-ACM brown wood fiber insulation on non-ACM black asphaltic tar on non-ACM brown wood fiber insulation on concrete deck. [531-535]	Poor	Non-Friable	Roof Throughout (excluding Elevator Machine Room/AHU Room Roof, AHU Room Roof, & Stairwell Roof	5,750 SF

Highlight	Friable
No HL	Non-Friable
~~Red Line~~	Sample Location Not in Polaris Tower

TABLE 2
SUMMARY OF ASBESTOS-CONTAINING MATERIALS
FORMER POLARIS HOTEL (PH)

ASBESTOS MATERIAL DESCRIPTION	CON. (Condition)	TYPE (Friable vs. Non-Friable)	LOCATION	QUANTITY
Non-ACM black rubber roofing on non-ACM yellow and/or blue foam insulation on **multiple layers of ACM black asphaltic tar** on **ACM silver paint** on **ACM black asphaltic tar** on **black asphaltic built-up roofing w/ ACM black asphaltic tar w/ multiple ACM black asphaltic vapor barriers** (between 3 & 5 layers) w/ non-ACM black asphaltic tar on non-ACM brown wood fiber insulation on non-ACM black asphaltic tar on non-ACM brown wood fiber insulation on **ACM black asphaltic vapor barrier** w/ **ACM black asphaltic tar** on concrete deck. [541]	Poor	Non-Friable	Roof Elevator Machine Room/AHU Room Roof, AHU Room Roof, & Stairwell Roof	750 SF
Non-ACM black rubber roofing w/ non-ACM yellow and/or blue foam insulation on assumed **ACM roofing** on metal corrugated pan decking [521-535]	Poor	Non-Friable	Roof S. 1st Floor Roof	6,400 SF
ACM black asphaltic tar w/ **ACM black asphaltic vapor barrier** w/ non-ACM black tar on CMU wall [542]	Poor	Non-Friable	Exterior E. Wall, S. Side	100 LF
Small electrical panels and/or electrical switch gear panels with assumed ACM internal components (<1 square foot)	Poor	Non-Friable	Basement Throughout Main Floor Kitchen	22 EA 3 EA
Electrical panels and/or electrical switch gear panels with assumed ACM internal components (~1'x1' to ~ 2'x3')	Poor	Non-Friable	Basement Throughout Main Floor Kitchen NE Side Entry Hall, Bar, & Polaris Lounge	27 EA 5 EA
2.5'x6.5'x16" Large electrical switch gear panel w/ assumed ACM internal components	Poor	Non-Friable	Basement BE2	1 EA
~~3'x6'x16" Large electrical switch gear panel w/ assumed ACM internal components~~	~~Poor~~	~~Non-Friable~~	~~Basement~~ ~~BE~~	~~1 EA~~

Highlight	Friable
No HL	Non-Friable
~~Red Line~~	Sample Location Not in Polaris Tower

TABLE 2
SUMMARY OF ASBESTOS-CONTAINING MATERIALS
FORMER POLARIS HOTEL (PH)

ASBESTOS MATERIAL DESCRIPTION	CON. (Condition)	TYPE (Friable vs. Non-Friable)	LOCATION	QUANTITY
5'x8'x16" Large electrical switch gear panel w/ assumed ACM internal components	Poor	Non-Friable	Basement BE2	1 EA
11'x8'x16" Large electrical switch gear panel w/ assumed ACM internal components	Poor	Non-Friable	Basement BE2	1 EA

KEY: ACM=asbestos containing materials, **AHU** = air handling unit, **GWB** = gypsum wall board, **JC** = joint compound, **EA** = each, **LB** = large bore TSI (metal pipes with TSI that have an outside diameter of > 6" {including insulation}), **LF** = linear feet, **OD** = outer diameter, **pre** = ACM from previous surveys, **SB** = small bore TSI (metal pipes with TSI that have an outside diameter of ≤ 6" {including insulation}), **SF** = square feet, **SVF** = sheet vinyl floor, **TSI** = thermal system insulation, **VAT** = vinyl asbestos tile, **w/** = with, **bold text** = ACM layers within or beneath non-ACM layers, **[XXX]** = EHSI sample number associated with ACM

ACM identified in this survey should not be disturbed unless handled by personnel who are properly trained and certified in asbestos work. Demolition and/or renovation activities by contractors may expose concealed suspect ACM. Contractors should be aware of the potential for concealed suspect ACM and have preplanned contingencies for the handling of suspect ACM discovered during renovation and/or demolition work. Any concealed suspect ACM material that was not sampled or was assumed to be ACM and included in this report, must be treated as ACM until proven otherwise by a Certified AHERA Building Inspector and a certified laboratory. Contingency plans should include stopping work on identification of concealed suspect ACM, evacuation of the area, and sampling by a Certified AHERA Building Inspector.