

LIMITED HAZARDOUS MATERIALS ASSESSMENT

ALASKA COURT SYSTEM KOTZEBUE COURTHOUSE RENOVATION

KOTZEBUE, ALASKA

**Surveyed
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EHS-ALASKA, INC.
ENGINEERING, HEALTH & SAFETY CONSULTANTS
11901 BUSINESS BLVD., SUITE 208
EAGLE RIVER, ALASKA 99577-7701

**HAZARDOUS MATERIALS ASSESSMENT
ACS COURTHOUSE RENOVATION**

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HAZARDOUS MATERIALS ASSESSMENT

ACS COURTHOUSE RENOVATION

KOTZEBUE, ALASKA

OVERVIEW

ACS Kotzebue Courthouse, located in Kotzebue, Alaska, was surveyed for the presence of asbestos-containing materials (ACM), and other potentially hazardous materials as a part of the design services for the ACS Kotzebue Courthouse Renovation Project for the Alaska Court System (ACS). The survey also provided a “good faith” inspection for hazardous materials that may be disturbed during the construction. The proposed work includes the disturbance, demolition, removal and disposal of lead-containing paints and/or lead-containing materials that is incidental to the renovation and remodeling project. Mr. John H. Lamont and Mr. Martin K. Schwan of EHS-Alaska, Inc. (EHS-Alaska) conducted the inspections in March 2022. It will be the contractor’s responsibility to take this baseline data, and to conduct hazardous materials removal in compliance with all regulatory requirements.

A. GENERALIZED REQUIREMENTS FOR HAZARDOUS MATERIALS

Potentially hazardous materials have been identified in ACS Kotzebue Courthouse that will be affected by the proposed renovations. Those materials include asbestos, lead, polychlorinated bi-phenyls (PCBs), mercury, and radioactive materials. Not all materials were tested for potentially hazardous components, other potentially hazardous materials, including those exterior to the building, such as contamination from underground fuel tanks may be present, but are not part of this report.

Buildings or portions of buildings that were constructed prior to 1978 which are residences, or contain day care facilities, kindergarten classes or other activities frequently visited by children under 6 years of age are classified as *child occupied facilities*. All work which is NOT classified as “minor repair and maintenance activities” (as defined by the regulations), that takes place in the “*child occupied*” portions of facilities must comply with the requirements of 40 CFR 745. This building is not classified as a *child occupied facility* and therefore the requirements of 40 CFR 745 are not applicable.

Only the materials that will be directly affected by this project are required to be removed. The quantities and types of materials are incorporated into the design documents for this renovation. It is the Contractor’s responsibility to take this baseline data to coordinate and fully develop a hazardous materials removal design that will identify the presence, locations and quantities of asbestos and/or other hazardous materials that will be affected by this project. The removal and disposal of potentially hazardous materials are highly regulated, and it is anticipated that removal and disposal of asbestos, lead and chemical hazards will be conducted by a subcontractor to the general contractor who is qualified for such removal. It is anticipated that the general contractor and other trades will be able to conduct their work using engineering controls and work practices to control worker exposure and to keep airborne contaminants out of occupied areas of the building. Refer to Section 01 35 45, Airborne Contaminant Control.

Settled and concealed dusts in areas not subject to routine cleaning are present throughout the building, including the roof, and inside and on top of architectural, mechanical, electrical, and structural elements, and those dusts are assumed to contain regulated air contaminants. This should not be read to imply that there is an existing hazard to building occupants (normal occupants of the building as opposed to construction workers working in the affected areas). However, depending on the specific work items involved and on the means and methods employed when working in the affected areas, construction workers could be exposed to regulated air contaminants from those dusts in excess of the OSHA Permissible Exposure Limits (PELs).

The settled and concealed dusts were examined by an EPA Certified Building Inspector but were not sampled. The inspector determined that the dusts are not “asbestos debris” from an asbestos-containing building material (ACBM). Based on similar sampling from similar buildings, the inspector also determined

that the dusts are unlikely to contain more than one percent (1%) asbestos by weight, and therefore are not an asbestos-containing material (ACM). Reference 40 CFR 763.83.

“Awareness training” (typically 2 hours) and possibly respiratory protection will be required for all Contractor Personnel who will be disturbing the dusts. The extent of the training and protective measures will depend upon the airborne concentrations measured during air monitoring of the contractors work force, which depends on the means and methods employed to control the dusts. The air monitoring may be discontinued following a “negative exposure assessment” showing that worker exposures are below the OSHA permissible exposure limits for the type of work and means and methods employed. Previous air monitoring from similar jobs with similar conditions may be used as historical data to establish a “negative exposure assessment”.

B. BUILDING DESCRIPTION

ACS Kotzebue Courthouse was originally constructed as an armory in 1985. A major renovation occurred in 2003 during which the west portion of the building was extensively demolished and converted into office areas and courtrooms for the Alaska Court System (ACS). New lighting and suspended ceilings were also installed. The courthouse facility was remodeled again in 2005 and 2012 and there have been other renovations which have taken place in the east side occupied by the National Guard which is outside of the scope for this project. The roof was replaced in 2009. The central and west portions of the first floor are occupied by the National Guard, the Department of Motor Vehicles (DMV), and the Alaska State Troopers. The scope of work for this project is limited to areas of the 1st and 2nd floors associated with the Alaska Court System, the penthouse fan room, and the fan room located on the second floor above the National Guard offices.

The building is built upon 12 inch diameter steel piles. The primary supports on the piles are steel beams. There are 2x6 insulated panels attached to the underside of the first floor beams and a concrete slab over a metal deck with various finishes that make up the first floor. There is an accessible crawlspace ~2' tall under the first floor. The second floor is supported typically by steel columns supporting steel beams supporting a concrete slab over metal decking. The roof is similarly supported by steel columns and wide flange beams with a metal deck and 8" of rigid insulation with what appears to be a newer EPDM roof covering. There is a penthouse fan room located in the SW portion of the roof.

The exterior walls were of insulated wood panels with pre-finished flat or ribbed metal siding. Interior walls of the mechanical spaces were finished with painted plywood, and offices and similar areas were of metal studs covered with gypsum wallboard. The stairwells appear to have a smoothing compound on the walls.

Floor finishes were mainly of concrete, vinyl composition tile, and carpet. Flooring in locker rooms, restrooms and shower areas have ceramic floor tiles. A black sealant was found under the sand under the ceramic floor tiles in the men's shower rooms. Ceilings in fan rooms was exposed metal decking and in office areas it was suspended ceiling tiles with gypsum wallboard above.

The building was heated by a hydronic heating system combined with various fan coil units supplying ventilation and heating. Original and newer above ceiling ducting was noted. The heating and domestic water piping was insulated with fiberglass. Similarly, the roof drain piping had fiberglass insulation at the roof drain bowls.

C. SAMPLING AND ANALYSIS

1. Asbestos-Containing Materials

The survey included sampling of suspect ACM materials pertinent to the project, including asbestos; and lead in dust samples was conducted and is included in this report.

The samples were analyzed for the presence of asbestos using polarized light microscopy (PLM), analysis, as recommended by EPA, to determine the composition of suspected ACMs (EPA method 600/M4-82-

020). Only materials containing more than 1% total asbestos were classified as “asbestos-containing” based on EPA and OSHA criteria. Samples analyzed to have less than 10% asbestos were “point-counted” by the laboratory for more accuracy. Samples listed as having a “Trace by Point Count” had asbestos fibers found in the material, but the fibers were not present at the counting grids. Table 1 in Part D below contains a summary list of the asbestos bulk samples and the applicable results.

The Bulk Asbestos samples were analyzed for asbestos content by International Asbestos Testing Laboratories (IATL), Mt. Laurel, New Jersey a National Voluntary Laboratory Accreditation (NVLAP) accredited laboratory.

EPA regulations under 40 CFR 763 require the use of PLM to determine whether or not a material contains asbestos. While PLM analysis does a good job for most materials, it does have some limitations. Fibers may be undetectable if their small size prevents visibility under a standard optical microscope, or if they are bound in an organic matrix to the point that the fibers are obscured. At the discretion of the building inspector and the client, some types of samples may be analyzed or re-analyzed by what is called Transmission Electron Microscopy for Non-Friable Organically Bound (TEM NOB) materials. TEM NOB is the definitive method for determining if asbestos is present, but TEM NOB use is not required by the EPA. TEM NOB analysis was not done for this project.

Field survey data sheets and laboratory reports of the bulk samples are included in Appendix A. Drawings showing sample locations are included as Appendix D.

2. Lead-Containing Materials

Nearly all surfaces in the building were coated with paint and most surfaces had been repainted. EHS-Alaska tested representative paints throughout the affected areas of the building using an Heuresis Pb200i X-Ray Fluorescence (XRF) lead paint analyzer (Serial # 1770 with software version 4.0-21). The lead testing conducted was not a Lead-Based Paint Inspection or Screening as defined by Department of Housing and Urban Development (HUD) or EPA regulations but was done to test surfaces that may be representative of those likely to be affected by this project. If surfaces and materials other than those tested are identified, the Contractor shall test and treat appropriately. Refer to the Lead Analyzer Test Results Table in Appendix C that identifies the surfaces tested, and the results. All surfaces affected by this project may not have been tested and therefore additional sampling may be required to refute the presence of lead-containing materials regulated by 29 CFR 1926.62. The Lead Test Locations are shown in Appendix D.

The survey included limited lead wipe samples of dust in AHU-4 in the 2nd floor fan room above the National Guard Offices because it supplied air for the former indoor firing range. The lead dust samples were typically taken in 3 locations of AHU-4: the return air duct, the mixing chamber, and the supply air after the filters. Dust was collected using ASTM E1728-99 protocol from a surface that measured 100 square centimeters (cm²), using a towelette, manufactured especially for lead dust sampling. The dust on the wipe was then analyzed at the laboratory using Flame Atomic Absorption Spectrometry, (FAAS), according to the EPA SW 846:6010:7420 method. The lead content was reported as a concentration of micrograms of lead per square foot of surface sampled (µg/ft²). Table 3 in Part D below contains a summary list of the lead dust samples and the applicable results.

EPA and HUD have defined lead-based paint as any paint or other surface coating that contains lead equal to or in excess of 1.0 milligram per square centimeter (mg/cm²) or 0.5 percent by weight. XRF results are classified as positive (lead is present at 1.0 mg/cm² or greater), negative (less than 1.0 mg/cm² of lead was present) or inconclusive (the XRF could not make a conclusive positive or negative determination). Tests that were invalid due to operator error are shown as void tests.

A Performance Characteristic Sheet (PCS) for the Heuresis Pb200i is available upon request. This PCS data provides supplemental information to be used in conjunction with Chapter 7 of the “HUD Guidelines”. Performance parameters provided in the PCS are applicable when operating the instrument using the manufacturer’s instructions and the procedures described in Chapter 7 of the “HUD Guidelines”. The

instrument was operated in accordance with manufacturer's instructions and Chapter 7 of the HUD Guidelines. No substrate correction is required for this instrument. There is no inconclusive classification for this instrument when using the 1.0 mg/cm² threshold.

3. Testing of Paints and Sealants for PCB's

No testing of paints or sealants for PCB's was authorized for this project, and no sampling occurred.

D. SURVEY RESULTS

1. Asbestos-Containing Materials

The following Table 1A lists the samples taken in March 2022, and the results of the laboratory analysis. Asbestos field survey data sheets and laboratory reports are included as Appendix A. Refer to Appendix D for sample locations.

TABLE 1A

SAMPLE NUMBER	MATERIAL	LOCATION	ASBESTOS CONTENT
605-0322-A01	White joint compound. Do not analyze paper.	Penthouse Fan Room: NW corner below the in-floor grate in the RA shaft on gypsum wallboard (GWB). Photo 01 JHL	None Detected
605-0322-A02	Pliable light-grey duct seam seal	Penthouse Fan Room: north portion of duct from MUA-1, on metal duct seam. Photo 02 JHL	None Detected
605-0322-A03	Pliable white seam sealant at mixing chamber	Penthouse Fan Room: SW corner, inside the insulated outside air damper ducting, RA mixing chamber on square duct seam above fan motor. Photo 04 JHL	None Detected
605-0322-A04	Hard tan cove base mastic	Penthouse Fan Room: Concrete landing at base of stairs leading to the fan room, right side on GWB. Photo 10 JHL	None Detected
605-0322-A05	CB-3: 4" beige cove base, flexible	Penthouse Fan Room: Concrete landing at base of stairs leading to the fan room, right side on GWB. Photo 10 JHL	None Detected
605-0322-A06	Pliable white sealant at stair stringer	Penthouse Fan Room: base of stairs between the cove and the GWB wall. Photo 11 JHL	None Detected
605-0322-A07	Beige gypsum wall board, Lab also reported white joint compound	Penthouse Fan Room: base of wall at landing. Photo 12 JHL	Both Layers - None Detected
605-0322-A08	White joint compound	Penthouse Fan Room: base of wall at landing. Photo 12 JHL	None Detected
605-0322-A09	White joint compound, gypsum wall board	Second Floor Men's Locker Room: Outside shower room, NW corner above the wall tiles below the cloth hanging hook. Photo 229 MKS	Both Layers - None Detected
605-0322-A10	White joint compound; gypsum wall board	Second Floor Men's Locker Room: Outside shower room, SE corner above the wall tiles. Photo 230 MKS	Both Layers - None Detected

SAMPLE NUMBER	MATERIAL	LOCATION	ASBESTOS CONTENT
605-0322-A11	Beige grout from ceramic wall tile. Lab also reported white joint compound	Second Floor Men's Locker Room: Shower room, left outside corner between ceramic wall tiles. Photo 16 JHL	Both Layers - None Detected
605-0322-A12	Beige grout; pliable tan mastic from ceramic wall tile. Lab also reported white joint compound	Second Floor Men's Locker Room: Shower room, left outside corner behind ceramic wall tiles. Photo 20 JHL	All 3 Layers - None Detected
605-0322-A13	Hard white sealant	Second Floor Men's Locker Room: Middle sink, right side between ceramic sink and ceramic wall tile. Photo 21 JHL	None Detected
605-0322-A14	Beige grout; pliable tan mastic from ceramic wall tile	Second Floor Men's Locker Room: wall south of sinks, east side of door, behind the paper towel dispenser, right edge. Photo 23 JHL	Both Layers - None Detected
605-0322-A15	Beige grout; pliable tan mastic from ceramic wall tile	Second Floor Men's Locker Room: wall south of sinks, east side of door, behind the paper towel dispenser, bottom left edge. Photo 24 JHL	Both Layers - None Detected
605-0322-A16	Beige gypsum wall board	Second Floor Men's Locker Room: wall south of sinks, east side of door, behind the paper towel dispenser, bottom left edge. Photo 24 JHL	None Detected
605-0322-A17	White gypsum wall board. Lab also reported white joint compound and a "composite"	Second Floor Men's Locker Room: wall south of sinks, east side of door, behind the paper towel dispenser, bottom right edge. Photo 25 JHL	All 3 Layers - None Detected
605-0322-A18	Pliable white sealant	Second Floor Men's Locker Room: between the left urinal and the ceramic wall tile, top edge. Photo 27 JHL	None Detected
605-0322-A19	White joint compound	Second Floor Men's Locker Room: above top right side of the 2nd door near the stalls. Photo 33 JHL	None Detected
605-0322-A20	Pliable white cove base (CB-2) mastic. Lab also reported gray cove base and white joint compound	Second Floor Men's Locker Room: base of wall, left side of door into the men's toilet room, storage area side, on GWB. Photo 35 JHL	All 3 Layers - None Detected
605-0322-A21	CB-2: Light grey vinyl cove base	Second Floor Men's Locker Room: base of wall, left side of door into the men's toilet room, storage area side, on GWB. Photo 35 JHL	None Detected
605-0322-A22	White joint compound	Second Floor Men's Locker Room: base of wall, right side of 2nd door into the men's toilet room, storage area side, on GWB. Photo 36 JHL	None Detected
605-0322-A23	White gypsum wall board	Second Floor Men's Locker Room: base of wall, right side of 2nd door into the men's toilet room, storage area side. Photo 37 JHL	None Detected

SAMPLE NUMBER	MATERIAL	LOCATION	ASBESTOS CONTENT
605-0322-A24	Pliable black underfloor damp-proofing	Second Floor Men's Locker Room: Shower room, north side under tiles and ~2" of sand where the floor was cracked. Photo 41 JHL	None Detected
605-0322-A25	Pliable tan trim mastic	Second Floor Men's Locker Room: Under threshold to men's toilet room, at east entrance, at ceramic floor tile and exposed concrete floor. Photo 43 JHL	None Detected
605-0322-A26	Hard white sealant	Second Floor Women's Locker Room: Shower stall partition to textured GWB wall. Photo 49 JHL	None Detected
605-0322-A27	White joint compound	Second Floor Women's Locker Room: GWB ceiling above east shower stalls. Photo 51 JHL	None Detected
605-0322-A28	Pliable white sealant	Second Floor Women's Locker Room: Shower tub insert at metal wall partition, top of curb. Photo 53 JHL	None Detected
605-0322-A29	Beige grout of ceramic cove base tile	Second Floor Women's Locker Room: Base of east wall, left of center on back side of ceramic cove base tile, on GWB. Photo 55 JHL	None Detected
605-0322-A30	Pliable tan mastic at ceramic cove base tile	Second Floor Women's Locker Room: Base of east wall, left of center on back side of ceramic cove base tile, on GWB. Photo 55 JHL	None Detected
605-0322-A31	White joint compound	Second Floor Women's Locker Room: Wall section between the toilet stalls and the sinks, above the wall tiles on left outside corner. Photo 57 JHL	None Detected
605-0322-A32	White joint compound	Second Floor Women's Locker Room: Wall-ceiling intersection on the portion of wall straight in from the entrance, on GWB shaft wall. Photo 58 JHL	None Detected
605-0322-A33	Beige gypsum wall board. Lab also reported white joint compound	Second Floor Women's Locker Room: Upper wall section at corner inside entrance door, north side. Photo 59 JHL	Both Layers - None Detected
605-0322-A34	FT-1: 12" x 12" cream vinyl floor tile with white and brown streaks; black mastic (See photo 266 MKS)	Second Floor Hall to Women's Locker Room: floor on the left side along base of wall near entrance to women's locker room. Photo 62 JHL	Both Layers - None Detected
605-0322-A35	FT-2: 12" x 12" beige vinyl floor tile with birch bark pattern; tan mastic. (See photo 266 MKS). Lab stated that there was not mastic present	Second Floor Hall to Women's Locker Room: floor on the left side along base of wall near entrance to women's locker room. Photo 62 JHL	Floor Tile - None Detected
605-0322-A36	CB-1: Grey cove base; pliable white mastic. Lab also reported tan mastic and white joint compound	Second Floor Hall to Women's Locker Room: Base of GWB wall on the left side near entrance to women's locker room. Photo 63 JHL	All 4 layers - None Detected

SAMPLE NUMBER	MATERIAL	LOCATION	ASBESTOS CONTENT
605-0322-A37	CB-2: Light grey cove base; pliable white mastic; hard tan mastic. Lab reported no tan mastic, but they did report white joint compound	Second Floor Hall to Women's Locker Room: Base of GWB wall on the right side near entrance to women's locker room. Photo 66 JHL	All 3 layers - None Detected
605-0322-A38	CB-2: Light grey cove base; pliable white mastic; hard tan mastic	Second Floor Hall: near corner on the west side, south of hall to locker rooms, on GWB. Photo 67 JHL	Both layers - None Detected
605-0322-A39	CB-1: Grey cove base; pliable white mastic; hard tan mastic. Lab reported no tan mastic, but they did report white joint compound	Second Floor Hall: near corner on the west side, south of hall to locker rooms, on GWB. Photo 68 JHL	All 3 layers - None Detected
605-0322-A40	FT-1: 12" x 12" cream vinyl floor tile with white and brown streaks; black mastic; remnant hard tan mastic (from cove base). Lab indicated that there was not enough black mastic to analyze, but there was gray mastic	Second Floor Hall: near corner on the west side, south of hall to locker rooms, on concrete. Photo 70 JHL	Floor Tile and gray mastic - None Detected
605-0322-A41	CB-2: Light grey cove base; remnant hard tan mastic	Second Floor Hall: south 3rd, east side at base of column, on GWB. Photo 74 JHL	Both layers - None Detected
605-0322-A42	FT-1: 12" x 12" cream vinyl floor tile with white and brown streaks; black mastic	Second Floor Hall: south 3rd, east side at base of column, on concrete. Photo 78 JHL	Both layers - None Detected
605-0322-A43	White joint compound	Second Floor Hall: south 3rd, east side at base of column, on GWB. Photo 78 JHL	None Detected
605-0322-A44	Off-white vinyl gypsum wall board panel; tan mastic	Second Floor Hall: south 3rd, east side, south of column, on wall. Photo 79 JHL	Both layers - None Detected
605-0322-A45	CB-1: Grey cove base; pliable white mastic; hard tan mastic. Lab did not report any tan mastic	Second Floor Hall: North end, base of wall, east side opposite of door to Clerk's Counter. Photo 80 JHL	CB & white mastic - None Detected
605-0322-A46	CB-2: Light grey cove base; pliable white mastic; hard tan mastic. Lab did not report any tan mastic but did find white joint compound	Second Floor Hall: North end, base of column on GWB wall, east side opposite of door to Clerk's Counter. Photo 82 JHL	All 3 layers - None Detected
605-0322-A47	FT-2: 12" x 12" beige vinyl floor tile with birch bark pattern; tan mastic; black mastic. Lab did not report tan mastic	Second Floor Hall: North end, base of wall, east side opposite of door to Clerk's Counter, on concrete. Photo 84 JHL	FT & black mastic - None Detected
605-0322-A48	FT-1: 12" x 12" cream vinyl floor tile with white and brown streaks; black mastic	Second Floor Hall: North end, base of wall, east side opposite of door to Clerk's Counter, on concrete. Photo 86 JHL	FT & black mastic - None Detected
605-0322-A49	White joint compound	Second Floor Hall: North end, base of wall above gray cove base, east side opposite of door to Clerk's Counter, on GWB behind CB. Photo 87 JHL	None Detected

SAMPLE NUMBER	MATERIAL	LOCATION	ASBESTOS CONTENT
605-0322-A50	CB-1: Grey cove base; hard tan mastic. Lab reported mastic color as off-white, and they reported white joint compound	Second Floor Hall: North end, wall common to Clerk's Counter, left of door on GWB. Photo 88 JHL	CB, off-white mastic, & JC - None Detected
605-0322-A51	White joint compound. Lab characterized the sample as off-white mastic	Second Floor Hall: North end, wall common to Clerk's Counter, left of door on GWB. Photo 89 JHL	Off-white mastic - None Detected
605-0322-A52	White gypsum wall board. Lab also reported white joint compound	Second Floor Hall: North end, wall common to Clerk's Counter, left of door on GWB. Photo 90 JHL	GWB and JC -None Detected
605-0322-A53	White joint compound	Second Floor Clerks Office: on nosing at the corner of the partial height counter GWB wall and the interior full height GWB wall to the south, along grid 4. Photo 95 JHL	None Detected
605-0322-A54	CB-5: Dark blue cove base; pliable off-white mastic	Second Floor Clerks Office: on base of the partial height counter GWB wall. Photo 96 JHL	Both layers - None Detected
605-0322-A55	White joint compound	Second Floor Clerks Office: Copier/Storage Room 208, west GWB wall, at base of enclosed column, above CB-5. Photo 101 JHL	None Detected
605-0322-A56	White joint compound	Second Floor Clerks Office: wing GWB wall in office area which is an extension of the east wall in the copier/storage room. Photo 104 JHL	None Detected
605-0322-A57	CB-5: Dark blue cove base; pliable off-white mastic	Second Floor Clerks Office: Base of GWB wing wall between the break/copier area and office 207 (Clerk of the Court), south face. Photo 106 JHL	Both layers - None Detected
605-0322-A58	White joint compound	Second Floor Clerks Office: Base of wing GWB wall between the break/copier area and office 207 (Clerk of the Court), south face Photo 107 JHL	None Detected
605-0322-A59	Pliable blue green carpet mastic	Second Floor Clerks Office: At elevated wood landing outside of 211 Ante Room at the back entrance to the Superior Courtroom. Photo 112 JHL	None Detected
605-0322-A60	Pliable, sticky, blue green carpet contact cement; remnant black mastic. Lab characterized the sample as "black/blue/green mastic"	Second Floor Superior Courtroom: North wall, west side of the wood dividing wall, on concrete. Photo 117 JHL	"Black/blue/green mastic" - None Detected
605-0322-A61	White joint compound	Second Floor Superior Courtroom: base of north GWB wall behind CB-5, west side of the wood dividing wall. Photo 118 JHL	None Detected

SAMPLE NUMBER	MATERIAL	LOCATION	ASBESTOS CONTENT
605-0322-A62	White gypsum wall board	Second Floor Superior Courtroom: base of south GWB wall, east of door to back hall with the locker rooms, behind CB-5, west side of the wood dividing wall. Photo 122 JHL	None Detected
605-0322-A63	Pliable blue green carpet mastic; remnant black mastic. Lab characterized the sample as "black/blue/green mastic"	Second Floor Superior Courtroom: base of south GWB wall, east of door to back hall with the locker rooms, west side of the wood dividing wall, on concrete. Photo 123 JHL	"Black/blue/green mastic" - None Detected
605-0322-A64	White gypsum wall board. Lab also reported white joint compound	Second Floor Ante Room: South wall near door to Superior Courtroom. Photo 128 JHL	GWB & JC - None Detected
605-0322-A65	CB-5: Dark blue cove base; hard tan mastic	Second Floor Ante Room: South GWB wall near door to Superior Courtroom. Photo 129 JHL	Both Layers - None Detected
605-0322-A66	Pliable white sealant	Second Floor Jury Room: Between east GWB wall and Formica countertop. Photo 132 JHL	None Detected
605-0322-A67	Hard black sink undercoating	Second Floor Jury Room: Underside of stainless steel sink. Photo 133 JHL	None Detected
605-0322-A68	Grey cove base; pliable white mastic	Second Floor Jury Room: outside corner of GWB wall between jury room and men's shower room, Photo 137 JHL	Both Layers - None Detected
605-0322-A69	White joint compound	Second Floor Jury Room: GWB wall common to the west wall of the men's shower room. Photo 135 JHL	None Detected
605-0322-A70	White joint compound	Second Floor Hall: GWB ceiling at water damaged area between the mural and the south end of the open to below guard rail. Photo 147 JHL	None Detected
605-0322-A71	Pliable grey green duct seam sealant	Penthouse Fan Room: Round intake air duct for MAU- 2, vertical portion. Photo 149 JHL	None Detected
605-0322-A72	Pliable grey green duct seam sealant	Penthouse Fan Room: Seam of MAU- 1, east side. Photo 150 JHL	None Detected
605-0322-A73	Pliable grey green duct seam sealant	Penthouse Fan Room: Exhaust duct seam for MAU- 2, SE corner. Photo 152 JHL	None Detected
605-0322-A74	Pliable grey green duct seam sealant	Penthouse Fan Room: Exhaust fan 1 round duct section just above the vibration joint, on seam. Photo 156 JHL	None Detected
605-0322-A75	Pliable grey duct seam sealant	Photo 162 JHL	None Detected
605-0322-A76	Pliable grey duct seam sealant	Second Floor Jury Room: square duct penetrating wall common to men's shower, above ceiling. Photo 210 JHL	None Detected

SAMPLE NUMBER	MATERIAL	LOCATION	ASBESTOS CONTENT
605-0322-A77	White gypsum wall board	Second Floor Jury Room: N-S portion of GWB wall above ceiling and common to the east wall of the men's shower. Photo 211 JHL	None Detected
605-0322-A78	Hard grey seam sealant	Fan Room 216: Section of along the vibration cloth with the piece of plywood and main housing for MUA-3. Photo 217 JHL	None Detected
605-0322-A79	Hard white sealant	Fan Room 216: South side of the main section of MUA-3, on top right seam. Photo 218 JHL	None Detected
605-0322-A80	White thick-weave duct wrap **Do not analyze the yellow insulation **	Fan Room 216: on the insulated section of before the 74-36 O/A down duct on MUA-3. Photo 222 JHL	None Detected
605-0322-A81	Hard black mastic ** Do not analyze the yellow insulation **	Fan Room 216: inside face of access door to MUA-3 between yellow insulation and metal door. Photo 228 JHL	None Detected
605-0322-A82	Hard grey seam sealant	Fan Room 216: Seam between the main section of MUA-3 and 74/36 O/A down duct. Photo 229 JHL	None Detected
605-0322-A83	Pliable grey seam sealant	Fan Room 216: The disconnected section of MUA-3, SE corner on seam before the flange with the bolted on plywood. Photo 235 JHL	None Detected
605-0322-A84	Pliable white seam putty	Fan Room 216: The abandoned reducing ducting laying on top of the disconnected portion of MUA-3, on the flange at the larger end. Photo 237 JHL	None Detected
605-0322-A85	Hard tan contact cement at black duct insulation	Fan Room 216: inside the abandoned reducing ducting laying on top of the disconnected portion of MUA-3, between the black insulation/lining and metal housing. Photo 240 JHL	None Detected
605-0322-A86	Hard tan cove base mastic of CB-3	Fan Room 216: unfinished GWB wall just inside door (west side). Photo 242 JHL	None Detected
605-0322-A87	White joint compound	Fan Room 216: SW corner on unfinished GWB, west of door. Photo 241 JHL	None Detected
605-0322-A88	White joint compound	First Floor Boiler Room: NW corner at shaft for former boiler flue, capped off at seam between green board and unfinished GWB. Photo 243 JHL	None Detected
605-0322-A89	White joint compound; white gypsum wall board	First Floor Boiler Room: NW corner at shaft for former boiler flue, capped off at seam between green board and unfinished GWB. Photo 243 JHL	Both Layers - None Detected

SAMPLE NUMBER	MATERIAL	LOCATION	ASBESTOS CONTENT
605-0322-A90	White gypsum wall board	First Floor Boiler Room: NW corner at shaft for former boiler flue, capped off at seam between green board and unfinished GWB. Photo 243 JHL	None Detected
605-0322-A91	CB-3: CB-3: 4" beige cove base, flexible; hard tan mastic	First Floor Boiler Room: north wall to the right of the entrance door along base of untextured GWB wall. Photo 246 JHL	Both Layers - None Detected
605-0322-A92	Off-white joint compound	First Floor Courtroom 100: NE corner, base of GWB wall left of the door behind the cove base (CB-5). Photo 617 MKS	None Detected
605-0322-A93	White gypsum wall board	First Floor Courtroom 100: NE corner, GWB wall left of the door near the intersection with the painted plywood exterior wall. Photo 618 MKS	None Detected
605-0322-A94	Off-white joint compound	First Floor Courtroom 100: seam in the NW corner. Photo 620 MKS	None Detected
605-0322-A95	Pliable blue green carpet mastic	First Floor Courtroom 100: NW corner under the (mainly) blue short-shag carpet on concrete. Photo 621 MKS	None Detected
605-0322-A96	Pliable thin grey duct seam sealant	First Floor Courtroom 100: at duct penetration above the ceiling at left of center of the east wall. Photo 272 JHL	None Detected
605-0322-A97	White joint compound	First Floor Courtroom 100: Southeast corner inside storage closet and evidence room. Photo 283 JHL	None Detected
605-0322-A98	Pliable tan mastic of CB-5	First Floor Courtroom 100: inside on the right side of the door for storage closet and evidence room, base of GWB wall at conduit penetration in floor. Photo 284 JHL	None Detected
605-0322-A99	Pliable grey duct seam sealant	Second Floor Storage Room Area in same area as Men's locker room: Above wall common to women's locker room on larger painted white round metal exhaust duct at "Y". Photo 292 JHL	None Detected
605-0322-A100	White joint compound	Second Floor Storage Room Area in same area as Men's locker room: GWB wall common to the Women's showers (their SW corner). Photo 296 JHL	None Detected
605-0322-A101	Pliable grey duct seam sealant	Second Floor Storage Room Area in same area as Men's locker room: At round exhaust duct above wall to Men's Locker Room. Photo 301 JHL	None Detected

SAMPLE NUMBER	MATERIAL	LOCATION	ASBESTOS CONTENT
605-0322-A102	Hard grey penetration sealant; hard white sealant	First Floor Electrical Room behind former kitchen, opposite side of hall to boiler room. North side at base of structural column and poured concrete floor. Photo 303 JHL	Both Layers - None Detected
605-0322-A103	White joint compound	First Floor Electrical Room behind former kitchen, opposite side of hall to boiler room. East wall at corner to south wall. Photo 679 MKS	None Detected
605-0322-A104	Light brown cove base; hard tan mastic	First Floor Electrical Room behind former kitchen, opposite side of hall to boiler room. Middle of south wall near conduit protrusion from floor. Photo 680 MKS	Both Layers - None Detected
605-0322-A105	Pliable grey green duct seam sealant	First Floor Holding Cells: Above ceiling through access hatch behind door to 2nd holding cell, on larger round SA duct(?) aligned N-S. Photo 698 MKS	None Detected
605-0322-A106	Pliable white sealant	Second Floor to First Floor North Side Stairwell: North painted white plywood wall at top of landing in hallway, between stair and west wall for Clerk's Counter. Photo 307 JHL	None Detected
605-0322-A107	Pliable white sealant	Second Floor to First Floor North Stairwell: North painted white plywood wall between intermediate landing and 2nd floor between steel girder and plywood. Photo 309 JHL	None Detected
605-0322-A108	White smoothing compound on plywood.	Second Floor to First Floor North Stairwell: North wall, smooth section of wall between intermediate landing and painted white steel girder. Photo 311 JHL	None Detected
605-0322-A109	Pliable tan mastic for 11/2" raised dot pattern gray rubber flooring	Second Floor to First Floor North Stairwell: Intermediate landing on concrete, along east wall, right of steel column. Photo 313 JHL	None Detected
605-0322-A110	White joint compound	First Floor to Second Floor North Stairwell: North wall corner of stairwell facing exit. Photo 317 JHL	None Detected
605-0322-A111	Hard tan mastic for 11/2" raised dot pattern rubberized flooring, leveling compound	First Floor to Second Floor South Stairwell: South quadrant of landing near stringer. Photo 489 MKS	Both Layers - None Detected
605-0322-A112	Pliable tan mastic for 11/2" raised dot pattern rubberized flooring	First Floor to Second Floor South Stairwell: South quadrant of landing near stringer. Photo 489 MKS	None Detected
605-0322-A113	White joint compound	Second Floor Unfinished Space 202: West wall adjacent to Fan Room 216. Photo 415 MKS	None Detected
The testing method used (polarized light microscopy [PLM]) is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. Before this material can be considered or treated as non-asbestos containing, confirmation should be made by quantitative transmission electron microscopy (TEM).			

Given the era of construction and the extensive renovations over the years, none of the samples in the areas affected by this project were determined to be asbestos-containing. However, some of the materials assumed to be ACM include the following:

1. Flange gaskets on piping.
2. Boiler gaskets and stack insulation.
3. Roofing - Remnants of asbestos-containing patching tars, residual asbestos-containing debris.

The effects of the above asbestos-containing materials on the proposed renovation are discussed below.

Flange Gaskets and Valve Packing

Due to their age, gaskets and valve packing on mechanical equipment throughout the buildings, but mostly in mechanical and fan rooms are assumed to be asbestos-containing. These materials are difficult to sample without disassembly of equipment and consequently limited sampling was performed. These materials were in good condition but may become friable during removal for replacement. The gaskets and packings are unlikely to be disturbed by this project.

Boiler Gaskets and Sealants

Due to their age, gaskets and sealants on the boilers are assumed to be asbestos-containing. These materials are difficult to sample without disassembly of equipment and consequently limited sampling was performed. These materials were in good condition but may become friable during removal for replacement. The gaskets and sealants are unlikely to be disturbed by this project.

Roofing

Roofing over this portion of the building is a rubberized EPDM type roof which does not contain asbestos. However residual asbestos-containing debris from the original roof may still exist beneath the newer roof on the roof deck along with residual patching tars at flashing and other equipment penetrating the roof deck. The roofing materials are unlikely to be disturbed by this project.

2. Asbestos in Dusts

The settled and concealed dusts were examined by an EPA Certified Building Inspector but no samples for asbestos in dusts were authorized for this project. Based on their visual inspection and experience from similar buildings, the inspector determined that the typical settled and concealed dusts are not "asbestos debris" from an asbestos-containing building material (ACBM). Based on similar sampling from similar buildings, the inspector also determined that the dusts are unlikely to contain more than one percent (1%) asbestos by weight, and therefore are not an asbestos-containing material (ACM).

3. Lead-Containing Materials

Lead-Testing

EHS-Alaska tested paint and other materials throughout the affected areas of the building using a Heuresis XRF lead paint analyzer. Lead in paints tested varied from a trace amount to 0.4 mg/cm². Lead in other materials tested varied from a trace amount to 17.6 mg/cm². Refer to the Lead Analyzer Test Results Table in Appendix C that identifies the surfaces tested, and the results. The Lead Test Locations are shown in the Drawings in Appendix D.

Paints

There were varying lead contents found in the paints, based on what surfaces they are on, with most surfaces containing little lead (but are still classified as lead-containing materials by OSHA). The highest levels of lead were found on miscellaneous steel, with lower levels on walls and other painted surfaces.

Lead based paints (paint containing more than 1.0 mg/cm² of lead) were not identified in the project area on surfaces tested. Lead was detected at very low levels in most of the painted floor, wall and ceiling surfaces. XRF testing is not able to "prove" that "no" lead exists in the paint. Low levels of lead found by XRF testing does not mean that the paints are free of lead, the paints may contain lead. At least an initial

exposure determination of potential worker exposures for all disturbance of lead-containing materials is required unless laboratory analysis shows that there is zero detectable lead in the materials being disturbed (which requires special analysis). However, these paints may not present a hazard to occupants or workers performing renovation or demolition if lead-safe work practices are followed.

Ceramic Wall Tile and Glazing

Relatively high concentrations of lead were found in the glazing of ceramic wall, as well as glazing of ceramic plumbing fixtures. The glazing of decorative wall tile found on walls and bathroom sinks contained high lead levels. The concentrations of lead in ceramic glazing compounds should not be compared to lead-based paint criteria, as the glazing is inherently less likely to cause lead to be present in dusts or on surfaces, where it can be ingested. Lead in ceramic tile glazing may not pose a hazard to occupants, or workers performing renovation if lead-safe work practices are followed. All ceramic tiles and fixtures in the facility should be assumed to contain lead.

Plastic Components

Low concentrations of lead were found in plastic components, such as “Formica” plastic laminate panels. The concentrations of lead in plastic compounds should not be compared to lead-based paint criteria. Lead in plastic compounds may have surface deterioration and if not cleaned regularly, lead may be present in dusts or on surfaces, where it can be ingested. Lead in plastic compounds may not pose a hazard to occupants, or workers performing renovation if good work practices are followed.

Metallic Lead in Batteries, Pipe Solder and Flashing

Metallic lead items identified in the building included lead acid batteries in emergency lights and other battery backup equipment. If removed during renovation or demolition they should be recycled or disposed of as hazardous waste.

Lead Dusts

Portions of AHU-4 which served the former indoor firing range were sampled for lead content – No other sampling for lead in dust was performed. The following Table 3A lists the lead dust samples taken in March 2022, and the results of the laboratory analysis. Lead Dust field survey data sheets and laboratory reports are included as Appendix B. Refer to Appendix D for sample locations.

TABLE 3A

SAMPLE NUMBER	DESCRIPTION	LOCATION	RESULTS LEAD/SF µg/ft²
KCH0322-LD1	Dust on metal, 10cm x 10cm	AHU-4 – Return air duct from IFR	1400 µg/ft ²
KCH0322-LD2	Dust on metal, 10cm x 10cm	AHU-4 – Supply Air downstream of the mixing chamber & filters, going to the IFR	810.0 µg/ft ²
KCH0322-LD3	Dust on metal, 10cm x 10cm	AHU-4 – Mixing Chamber before filters.	330.0 µg/ft ²

4. PCB-Containing Materials

Light Ballasts

Older fluorescent lights typically have PCB-containing ballasts. PCB-containing ballasts in fluorescent lights were banned in 1978, but manufacturers were allowed to use up existing stocks, and lights may have been reused from other facilities. The 2003 renovation reportedly replaced all of the light fixtures, but some may be present in areas such as storage rooms, janitors closets and similar areas. The survey included examination of what were considered to be representative light fixtures, but not all fixtures were able to be accessed. All lights shall be inspected during removal or relocation. Unless ballasts were marked “No PCBs,” they must be assumed to contain PCBs and must be disposed of as a hazardous waste when removed for disposal. Only fluorescent light fixtures marked “No PCBs” were found in the building. No fluorescent light fixtures are scheduled to be replaced by this project, but they may be relocated.

Bulk Products

Some older paints, sealants and other building materials may contain measurable amounts of PCB's. PCB use in paints and sealants was supposed to have been discontinued in 1979. The EPA does not require the sampling of bulk products, and no sampling of "Bulk Products" were authorized for this project.

5. Mercury-Containing Materials

Fluorescent Lamps

Fluorescent lamps use mercury to excite the phosphor crystals that coat the inside of the lamp. These lamps contain from 15 to 48 milligrams of mercury depending on their age and manufacturer. No fluorescent light fixtures are scheduled to be replaced by this project, but they may be relocated.

Thermostats

Older thermostats or other electrical switches that may contain mercury were not noted in the building.

All mercury-containing items being removed by this project are required to be disposed of as hazardous waste or recycled.

6. Other Hazardous Materials

Self-Illuminating Exit Signs and Smoke Detectors

Several radioactive, self-illuminating exit signs and smoke detectors were found in the renovation area. If any radioactive items are removed by this project, they are required be disposed of as hazardous waste or recycled.

Household Chemicals

Common household chemicals, including quantities of construction repair materials, paint products, cleaners, disinfectants, solvents, new or used lubrication products were present in the building. These loose containers were present in the boiler room and storage area and will be relocated by the owner.

Soil Contamination

The scope of work for EHS-Alaska, Inc. did not include investigation of soils for petroleum or other contaminations.

Heat Transfer Fluids

The existing heating and is assumed to contain heat transfer fluids, including glycol or other boiler treatment chemicals. Any heat transfer fluids removed from the heating system shall be recovered and properly disposed of or recycled.

E. REGULATORY CONSTRAINTS

1. Asbestos-Containing Materials

The Federal Occupational Safety and Health Administration (29 CFR 1926.1101) and the State of Alaska Department of Labor (8 AAC 61) have promulgated regulations requiring testing for airborne asbestos fibers; setting allowable exposure limits for workers potentially exposed to airborne asbestos fibers; establishing contamination controls, work practices, and medical surveillance; and setting worker certification and protection requirements. These regulations apply to all workplace activities involving asbestos-containing materials. No asbestos-containing materials are anticipated to be affected by this project.

The EPA regulations require an owner (or the owner's contractor) to notify the EPA of asbestos removal operations and to establish responsibility for the removal, transportation, and disposal of asbestos-containing materials.

The disposal of asbestos waste is regulated by the EPA, the Alaska Department of Environmental Conservation, and the disposal site operator. Wastes being transported to the disposal site must be sealed in leak tight containers prior to disposal and must be accompanied by disposal permits and waste manifests.

2. Dusts with Asbestos

Settled and concealed dusts above ceilings, and at other areas that are not routinely cleaned (such as inside ducts and at roofs, etc.) are assumed to have measurable concentrations of asbestos. Based on sampling of similar settled and concealed dusts at similar buildings, those dusts are assumed to contain less than 1 percent asbestos. Normal settled and concealed dusts are distinct and treated differently from debris resulting from damaged asbestos-containing materials.

Background levels of asbestos in dusts for a particular location will depend on many factors, including whether or not asbestos occurs naturally in soils in the area.

Likely sources of asbestos in dusts include natural occurrences of asbestos

The types of asbestos found in settled and concealed dusts often contain actinolite, anthophyllite and tremolite forms of asbestos which are not commonly found in bulk samples taken of materials from buildings. Those forms of asbestos may come from natural occurrences of asbestos in an outside source, such as rock or ore deposits, which appear to be common in Alaska.

Because the type of disturbance, concentration of asbestos in the dusts, cohesiveness of the dusts and room sizes will change, the airborne asbestos levels expected during the project will depend on the contractor's means and methods of conducting the work. The mere presence of asbestos in the dusts does not necessarily imply that a "hazard" exists which would require the use of specially trained workers to "abate" the "hazard". All dusts will likely be required to be removed from the areas where asbestos-containing materials are being removed (abatement areas) in order to achieve clearances. The dusts in the other areas are to be controlled so as to limit worker exposures and prevent contamination of occupied areas of the building.

There is no established correlation between settled or adhered dusts with measurable concentrations of asbestos and airborne concentrations. The definition in the OSHA regulations of asbestos-containing materials as those materials that contain 1 percent or more asbestos by weight, apply to cohesive materials and not to dusts. The OSHA regulations are essentially "performance based", if workers are exposed above the permissible exposure limits, then all of the requirements in the regulations become effective.

3. Lead-Containing Materials

The EPA Standard 40 CFR 745, Lead-Based Paint Poisoning Prevention in Certain Residential Structures, defines lead-based paint hazards and regulates lead based paint activities in target housing and child-occupied facilities. The requirements of this regulation include training certification, pre-work notifications, work practice standards and record keeping. Areas in facilities built before 1978 that are typically classified as child occupied facilities may include but are not limited to: residential homes, day care facilities, preschools, kindergarten classrooms, restrooms, multipurpose rooms, cafeterias, gyms, libraries and other areas routinely used by children under 6 years of age. New training requirements for Firms (Contractors) and Renovators (Workers) became effective on April 22, 2010. The building is not classified as a child occupied facility; therefore, the requirements of 40 CFR 745 do not apply.

Federal OSHA (29 CFR 1926.62) and the State of Alaska (8 AAC Chapter 61) have promulgated regulations that apply to all construction work where employees may be exposed to lead. The disturbance of any surfaces painted with lead-containing paint requires lead-trained personnel, personnel protective procedures, and air monitoring until exposure levels can be determined. If initial monitoring verifies that the work practices being used are not exposing workers, monitoring and protection procedures may be relaxed. Experience has shown that some paints in most buildings will contain low concentrations of lead and disturbance of those paints are still regulated under the OSHA lead standard, 29 CFR 1926.62. Low levels of lead found by XRF testing does not mean that the paints are free of lead, the paints may contain lead, and OSHA regulations apply during any disturbance of measurable amounts of lead present in paints.

Because the type of disturbance, quantity of lead dusts, cohesiveness of the dusts and room sizes will change, the airborne lead levels expected during the project will depend on the contractor's means and methods of conducting the work. The mere presence of lead in the dusts does not necessarily imply that a "hazard" exists which would require the use of specially trained workers to "abate" the "hazard". As a comparison, "clearance" lead dust concentrations established at the conclusion of a "lead abatement project" in child occupied facilities, are required to be <10.0 µg/ft² for floors, <100.0 µg/ft² for windowsills, and <400.0 µg/ft² for window troughs.

Because of potential concerns of lead in dust associated with the former indoor firing range, EHS-Alaska collected 3 dust samples in AHU-4 which supplied air to the range. 3 samples were collected in the return air duct, the supply air duct, and the mixing chamber associated with AHU-4. The lead dust levels contained from 330.0 µg/ft² to 1,400.0 µg/ft². The highest concentration found was in the return air duct. No other areas were assessed for lead in dust. Dust control measures will need to be utilized anywhere lead-containing materials are disturbed, including both paints and lead-containing dusts.

There is no established correlation between settled or adhered lead dust concentrations and airborne concentrations. The OSHA regulations are essentially "performance based", if workers are exposed above the permissible exposure limits, then all of the requirements in the regulations become effective.

The EPA requires that actual construction or demolition debris that contains lead or lead-containing paint or other heavy metals be tested using the TCLP test to determine if the waste must be treated as hazardous waste. All federal, state and local standards regulating lead and lead-containing wastes are required to be followed during the renovation or demolition of portions of this building. Lead-acid batteries and other batteries are classified by the EPA as Universal Wastes. The EPA encourages that all Universal Wastes be recycled in accordance with 40 CFR 273, or in the case of lead-acid batteries, in accordance with 40 CFR 266, subpart G.

If the TCLP tests done on the waste stream(s) that are produced by the contractor are found to be classified as hazardous wastes, then those waste stream(s) will have to be packaged for shipping and disposal in accordance with hazardous waste and transportation regulations. Because there are no hazardous waste landfills in Alaska, this report assumes that any hazardous waste disposal would take place in Seattle or elsewhere in the Pacific Northwest.

4. PCB-Containing Materials

The EPA has promulgated regulations (40 CFR Part 761) that cover the proper handling and disposal of PCB-containing materials. If any PCB-containing equipment is discovered and if they will be removed, those materials are required to be disposed of at fully permitted hazardous waste facilities. The EPA regulates liquid PCBs differently from non-liquid materials. Workers who remove or handle PCB-containing or PCB-contaminated materials or who transport or dispose of PCB wastes must be trained and certified in hazardous waste operations and emergency response (HAZWOPER) as required by 29 CFR 1910.120 and the State of Alaska Department of Labor (8 AAC 61). The Department of Transportation under 49 CFR Parts 100-199 regulates the marking, packaging, handling and transportation of hazardous materials. All federal, state and local standards regulating PCBs and PCB waste must be followed during this project.

5. Mercury-Containing Materials

Mercury-containing lamps are classified by the EPA as Universal Wastes. The EPA encourages that all Universal Wastes be recycled in accordance with 40 CFR 273. Mercury and mercury-containing products are considered hazardous waste if TCLP testing of the waste for mercury confirms the mercury content to be greater than the EPA criteria of 0.2 mg/l.

6. Other Hazardous Materials

Chemical Hazards

The EPA has promulgated regulations (40 CFR Parts 260 to 299 amongst others) that cover the proper handling and disposal of waste chemicals, including listed wastes, which are ignitable, corrosive, reactive, toxic, or an acute hazardous waste or wastes that exhibit the characteristics of toxicity. All construction workers who are required to remove or handle chemical hazards or to transport or dispose of chemical wastes shall be trained and certified as required by the U.S. Department of Labor (29 CFR 1910.120) and the State of Alaska Department of Labor (8 AAC 61). Transportation of chemical hazards are regulated by Department of Transportation regulations under 49 CFR Parts 171 to 178 amongst others.

Waste heat transfer fluids (such as used heating/cooling system glycol or other circulating heating/cooling fluids) are a potentially hazardous waste and are required to be TCLP tested prior to disposal to determine if the fluids are classified as hazardous or non-hazardous waste per the EPA's RCRA regulations governing hazardous wastes. According to a study performed by the University of Northern Iowa, standard TCLP analysis using ICP SW 6010 testing procedures commonly report levels of Arsenic and Selenium over regulatory thresholds due to interferences in the matrix. That report concluded that additional analysis should be performed to refute the presence of Arsenic or Selenium over the regulatory levels by either mass spectrometry using method SW 6020, or by graphite furnace using method SW 7060. Some heat transfer fluids may also contain potentially hazardous additives that modify the properties of the fluids for use in a particular system. It is recommended that the contractor consult with the persons responsible for maintaining the system to determine if any additives that may be potentially hazardous were used in the system to further determine disposal requirements.

Radioactive Materials

Self-luminous products that contain Tritium, Krypton-85, or Promethium-147 are considered radioactive. There are special disposal requirements for products that contain Tritium, Krypton-85, or Promethium-147 that are generally licensed. Data from the Nuclear Regulatory Commission (NRC) indicates that most all Tritium powered exit signs are generally licensed and therefore must be disposed of at a licensed disposal facility or returned to the manufacturer/distributor for disposal. Licensed radioactive products are regulated by Nuclear Regulatory Commission standard 10 CFR 20 and 10 CFR 32. Smoke detectors were present in the project area that may contain a radioactive material. If the detectors are of the ionization type they typically contain a small amount of Americium. If removed during renovation, the detectors should be returned to the owner for reuse or returned to the manufacturer for disposal or recycling. There are no licensed disposal facilities for radioactive wastes in Alaska.

F. RECOMMENDATIONS

Disposal of hazardous materials is often difficult and expensive in Rural Alaska, but the survey did not identify asbestos-containing materials. If the boiler is replaced the assumed ACM gaskets should be tested prior to disturbance to verify if they contain asbestos, and if they do they will need to be properly disposed. Because Kotzebue receives barge services, it is likely to be less expensive to barge out asbestos materials. Lead-containing materials, if they are not also asbestos-containing materials are often possible to dispose of locally, but in general, painted materials, with lead at measurable concentrations, are not allowed to be burned. Lead-containing materials which have been classified as hazardous waste, and chemical hazards are required to be disposed of at permitted landfills, which will require air freight or barge for disposal.

1. Asbestos-Containing Materials

The assumed asbestos-containing materials identified in the building are typically in intact condition and are classified as non-friable ACM. If any asbestos-containing materials are found that will be disturbed by the planned renovations, they are required to be removed by trained asbestos workers.

2. Dusts with Asbestos

Dusts with measurable concentrations of asbestos are assumed to be present, but are not classified as asbestos-containing materials, or as debris from asbestos-containing materials. Workers disturbing dusts are required to have hazard communication training in accordance with OSHA regulations but are not required to receive 40 hours of training, which is required for asbestos workers. The contractor will need to choose means and methods to control worker exposures to airborne contaminants. At least an initial exposure assessment or data from previous air monitoring is needed to show that worker exposures are maintained below the OSHA permissible exposure limits (PELs).

3. Lead-Containing Materials

Federal OSHA (29 CFR 1926.62) and the State of Alaska (8 AAC Chapter 61) have promulgated regulations that apply to all construction work where employees may be exposed to lead, including disturbance of paints with low concentrations of lead.

Worker exposure to lead may be able to be controlled below the OSHA permissible exposure limit if proper engineering controls and procedures are used during renovation. Lead is a potentially hazardous waste and the EPA requires that all wastes that contains lead be tested to determine if they must be treated as hazardous waste. A TCLP test of the waste stream(s) produced by the Contractor's means and methods are required to be performed to determine if those wastes will be classified as hazardous or non-hazardous.

4. PCB-Containing Materials

If any PCB-containing ballasts are discovered, and they are removed or replaced, they will need to be removed, handled, packaged, and disposed of in accordance with all regulations.

5. Mercury-Containing Materials

If any mercury-containing materials are removed or replaced, they will need to be removed, handled, packaged, and disposed of in accordance with all regulations. If mercury-containing lamps and thermostats are handled and disposed of in accordance with the Universal Waste Regulations, no TCLP test is required. If the Contractor chooses to perform a TCLP test of fluorescent lamps, the test shall be conducted in accordance with the requirements of ANSI/NEMA Standard Procedure for Fluorescent Lamp Sample Preparation and Toxicity Characteristic Leaching Procedure, C78.LL 1256-2003 or latest version.

6. Other Hazardous Materials

If any radioactive materials are removed or replaced, they will need to be removed, handled, packaged and disposed of in accordance with all regulations.

The common household chemicals that are the responsibility of the contractor shall be properly disposed of in accordance with all regulations and the requirements of the disposal site.

If any heat transfer fluids are removed or replaced, they will need to be removed, handled, packaged, and disposed of in accordance with all regulations.

G. LIMITATIONS

The conclusions and recommendations contained in this report are based upon professional opinions with regard to the subject matter. These opinions have been arrived at in accordance with currently accepted environmental consulting and engineering standards and practices and are subject to the following inherent limitations:

1. Accuracy of Information

The laboratory reports utilized in this assessment were provided by the accredited laboratories cited in this report. Although the conclusions, opinions, and recommendations are based in part, on such information, our services did not include the verification of accuracy or authenticity of such reports. Should such information provided be found to be inaccurate or unreliable, EHS-Alaska, Inc. reserves the right to amend or revise its conclusions, opinions, and/or recommendations.

2. Site Conditions

This limited survey did not include investigation of the entire site and may not be valid outside the survey area. The intent of this survey was to identify common hazardous materials that may be disturbed during routine maintenance or renovations. This survey is not intended to be utilized as the sole design document for abatement. This survey was conducted while the site was occupied. All inspections were performed with furniture, equipment and/or stored items in place. The scope of work for this survey did not include identification of all potentially hazardous materials that may be present at this site and was limited to the scope of work agreed upon with our client. Although a concerted effort was made to identify those common hazardous materials likely to be affected by this project, some hazardous materials may have been hidden by furniture, equipment or stored items and may not have been identified. The survey investigated representative materials and items, such as lights and mechanical components. Variations may occur between materials and items that appear to be the same but are actually of different construction or materials. Other asbestos-containing or potentially hazardous materials may be present in the facilities that were concealed by structural members, walls, ceilings or floor coverings, or in materials where testing was not conducted.

3. Changing Regulatory Constraints

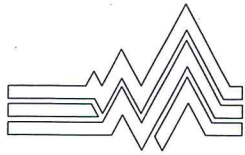
The regulations concerning hazardous materials are constantly changing, including the interpretations of the regulations by the local and national regulating agencies. Should the regulations or their interpretation be changed from our current understanding, EHS-Alaska, Inc. reserves the right to amend or revise its conclusions, opinions, and/or recommendations.

APPENDIX A

Asbestos Bulk Sample Field Survey Data Sheets and Laboratory Reports

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EHS-Alaska, Inc.

11901 Business Blvd., Suite 208, Eagle River, AK 99577

(907) 694-1383 • (907) 694-1382 fax

e-mail • ehsak@ehs-alaska.com

PROJECT NO: 7768-01	PROJECT NAME: AK Court System Kotzebue Courthouse Renovation	FACILITY: Kotzebue Court House	COLLECTION DATE: 03/22-23 2022
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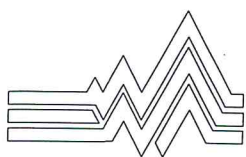
CHAIN OF CUSTODY RECORD

ANALYSIS REQUESTED:	<input checked="" type="checkbox"/> PLM BULK <input type="checkbox"/> LEAD DUST <input type="checkbox"/> TEM MICROVAC DUST (ASTM 5756)	<input type="checkbox"/> PLM DUST <input type="checkbox"/> LEAD TCLP <input type="checkbox"/> TEM BULK <input type="checkbox"/> LEAD PPM	TYPE:	TURNAROUND:	DISPOSAL:	QUANTITY
			<input checked="" type="checkbox"/> ASBESTOS <input type="checkbox"/> LEAD	5 DAYS	NORMAL	113

COLLECTED BY (signature) John Lamont PRINTED NAME T-30203-41066 / 20220011 CERT# / AHERA# FedEx SHIPPING METHOD FedEx: 7764 4951 COURIER (signature) DATE/TIME: 3/30/22 1520	RECEIVED SELECTED LABORATORY SAMPLES ACCEPTED BY APR -1 2022 DATE/TIME ANALYST'S SIGNATURE DATE 4/8/22	SPECIAL INSTRUCTIONS / COMMENTS: LAB: RETURN A SIGNED COPY OF THIS FORM WITH THE FINAL REPORT TO EHS-ALASKA, INC. See sample location drawing for more detailed explanation of exact locations.
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FIELD SURVEY DATA**ND = NONE DETECTED**

EHS SAMPLE NO. LAB ID NO	SAMPLE DESCRIPTION, (COLOR, MATERIAL TYPE, LAYERS, FRIABILITY)	LOCATION/COMMENTS (INCLUDING PHOTO/XREF)	RESULTS FOR EHS-ALASKA USE ONLY
605-0322-A01 7399230	White joint compound. Do not analyze paper.	Penthouse Fan Room: NW corner below the in-floor grate in the RA shaft on gypsum wallboard (GWB). Photo 01 JHL	ND
605-0322-A02 7399231	Pliable light-grey duct seam seal	Penthouse Fan Room: north portion of duct from MUA-1, on metal duct seam. Photo 02 JHL	ND
605-0322-A03 7399232	Pliable white seam seal at mixing chamber	Penthouse Fan Room: SW corner, inside the insulated outside air damper ducting, RA mixing chamber on square duct seam above fan motor. Photo 04 JHL	ND
605-0322-A04 7399233	Hard tan cove base mastic	Penthouse Fan Room: Concrete landing at base of stairs leading to the fan room, right side on GWB. Photo 10 JHL	ND
605-0322-A05 7399234	CB-3: 4" beige cove base, flexible	Penthouse Fan Room: Concrete landing at base of stairs leading to the fan room, right side on GWB. Photo 10 JHL	ND
605-0322-A06 7399235	Pliable white sealant at stair stringer	Penthouse Fan Room: base of stairs between the cove and the GWB wall. Photo 11 JHL	ND
605-0322-A07 7399236	Beige gypsum wall board	Penthouse Fan Room: base of wall at landing. Photo 12 JHL	ND Both Layers
605-0322-A08 7399237	White joint compound	Penthouse Fan Room: base of wall at landing. Photo 12 JHL	ND



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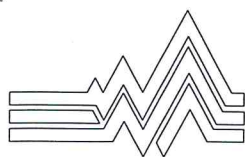
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PROJECT NO: 7768-01	PROJECT NAME: AK Court System Kotzebue Courthouse Renovation	FACILITY: Kotzebue Court House	COLLECTION DATE: 03/22-23 2022
FIELD SURVEY DATA			
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605-0322-A09 7399238	White joint compound, gypsum wall board	Second Floor Men's Locker Room: Outside shower room, NW corner above the wall tiles below the cloth hanging hook. Photo 229 MKS	ND Both layers
605-0322-A10 7399239	White joint compound; gypsum wall board	Second Floor Men's Locker Room: Outside shower room, SE corner above the wall tiles Photo 230 MKS	ND Both Layers
605-0322-A11 7399240	Beige grout from ceramic wall tile +JC	Second Floor Men's Locker Room: Shower room, left outside corner between ceramic wall tiles. Photo 16 JHL	ND Both Layers
605-0322-A12 7399241	Beige grout; pliable tan mastic from ceramic wall tile +JC	Second Floor Men's Locker Room: Shower room, left outside corner behind ceramic wall tiles. Photo 20 JHL	ND All Three Layers
605-0322-A13 7399242	Hard white sealant	Second Floor Men's Locker Room: Middle sink, right side between ceramic sink and ceramic wall tile. Photo 21 JHL	ND
605-0322-A14 7399243	Beige grout; pliable tan mastic from ceramic wall tile	Second Floor Men's Locker Room: wall south of sinks, east side of door, behind the paper towel dispenser, right edge. Photo 23 JHL	ND Both Layers
605-0322-A15 7399244	Beige grout; pliable tan mastic from ceramic wall tile	Second Floor Men's Locker Room: wall south of sinks, east side of door, behind the paper towel dispenser, bottom left edge. Photo 24 JHL	ND Both Layers
605-0322-A16 7399245	Beige gypsum wall board	Second Floor Men's Locker Room: wall south of sinks, east side of door, behind the paper towel dispenser, bottom left edge. Photo 24 JHL	ND
605-0322-A17 7399246	White gypsum wall board + Composite + JC	Second Floor Men's Locker Room: wall south of sinks, east side of door, behind the paper towel dispenser, bottom right edge. Photo 25 JHL	ND All Three Layers
605-0322-A18 7399247	Pliable white sealant	Second Floor Men's Locker Room: between the left urinal and the ceramic wall tile, top edge. Photo 27 JHL	ND
605-0322-A19 7399248	White joint compound	Second Floor Men's Locker Room: above top right side of the 2 nd door near the stalls. Photo 33 JHL	ND
605-0322-A20 7399249	Pliable white cove base (CB-2) mastic, Gref Cove Base, JC	Second Floor Men's Locker Room: base of wall, left side of door into the men's toilet room, storage area side, on GWB. Photo 35 JHL	ND All Three Layers
605-0322-A21 7399250	CB-2: Light grey vinyl cove base	Second Floor Men's Locker Room: base of wall, left side of door into the men's toilet room, storage area side, on GWB. Photo 35 JHL	ND



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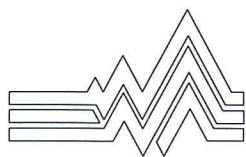
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605-0322-A22 7399251	White joint compound	Second Floor Men's Locker Room: base of wall, right side of 2 nd door into the men's toilet room, storage area side, on GWB. Photo 36 JHL	ND
605-0322-A23 7399252	White gypsum wall board	Second Floor Men's Locker Room: base of wall, right side of 2 nd door into the men's toilet room, storage area side. Photo 37 JHL	ND
605-0322-A24 7399253	Pliable black underfloor damp-proofing	Second Floor Men's Locker Room: Shower room, north side under tiles and ~2" of sand where the floor was cracked. Photo 41 JHL	ND
605-0322-A25 7399254	Pliable tan trim mastic	Second Floor Men's Locker Room: Under threshold to men's toilet room, at east entrance, at ceramic floor tile and exposed concrete floor. Photo 43 JHL	ND
605-0322-A26 7399255	Hard white sealant	Second Floor Women's Locker Room: Shower stall partition to textured GWB wall. Photo 49 JHL	ND
605-0322-A27 7399256	White joint compound	Second Floor Women's Locker Room: GWB ceiling above east shower stalls. Photo 51 JHL	ND
605-0322-A28 7399257	Pliable white sealant	Second Floor Women's Locker Room: Shower tub insert at metal wall partition, top of curb. Photo 53 JHL	ND
605-0322-A29 7399258	Beige grout of ceramic cove base tile	Second Floor Women's Locker Room: Base of east wall, left of center on back side of ceramic cove base tile, on GWB. Photo 55 JHL	ND
605-0322-A30 7399259	Pliable tan mastic at ceramic cove base tile	Second Floor Women's Locker Room: Base of east wall, left of center on back side of ceramic cove base tile, on GWB. Photo 55 JHL	ND
605-0322-A31 7399260	White joint compound	Second Floor Women's Locker Room: Wall section between the toilet stalls and the sinks, above the wall tiles on left outside corner. Photo 57 JHL	ND
605-0322-A32 7399261	White joint compound	Second Floor Women's Locker Room: Wall-ceiling intersection on the portion of wall straight in from the entrance, on GWB shaft wall. Photo 58 JHL	ND
605-0322-A33 7399262	Beige gypsum wall board + JC	Second Floor Women's Locker Room: Upper wall section at corner inside entrance door, north side. Photo 59 JHL	ND Both layers
605-0322-A34 7399263	FT-1: 12" x 12" cream vinyl floor tile with white and brown streaks; black mastic (See photo 266 MKS)	Second Floor Hall to Women's Locker Room: floor on the left side along base of wall near entrance to women's locker room. Photo 62 JHL	ND Both layers



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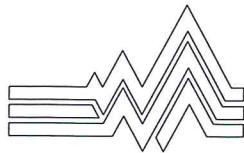
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605-0322-A35 7390264	FT-2: 12" x 12" beige vinyl floor tile with birch bark pattern; tan mastic. (See photo 266 MKS)	Second Floor Hall to Women's Locker Room: floor on the left side along base of wall near entrance to women's locker room. Photo 62 JHL	ND
605-0322-A36 7390265	CB-1: Grey cove base; pliable white mastic, Tan mastic, JL	Second Floor Hall to Women's Locker Room: Base of GWB wall on the left side near entrance to women's locker room. Photo 63 JHL	ND All Four Layers
605-0322-A37 7390266	CB-2: Light grey cove base; pliable white mastic; hard tan mastic + JL	Second Floor Hall to Women's Locker Room: Base of GWB wall on the right side near entrance to women's locker room. Photo 66 JHL	ND All Three Layers
605-0322-A38 7390267	CB-2: Light grey cove base; pliable white mastic; hard tan mastic	Second Floor Hall: near corner on the west side, south of hall to locker rooms, on GWB. Photo 67 JHL	ND Both Layers
605-0322-A39 7390268	CB-1: Grey cove base; pliable white mastic; hard tan mastic + JL	Second Floor Hall: near corner on the west side, south of hall to locker rooms, on GWB. Photo 68 JHL	ND All Three Layers
605-0322-A40 7390269	FT-1: 12" x 12" cream vinyl floor tile with white and brown streaks; black mastic; remnant hard tan mastic (from cove base)	Second Floor Hall: near corner on the west side, south of hall to locker rooms, on concrete. Photo 70 JHL	ND Both Layers
605-0322-A41 7390270	CB-2: Light grey cove base; remnant hard tan mastic	Second Floor Hall: south 3 rd , east side at base of column, on GWB. Photo 74 JHL	ND Both Layers
605-0322-A42 7390271	FT-1: 12" x 12" cream vinyl floor tile with white and brown streaks; black mastic	Second Floor Hall: south 3 rd , east side at base of column, on concrete. Photo 78 JHL	ND Both Layers
605-0322-A43 7390272	White joint compound	Second Floor Hall: south 3 rd , east side at base of column, on GWB. Photo 78 JHL	ND
605-0322-A44 7390273	Off-white vinyl gypsum wall board panel; tan mastic	Second Floor Hall: south 3 rd , east side, south of column, on wall. Photo 79 JHL	ND Both Layers
605-0322-A45 7390274	CB-1: Grey cove base; pliable white mastic; hard tan mastic	Second Floor Hall: North end, base of wall, east side opposite of door to Clerk's Counter. Photo 80 JHL	ND Both Layers
605-0322-A46 7390275	CB-2: Light grey cove base; pliable white mastic; hard tan mastic	Second Floor Hall: North end, base of column on GWB wall, east side opposite of door to Clerk's Counter. Photo 82 JHL	ND Both All Three Layers
605-0322-A47 7390276	FT-2: 12" x 12" beige vinyl floor tile with birch bark pattern; tan mastic; black mastic	Second Floor Hall: North end, base of wall, east side opposite of door to Clerk's Counter, on concrete. Photo 84 JHL	ND Both Layers
605-0322-A48 7390277	FT-1: 12" x 12" cream vinyl floor tile with white and brown streaks; black mastic	Second Floor Hall: North end, base of wall, east side opposite of door to Clerk's Counter, on concrete. Photo 86 JHL	ND Both Layers



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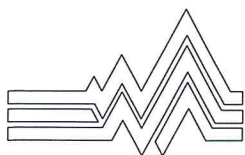
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605-0322-A49 7399278	White joint compound	Second Floor Hall: North end, base of wall above gray cove base, east side opposite of door to Clerk's Counter, on GWB behind CB. Photo 87 JHL	ND
605-0322-A50 7399279	CB-1: Grey cove base; hard tan mastic + JCL	Second Floor Hall: North end, wall common to Clerk's Counter, left of door on GWB. Photo 88 JHL	ND All Three Layers
605-0322-A51 7399280	White joint compound	Second Floor Hall: North end, wall common to Clerk's Counter, left of door on GWB. Photo 89 JHL	ND
605-0322-A52 7399281	White gypsum wall board + JCL	Second Floor Hall: North end, wall common to Clerk's Counter, left of door on GWB. Photo 90 JHL	ND Both Layers
605-0322-A53 7399282	White joint compound	Second Floor Clerks Office: on nosing at the corner of the partial height counter GWB wall and the interior full height GWB wall to the south, along grid 4. Photo 95 JHL	ND
605-0322-A54 7399283	CB-5: Dark blue cove base; pliable off-white mastic	Second Floor Clerks Office: on base of the partial height counter GWB wall. Photo 96 JHL	ND Both Layers
605-0322-A55 7399284	White joint compound	Second Floor Clerks Office: Copier/Storage Room 208, west GWB wall, at base of enclosed column, above CB-5. Photo 101 JHL	ND
605-0322-A56 7399285	White joint compound	Second Floor Clerks Office: wing GWB wall in office area which is an extension of the east wall in the copier/storage room. Photo 104 JHL	ND
605-0322-A57 7399286	CB-5: Dark blue cove base; pliable off-white mastic	Second Floor Clerks Office: Base of GWB wing wall between the break/copier area and office 207 (Clerk of the Court), south face. Photo 106 JHL	ND Both Layers
605-0322-A58 7399287	White joint compound	Second Floor Clerks Office: Base of wing GWB wall between the break/copier area and office 207 (Clerk of the Court), south face Photo 107 JHL	ND
605-0322-A59 7399288	Pliable blue green carpet mastic	Second Floor Clerks Office: At elevated wood landing outside of 211 Ante Room at the back entrance to the Superior Courtroom. Photo 112 JHL	ND
605-0322-A60 7399289	Pliable, sticky, blue green carpet contact cement; remnant black mastic	Second Floor Superior Courtroom: North wall, west side of the wood dividing wall, on concrete. Photo 117 JHL	ND
605-0322-A61 7399290	White joint compound	Second Floor Superior Courtroom: base of north GWB wall behind CB-5, west side of the wood dividing wall. Photo 118 JHL	ND



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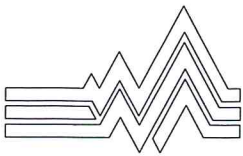
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605-0322-A62 7399291	White gypsum wall board	Second Floor Superior Courtroom: base of south GWB wall, east of door to back hall with the locker rooms, behind CB-5, west side of the wood dividing wall. Photo 122 JHL	ND
605-0322-A63 7399292	Pliable blue green carpet mastic; remnant black mastic	Second Floor Superior Courtroom: base of south GWB wall, east of door to back hall with the locker rooms, west side of the wood dividing wall, on concrete. Photo 123 JHL	ND
605-0322-A64 7399293	White gypsum wall board + JC	Second Floor Ante Room: South wall near door to Superior Courtroom. Photo 128 JHL	ND Both Layers
605-0322-A65 7399294	CB-5: Dark blue cove base; hard tan mastic	Second Floor Ante Room: South GWB wall near door to Superior Courtroom. Photo 129 JHL	ND Both Layers
605-0322-A66 7399295	Pliable white sealant	Second Floor Jury Room: Between east GWB wall and Formica countertop. Photo 132 JHL	ND
605-0322-A67 7399296	Hard black sink undercoating	Second Floor Jury Room: Underside of stainless steel sink. Photo 133 JHL	ND
605-0322-A68 7399297	Grey cove base; pliable white mastic	Second Floor Jury Room: outside corner of GWB wall between jury room and men's shower room, Photo 137 JHL	ND Both Layers
605-0322-A69 7399298	White joint compound	Second Floor Jury Room: GWB wall common to the west wall of the men's shower room. Photo 135 JHL	ND
605-0322-A70 7399299	White joint compound	Second Floor Hall: GWB ceiling at water damaged area between the mural and the south end of the open to below guard rail. Photo 147 JHL	ND
605-0322-A71 7399300	Pliable grey green duct seam sealant	Penthouse Fan Room: Round intake air duct for MAU- 2, vertical portion. Photo 149 JHL	ND
605-0322-A72 7399301	Pliable grey green duct seam sealant	Penthouse Fan Room: Seam of MAU- 1, east side. Photo 150 JHL	ND
605-0322-A73 7399302	Pliable grey green duct seam sealant	Penthouse Fan Room: Exhaust duct seam for MAU- 2, SE corner. Photo 152 JHL	ND
605-0322-A74 7399303	Pliable grey green duct seam sealant	Penthouse Fan Room: Exhaust fan 1 round duct section just above the vibration joint, on seam. Photo 156 JHL	ND
605-0322-A75 7399304	Pliable grey duct seam sealant	Second Floor Storage Room: above entrance on top side of rectangular duct running above ceiling to Men's Locker Room: Photo 162 JHL	ND



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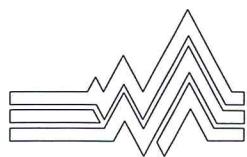
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605-0322-A76 7390305	Pliable grey duct seam sealant	Second Floor Jury Room: square duct penetrating wall common to men's shower, above ceiling. Photo 210 JHL	ND
605-0322-A77 7390306	White gypsum wall board	Second Floor Jury Room: N-S portion of GWB wall above ceiling and common to the east wall of the men's shower. Photo 211 JHL	ND
605-0322-A78 7390307	Hard grey seam sealant	Fan Room 216: Section of along the vibration cloth with the piece of plywood and main housing for MUA-3. Photo 217 JHL	ND
605-0322-A79 7390308	Hard white sealant	Fan Room 216: South side of the main section of MUA-3, on top right seam. Photo 218 JHL	ND
605-0322-A80 7390309	White thick-weave duct wrap **Do not analyze the yellow insulation **	Fan Room 216: on the insulated section of before the 74-36 O/A down duct on MUA-3. Photo 222 JHL	ND
605-0322-A81 7390310	Hard black mastic ** Do not analyze the yellow insulation **	Fan Room 216: inside face of access door to MUA-3 between yellow insulation and metal door. Photo 228 JHL	ND
605-0322-A82 7390311	Hard grey seam sealant	Fan Room 216: Seam between the main section of MUA-3 and 74/36 O/A down duct. Photo 229 JHL	ND
605-0322-A83 7390312	Pliable grey seam sealant	Fan Room 216: The disconnected section of MUA-3, SE corner on seam before the flange with the bolted on plywood. Photo 235 JHL	ND
605-0322-A84 7390313	Pliable white seam putty	Fan Room 216: The abandoned reducing ducting laying on top of the disconnected portion of MUA-3, on the flange at the larger end. Photo 237 JHL	ND
605-0322-A85 7390314	Hard tan contact cement at black duct insulation	Fan Room 216: inside the abandoned reducing ducting laying on top of the disconnected portion of MUA-3, between the black insulation/lining and metal housing. Photo 240 JHL	ND
605-0322-A86 7390315	Hard tan cove base mastic of CB-3	Fan Room 216: unfinished GWB wall just inside door (west side). Photo 242 JHL	ND
605-0322-A87 7390316	White joint compound	Fan Room 216: SW corner on unfinished GWB, west of door. Photo 241 JHL	ND
605-0322-A88 7390317	White joint compound	First Floor Boiler Room: NW corner at shaft for former boiler flue, capped off at seam between green board and unfinished GWB. Photo 243 JHL	ND



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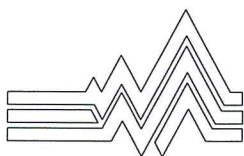
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605-0322-A89 7390010	Layer 1; white joint compound; white gypsum wall board + composite	First Floor Boiler Room: NW corner at shaft for former boiler flue, capped off at seam between green board and unfinished GWB. Photo 243 JHL	ND Both All three Layers
605-0322-A90 7390019	Layer 2; white gypsum wall board	First Floor Boiler Room: NW corner at shaft for former boiler flue, capped off at seam between green board and unfinished GWB. Photo 243 JHL	ND
605-0322-A91 7390020	CB-3: CB-3: 4" beige cove base, flexible; hard tan mastic	First Floor Boiler Room: north wall to the right of the entrance door along base of untextured GWB wall. Photo 246 JHL	ND Both Layers
605-0322-A92 7390021	Off-white joint compound	First Floor Courtroom 100: NE corner, base of GWB wall left of the door behind the cove base (CB-5). Photo 617 MKS	ND
605-0322-A93 7390022	White gypsum wall board + JC	First Floor Courtroom 100: NE corner, GWB wall left of the door near the intersection with the painted plywood exterior wall. Photo 618 MKS	ND Both Layers
605-0322-A94 7390023	Off-white joint compound	First Floor Courtroom 100: seam in the NW corner. Photo 620 MKS	ND
605-0322-A95 7390024	Pliable blue green carpet mastic	First Floor Courtroom 100: NW corner under the (mainly) blue short-shag carpet on concrete. Photo 621 MKS	ND
605-0322-A96 7390025	Pliable thin grey duct seam sealant	First Floor Courtroom 100: at duct penetration above the ceiling at left of center of the east wall. Photo 272 JHL	ND
605-0322-A97 7390026	White joint compound	First Floor Courtroom 100: Southeast corner inside storage closet and evidence room. Photo 283 JHL	ND
605-0322-A98 7390027	Pliable tan mastic of CB-5	First Floor Courtroom 100: inside on the right side of the door for storage closet and evidence room, base of GWB wall at conduit penetration in floor. Photo 284 JHL	ND
605-0322-A99 7390028	Pliable grey duct seam sealant	Second Floor Storage Room Area in same area as Men's locker room: Above wall common to women's locker room on larger painted white round metal exhaust duct at "Y". Photo 292 JHL	ND
605-0322-A100 7390029	White joint compound	Second Floor Storage Room Area in same area as Men's locker room: GWB wall common to the Women's showers (their SW corner). Photo 296 JHL	ND
605-0322-A101 7390030	Pliable grey duct seam sealant	Second Floor Storage Room Area in same area as Men's locker room: At round exhaust duct above wall to Men's Locker Room. Photo 301 JHL	ND



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FIELD SURVEY DATA

EHS SAMPLE NO. LAB ID NO	SAMPLE DESCRIPTION, (COLOR, MATERIAL TYPE, LAYERS, FRIABILITY)	LOCATION/COMMENTS (INCLUDING PHOTO/XREF)	RESULTS FOR EHS-ALASKA USE ONLY
605-0322-A102 7399331	Hard grey penetration sealant; hard white sealant	First Floor Electrical Room behind former kitchen, opposite side of hall to boiler room. North side at base of structural column and poured concrete floor. Photo 303 JHL	ND Both Layers
605-0322-A103 7399332	White joint compound	First Floor Electrical Room behind former kitchen, opposite side of hall to boiler room. East wall at corner to south wall. Photo 679 MKS	ND
605-0322-A104 7399333	Light brown cove base; hard tan mastic	First Floor Electrical Room behind former kitchen, opposite side of hall to boiler room. Middle of south wall near conduit protrusion from floor. Photo 680 MKS	ND Both Layers
605-0322-A105 7399334	Pliable grey green duct seam sealant	First Floor Holding Cells: Above ceiling through access hatch behind door to 2 nd holding cell, on larger round SA duct(?) aligned N-S. Photo 698 MKS	ND
605-0322-A106 7399335	Pliable white sealant	Second Floor to First Floor North Side Stairwell: North painted white plywood wall at top of landing in hallway, between stair and west wall for Clerk's Counter. Photo 307 JHL	ND
605-0322-A107 7399336	Pliable white sealant	Second Floor to First Floor North Stairwell: North painted white plywood wall between intermediate landing and 2 nd floor between steel girder and plywood. Photo 309 JHL	ND
605-0322-A108 7399337	White smoothing compound on plywood.	Second Floor to First Floor North Stairwell: North wall, smooth section of wall between intermediate landing and painted white steel girder. Photo 311 JHL	ND
605-0322-A109 7399338	Pliable tan mastic for 11/2" raised dot pattern gray rubber flooring	Second Floor to First Floor North Stairwell: Intermediate landing on concrete, along east wall, right of steel column. Photo 313 JHL	ND
605-0322-A110 7399339	White joint compound	First Floor to Second Floor North Stairwell: North wall corner of stairwell facing exit. Photo 317 JHL	ND
605-0322-A111 7399340	Hard tan mastic for 11/2" raised dot pattern rubberized flooring; leveling compound	First Floor to Second Floor South Stairwell: South quadrant of landing near stringer. Photo 489 MKS	ND Both Layers
605-0322-A112 7399341	Pliable tan mastic for 11/2" raised dot pattern rubberized flooring	First Floor to Second Floor South Stairwell: South quadrant of landing near stringer. Photo 489 MKS	ND
605-0322-A113 7399342	White joint compound	Second Floor Unfinished Space 202: West wall adjacent to Fan Room 216. Photo 415 MKS	ND
END	**END**	**END**	


CERTIFICATE OF ANALYSIS

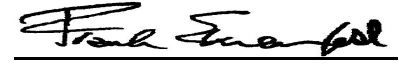
Client: EHS Alaska Incorporated 11901 Business Blvd., Ste 208 Eagle River AK 99577 Client: EHS511	Report Date: 4/8/2022 Report No.: 657485 - PLM Project: AK Court System Kotzebue Courthouse Renovation Project No.: 7768-01
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PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 7399230 Client No.: 605-0322-A01 <u>Percent Asbestos:</u> <i>None Detected</i> <u>No drywall present.</u>	Analyst Observation: White Joint Compound Client Description: White Joint Compound <u>Percent Non-Asbestos Fibrous Material:</u> None Detected	Location: Penthouse Fan Room: NW Corner Below The In-Floor Grate In The RA Shaft On Gypsum Wallboard (GWB).Pho Facility: <u>Percent Non-Fibrous Material:</u> 100
<hr style="border-top: 1px dashed black;"/>		
Lab No.: 7399231 Client No.: 605-0322-A02 <u>Percent Asbestos:</u> <i>None Detected</i>	Analyst Observation: Grey Sealant Client Description: Pliable Light-Grey Duct Seam Seal <u>Percent Non-Asbestos Fibrous Material:</u> None Detected	Location: Penthouse Fan Room: North Portion Of Duct From MUA-1, On Metal Duct Seam. Photo 02 JHL Facility: <u>Percent Non-Fibrous Material:</u> 100
<hr style="border-top: 1px dashed black;"/>		
Lab No.: 7399232 Client No.: 605-0322-A03 <u>Percent Asbestos:</u> <i>None Detected</i>	Analyst Observation: White Sealant Client Description: Pliable White Seam Seal At Mixing Seal <u>Percent Non-Asbestos Fibrous Material:</u> None Detected	Location: Penthouse Fan Room: SW Corner, Inside The Insulated Outside Air Damper Ducting, RA Mixing Chamber On Facility: <u>Percent Non-Fibrous Material:</u> 100
<hr style="border-top: 1px dashed black;"/>		
Lab No.: 7399233 Client No.: 605-0322-A04 <u>Percent Asbestos:</u> <i>None Detected</i>	Analyst Observation: Tan Mastic Client Description: Hard Tan Cove Base Mastic <u>Percent Non-Asbestos Fibrous Material:</u> None Detected	Location: Penthouse Fan Room: Concrete Landing At Base Of Stairs Leading To The Fan Room, Right Side Of GWB. P Facility: <u>Percent Non-Fibrous Material:</u> 100
<hr style="border-top: 1px dashed black;"/>		
Lab No.: 7399234 Client No.: 605-0322-A05 <u>Percent Asbestos:</u> <i>None Detected</i>	Analyst Observation: Lt Tan Cove Base Client Description: CB-3: 4' Beige Cove Base, Flexible <u>Percent Non-Asbestos Fibrous Material:</u> None Detected	Location: Penthouse Fan Room: Concrete Landing At Base Of Stairs Leading To The Fan Room, Right Side Of GWB. P Facility: <u>Percent Non-Fibrous Material:</u> 100

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 4/1/2022
 Date Analyzed: 04/08/2022
 Signature: 
 Analyst: Ellen Smith

Approved By: 
 Frank E. Ehrenfeld, III
 Laboratory Director


CERTIFICATE OF ANALYSIS

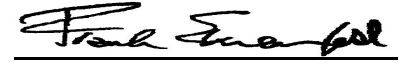
Client: EHS Alaska Incorporated 11901 Business Blvd., Ste 208 Eagle River AK 99577	Report Date: 4/8/2022 Report No.: 657485 - PLM Project: AK Court System Kotzebue Courthouse Renovation Project No.: 7768-01
Client: EHS511	

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 7399235 Client No.: 605-0322-A06	Analyst Observation: Brown Sealant Client Description: Pliable White Sealant At Stair Landing	Location: Penthouse Fan Room: Base Of Stairs Between The Cove And The GWB. PHoto 11 JHL Facility: Percent Non-Fibrous Material: 98
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> 2 Cellulose	
Lab No.: 7399236 Client No.: 605-0322-A07	Analyst Observation: Lt Tan Drywall Client Description: Beige Gypsum Wall Board	Location: Penthouse Fan Room: Base Of Wall At Landing. Photo 12 JHL Facility: Percent Non-Fibrous Material: 80
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> 20 Cellulose	
Lab No.: 7399236(L2) Client No.: 605-0322-A07	Analyst Observation: White Joint Compound Client Description: Beige Gypsum Wall Board	Location: Penthouse Fan Room: Base Of Wall At Landing. Photo 12 JHL Facility: Percent Non-Fibrous Material: 100
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	
Lab No.: 7399237 Client No.: 605-0322-A08	Analyst Observation: White Joint Compound Client Description: White Joint Compound	Location: Penthouse Fan Room: Base Of Wall At Landing. Photo 12 JHL Facility: Percent Non-Fibrous Material: 100
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	
<u>No drywall present.</u>		
Lab No.: 7399238 Client No.: 605-0322-A09	Analyst Observation: Lt Tan Drywall Client Description: White Joint Compound, Gypsum Wall Board	Location: Second Floor Men's Locker Room: Outside Shower Room, NW Corner Above The Wall Tiles Below The Cloth Facility: Percent Non-Fibrous Material: 40
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> 60 Cellulose	

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Signature: 
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Approved By: 
Frank E. Ehrenfeld, III
Laboratory Director

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Client: EHS Alaska Incorporated 11901 Business Blvd., Ste 208 Eagle River AK 99577 Client: EHS511	Report Date: 4/8/2022 Report No.: 657485 - PLM Project: AK Court System Kotzebue Courthouse Renovation Project No.: 7768-01
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PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 7399238(L2) Client No.: 605-0322-A09	Analyst Observation: White Joint Compound Client Description: White Joint Compound, Gypsum Wall Board	Location: Second Floor Men's Locker Room: Outside Shower Room, NW Corner Above The Wall Tiles Below The Cloth Facility: Percent Non-Fibrous Material: 100
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<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	<u>Percent Non-Fibrous Material:</u> 100
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Lab No.: 7399239 Client No.: 605-0322-A10	Analyst Observation: Lt Tan Drywall Client Description: White Joint Compound, Gypsum Wall Board	Location: Second Floor Men's Locker Room: Outside Shower Room, SE Corner Above The Wall Tiles. Photo 230 MKS Facility: Percent Non-Fibrous Material: 45
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<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> 55 Cellulose	<u>Percent Non-Fibrous Material:</u> 45
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Lab No.: 7399239(L2) Client No.: 605-0322-A10	Analyst Observation: White Joint Compound Client Description: White Joint Compound, Gypsum Wall Board	Location: Second Floor Men's Locker Room: Outside Shower Room, SE Corner Above The Wall Tiles. Photo 230 MKS Facility: Percent Non-Fibrous Material: 100
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<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	<u>Percent Non-Fibrous Material:</u> 100
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Lab No.: 7399240 Client No.: 605-0322-A11	Analyst Observation: Lt Tan Grout Client Description: Beige Grout From Ceramic Wall Tile	Location: Second Floor Men's Locker Room: Shower Room, Left Outside Corner Between Ceramic Wall Tiles, Photo 1 Facility: Percent Non-Fibrous Material: 100
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<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	<u>Percent Non-Fibrous Material:</u> 100
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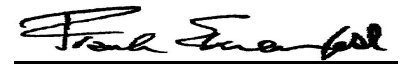
Lab No.: 7399240(L2) Client No.: 605-0322-A11	Analyst Observation: White Joint Compound Client Description: Beige Grout From Ceramic Wall Tile	Location: Second Floor Men's Locker Room: Shower Room, Left Outside Corner Between Ceramic Wall Tiles, Photo 1 Facility: Percent Non-Fibrous Material: 100
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<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	<u>Percent Non-Fibrous Material:</u> 100
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No drywall present.

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 4/1/2022
 Date Analyzed: 04/08/2022
 Signature: 
 Analyst: Ellen Smith

Approved By: 
 Frank E. Ehrenfeld, III
 Laboratory Director


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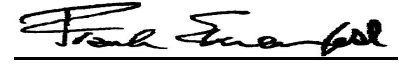
Client: EHS Alaska Incorporated 11901 Business Blvd., Ste 208 Eagle River AK 99577 Client: EHS511	Report Date: 4/8/2022 Report No.: 657485 - PLM Project: AK Court System Kotzebue Courthouse Renovation Project No.: 7768-01
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PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 7399241 Client No.: 605-0322-A12 <u>Percent Asbestos:</u> <i>None Detected</i>	Analyst Observation: Lt Tan Grout Client Description: Beige Grout; Pliable Tan Mastic From Ceramic Wall Tile <u>Percent Non-Asbestos Fibrous Material:</u> None Detected	Location: Second Floor Men's Locker Room: Shower Room, Left Outside Corner Behind Ceramic Wall Tiles, Photo 16 Facility: <u>Percent Non-Fibrous Material:</u> 100
Lab No.: 7399241(L2) Client No.: 605-0322-A12 <u>Percent Asbestos:</u> <i>None Detected</i>	Analyst Observation: Off-White Mastic Client Description: Beige Grout; Pliable Tan Mastic From Ceramic Wall Tile <u>Percent Non-Asbestos Fibrous Material:</u> None Detected	Location: Second Floor Men's Locker Room: Shower Room, Left Outside Corner Behind Ceramic Wall Tiles, Photo 16 Facility: <u>Percent Non-Fibrous Material:</u> 100
Lab No.: 7399241(L3) Client No.: 605-0322-A12 <u>Percent Asbestos:</u> <i>None Detected</i>	Analyst Observation: White Joint Compound Client Description: Beige Grout; Pliable Tan Mastic From Ceramic Wall Tile <u>Percent Non-Asbestos Fibrous Material:</u> None Detected	Location: Second Floor Men's Locker Room: Shower Room, Left Outside Corner Behind Ceramic Wall Tiles, Photo 16 Facility: <u>Percent Non-Fibrous Material:</u> 100
<u>No drywall present.</u>		
Lab No.: 7399242 Client No.: 605-0322-A13 <u>Percent Asbestos:</u> <i>None Detected</i>	Analyst Observation: White Sealant Client Description: Hard White Sealant <u>Percent Non-Asbestos Fibrous Material:</u> None Detected	Location: Second Floor Men's Locker Room: Middle Sink, Right Side Between Ceramic Sink And Ceramic Wall Tile. Facility: <u>Percent Non-Fibrous Material:</u> 100
Lab No.: 7399243 Client No.: 605-0322-A14 <u>Percent Asbestos:</u> <i>None Detected</i>	Analyst Observation: Lt Tan Grout Client Description: Beige Grout; Pliable Tan Mastic From Ceramic Wall Tile <u>Percent Non-Asbestos Fibrous Material:</u> None Detected	Location: Second Floor Men's Locker Room: Wall South Of Sinks, East Side Of Door, Behind The Paper Towel Dispe Facility: <u>Percent Non-Fibrous Material:</u> 100

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 4/1/2022
 Date Analyzed: 04/08/2022
 Signature: 
 Analyst: Ellen Smith

Approved By: 
 Frank E. Ehrenfeld, III
 Laboratory Director


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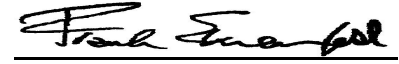
Client: EHS Alaska Incorporated 11901 Business Blvd., Ste 208 Eagle River AK 99577 Client: EHS511	Report Date: 4/8/2022 Report No.: 657485 - PLM Project: AK Court System Kotzebue Courthouse Renovation Project No.: 7768-01
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PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 7399243(L2) Client No.: 605-0322-A14 <u>Percent Asbestos:</u> <i>None Detected</i>	Analyst Observation: Off-White Mastic Client Description: Beige Grout; Pliable Tan Mastic From Ceramic Wall Tile <u>Percent Non-Asbestos Fibrous Material:</u> None Detected	Location: Second Floor Men's Locker Room: Wall South Of Sinks, East Side Of Door, Behind The Paper Towel Dispe Facility: <u>Percent Non-Fibrous Material:</u> 100
<hr style="border-top: 1px dashed black;"/>		
Lab No.: 7399244 Client No.: 605-0322-A15 <u>Percent Asbestos:</u> <i>None Detected</i>	Analyst Observation: Lt Tan Grout Client Description: Beige Grout; Pliable Tan Mastic From Ceramic Wall Tile <u>Percent Non-Asbestos Fibrous Material:</u> None Detected	Location: Second Floor Men's Locker Room: Wall South Of Sinks, East Side Of Door, Behind The Paper Towel Dispe Facility: <u>Percent Non-Fibrous Material:</u> 100
<hr style="border-top: 1px dashed black;"/>		
Lab No.: 7399244(L2) Client No.: 605-0322-A15 <u>Percent Asbestos:</u> <i>None Detected</i>	Analyst Observation: Off-White Mastic Client Description: Beige Grout; Pliable Tan Mastic From Ceramic Wall Tile <u>Percent Non-Asbestos Fibrous Material:</u> None Detected	Location: Second Floor Men's Locker Room: Wall South Of Sinks, East Side Of Door, Behind The Paper Towel Dispe Facility: <u>Percent Non-Fibrous Material:</u> 100
<hr style="border-top: 1px dashed black;"/>		
Lab No.: 7399245 Client No.: 605-0322-A16 <u>Percent Asbestos:</u> <i>None Detected</i>	Analyst Observation: Lt Tan Drywall Client Description: Beige Gypsum Wall Board <u>Percent Non-Asbestos Fibrous Material:</u> None Detected	Location: Second Floor Men's Locker Room: Wall South Of Sinks, East Side Of Door, Behind The Paper Towel Dispe Facility: <u>Percent Non-Fibrous Material:</u> 100
<hr style="border-top: 1px dashed black;"/>		
Note: No joint compound present Different Material analyzed than listed on the sample log.		
<hr style="border-top: 1px dashed black;"/>		
Lab No.: 7399246 Client No.: 605-0322-A17 <u>Percent Asbestos:</u> <i>None Detected</i>	Analyst Observation: Lt Tan Drywall Client Description: White Gypsum Wall Board <u>Percent Non-Asbestos Fibrous Material:</u> 10 Cellulose	Location: Second Floor Men's Locker Room: Wall South Of Sinks, East Side Of Door, Behind The Paper Towel Dispe Facility: <u>Percent Non-Fibrous Material:</u> 90

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 4/1/2022
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 Analyst: Ellen Smith

Approved By: 
 Frank E. Ehrenfeld, III
 Laboratory Director


CERTIFICATE OF ANALYSIS

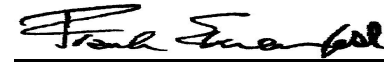
Client: EHS Alaska Incorporated 11901 Business Blvd., Ste 208 Eagle River AK 99577	Report Date: 4/8/2022 Report No.: 657485 - PLM Project: AK Court System Kotzebue Courthouse Renovation Project No.: 7768-01
Client: EHS511	

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 7399246(L2) Client No.: 605-0322-A17	Analyst Observation: White Joint Compound Client Description: White Gypsum Wall Board	Location: Second Floor Men's Locker Room: Wall South Of Sinks, East Side Of Door, Behind The Paper Towel Dispe Facility: <u>Percent Non-Fibrous Material:</u> 100
<u>Percent Asbestos:</u> None Detected	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	
Lab No.: 7399246(L3) Client No.: 605-0322-A17	Analyst Observation: Composite Client Description: White Gypsum Wall Board	Location: Second Floor Men's Locker Room: Wall South Of Sinks, East Side Of Door, Behind The Paper Towel Dispe Facility: <u>Percent Non-Fibrous Material:</u> 90
<u>Percent Asbestos:</u> None Detected	<u>Percent Non-Asbestos Fibrous Material:</u> 10 Cellulose	
Lab No.: 7399247 Client No.: 605-0322-A18	Analyst Observation: White Sealant Client Description: Pliable White Sealant	Location: Second Floor Men's Locker Room: Between The Left Urinal And The Ceramic Wall Tile, Top Edge. Photo 2 Facility: <u>Percent Non-Fibrous Material:</u> 100
<u>Percent Asbestos:</u> None Detected	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	
Lab No.: 7399248 Client No.: 605-0322-A19	Analyst Observation: White Joint Compound Client Description: White Joint Compound	Location: Second Floor Men's Locker Room: Above Top Right Side Of The 2nd Door Near The Stalls. Photo 33 JHL Facility: <u>Percent Non-Fibrous Material:</u> 100
<u>Percent Asbestos:</u> None Detected	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	
Lab No.: 7399249 Client No.: 605-0322-A20	Analyst Observation: Grey Cove Base Client Description: Pliable White Cove Base (CB-2) Mastic	Location: Second Floor Men's Locker Room: Base Of Wall, Left Side Of Door Into The Men's Toilet Room, Storage Facility: <u>Percent Non-Fibrous Material:</u> 100
<u>Percent Asbestos:</u> None Detected	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 4/1/2022
Date Analyzed: 04/08/2022
Signature: 
Analyst: Ellen Smith

Approved By: 
Frank E. Ehrenfeld, III
Laboratory Director

CERTIFICATE OF ANALYSIS

Client: EHS Alaska Incorporated 11901 Business Blvd., Ste 208 Eagle River AK 99577	Report Date: 4/8/2022 Report No.: 657485 - PLM Project: AK Court System Kotzebue Courthouse Renovation Project No.: 7768-01
Client: EHS511	

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 7399249(L2) Client No.: 605-0322-A20	Analyst Observation: Off-White Mastic Client Description: Pliable White Cove Base (CB-2) Mastic	Location: Second Floor Men's Locker Room: Base Of Wall, Left Side Of Door Into The Men's Toilet Room, Storage
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<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	<u>Percent Non-Fibrous Material:</u> 100
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Lab No.: 7399249(L3) Client No.: 605-0322-A20	Analyst Observation: White Joint Compound Client Description: Pliable White Cove Base (CB-2) Mastic	Location: Second Floor Men's Locker Room: Base Of Wall, Left Side Of Door Into The Men's Toilet Room, Storage
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<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	<u>Percent Non-Fibrous Material:</u> 100
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No drywall present.

Lab No.: 7399250 Client No.: 605-0322-A21	Analyst Observation: Grey Cove Base Client Description: CB-2: Light Grey Vinyl Cove Base	Location: Second Floor Men's Locker Room: Base Of Wall, Left Side Of Door Into The Men's Toilet Room, Storage
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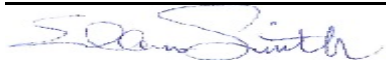
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	<u>Percent Non-Fibrous Material:</u> 100
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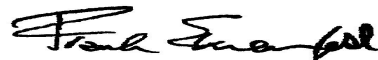
Lab No.: 7399251 Client No.: 605-0322-A22	Analyst Observation: White Joint Compound Client Description: White Joint Compound	Location: Second Floor Men's Locker Room: Base Of Wall, Right Side Of 2nd Door Into The Men's Toilet Room, Sto
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<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	<u>Percent Non-Fibrous Material:</u> 100
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No drywall present.

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 4/1/2022
Date Analyzed: 04/08/2022
Signature: 
Analyst: Ellen Smith

Approved By: 
Frank E. Ehrenfeld, III
Laboratory Director

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Client: EHS Alaska Incorporated 11901 Business Blvd., Ste 208 Eagle River AK 99577 Client: EHS511	Report Date: 4/8/2022 Report No.: 657485 - PLM Project: AK Court System Kotzebue Courthouse Renovation Project No.: 7768-01
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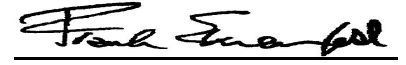
PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 7399252 Client No.: 605-0322-A23	Analyst Observation: Lt Tan Drywall Client Description: White Gypsum Wall Board	Location: Second Floor Men's Locker Room: Base Of Wall, Right Side Of 2nd Door Into The Men's Toilet Room, Sto Facility: <u>Percent Non-Fibrous Material:</u> 90																																													
<table border="0" style="width: 100%;"> <tr> <td style="width: 20%;"> <u>Percent Asbestos:</u> <i>None Detected</i> </td> <td style="width: 40%;"> <u>Percent Non-Asbestos Fibrous Material:</u> 10 Cellulose </td> <td style="width: 40%;"></td> </tr> </table>			<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> 10 Cellulose																																											
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Lab No.: 7399255 Client No.: 605-0322-A26	Analyst Observation: White Sealant Client Description: Hard White Sealant	Location: Second Floor Women's Locker Room: Shower Stall Partition To Textured GWB Wall. Photo 49 JHL Facility: <u>Percent Non-Fibrous Material:</u> 100																																													
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<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected																																														
<table border="0" style="width: 100%;"> <tr> <td style="width: 20%;"> Lab No.: 7399256 Client No.: 605-0322-A27 </td> <td style="width: 40%; vertical-align: top;"> Analyst Observation: White Joint Compound Client Description: White Joint Compound </td> <td style="width: 40%; vertical-align: top;"> Location: Second Floor Women's Locker Room: GWB Ceiling Above East Shower Stalls. Photo 51 JHL Facility: <u>Percent Non-Fibrous Material:</u> 100 </td> </tr> <tr> <td colspan="3" style="border-top: 1px dashed black;"> <table border="0" style="width: 100%;"> <tr> <td style="width: 20%;"> <u>Percent Asbestos:</u> <i>None Detected</i> </td> <td style="width: 40%;"> <u>Percent Non-Asbestos Fibrous Material:</u> None Detected </td> <td style="width: 40%;"></td> </tr> </table> </td> </tr> </table>			Lab No.: 7399256 Client No.: 605-0322-A27	Analyst Observation: White Joint Compound Client Description: White Joint Compound	Location: Second Floor Women's Locker Room: GWB Ceiling Above East Shower Stalls. Photo 51 JHL Facility: <u>Percent Non-Fibrous Material:</u> 100	<table border="0" style="width: 100%;"> <tr> <td style="width: 20%;"> <u>Percent Asbestos:</u> <i>None Detected</i> </td> <td style="width: 40%;"> <u>Percent Non-Asbestos Fibrous Material:</u> None Detected </td> <td style="width: 40%;"></td> </tr> </table>			<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected																																					
Lab No.: 7399256 Client No.: 605-0322-A27	Analyst Observation: White Joint Compound Client Description: White Joint Compound	Location: Second Floor Women's Locker Room: GWB Ceiling Above East Shower Stalls. Photo 51 JHL Facility: <u>Percent Non-Fibrous Material:</u> 100																																													
<table border="0" style="width: 100%;"> <tr> <td style="width: 20%;"> <u>Percent Asbestos:</u> <i>None Detected</i> </td> <td style="width: 40%;"> <u>Percent Non-Asbestos Fibrous Material:</u> None Detected </td> <td style="width: 40%;"></td> </tr> </table>			<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected																																											
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected																																														

No drywall present.

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 4/1/2022
 Date Analyzed: 04/08/2022
 Signature: 
 Analyst: Ellen Smith

Approved By: 
 Frank E. Ehrenfeld, III
 Laboratory Director

CERTIFICATE OF ANALYSIS

Client: EHS Alaska Incorporated
11901 Business Blvd., Ste 208
Eagle River AK 99577

Report Date: 4/8/2022
Report No.: 657485 - PLM
Project: AK Court System Kotzebue Courthouse
Renovation
Project No.: 7768-01

Client: EHS511

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 7399257 **Analyst Observation:** White Sealant **Location:** Second Floor Women's Locker
Client No.: 605-0322-A28 **Client Description:** Pliable White Sealant **Room:** Shower Tub Insert At Metal Wall
Partition, Top Of Curb. Photo 53 J

Facility:
Percent Asbestos: Percent Non-Asbestos Fibrous Material: Percent Non-Fibrous Material:
None Detected None Detected 100

Lab No.: 7399258 **Analyst Observation:** Lt Tan Grout **Location:** Second Floor Women's Locker
Client No.: 605-0322-A29 **Client Description:** Beige Grout Of Ceramic Cove Base Tile **Room:** Base Of East Wall, Left Of Center
On Back Side Of Ceramic Cove Bas

Facility:
Percent Asbestos: Percent Non-Asbestos Fibrous Material: Percent Non-Fibrous Material:
None Detected None Detected 100

Lab No.: 7399259 **Analyst Observation:** Off-White Mastic **Location:** Second Floor Women's Locker
Client No.: 605-0322-A30 **Client Description:** Pliable Tan Mastic At Ceramic Cove Base Tile **Room:** Base Of East Wall, Left Of Center
On Back Side Of Ceramic Cove Bas

Facility:
Percent Asbestos: Percent Non-Asbestos Fibrous Material: Percent Non-Fibrous Material:
None Detected None Detected 100

Lab No.: 7399260 **Analyst Observation:** White Joint Compound **Location:** Second Floor Women's Locker
Client No.: 605-0322-A31 **Client Description:** White Joint Compound **Room:** Wall Section Between The Toilet
Stalls And The Sinks, Above The Wa

Facility:
Percent Asbestos: Percent Non-Asbestos Fibrous Material: Percent Non-Fibrous Material:
None Detected None Detected 100


No drywall present.

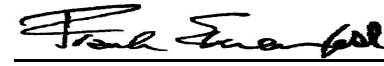
Lab No.: 7399261 **Analyst Observation:** White Joint Compound **Location:** Second Floor Women's Locker
Client No.: 605-0322-A32 **Client Description:** White Joint Compound **Room:** Wall-Ceiling Intersection On The
Portion Of Wall Straight In From

Facility:
Percent Asbestos: Percent Non-Asbestos Fibrous Material: Percent Non-Fibrous Material:
None Detected None Detected 100

No drywall present.

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 4/1/2022
Date Analyzed: 04/08/2022
Signature: 
Analyst: Ellen Smith

Approved By: 
Frank E. Ehrenfeld, III
Laboratory Director

CERTIFICATE OF ANALYSIS

Client: EHS Alaska Incorporated
11901 Business Blvd., Ste 208
Eagle River AK 99577

Report Date: 4/8/2022
Report No.: 657485 - PLM
Project: AK Court System Kotzebue Courthouse
Renovation
Project No.: 7768-01


Client: EHS511

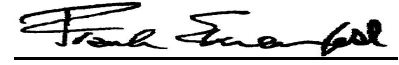
PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 7399262 Client No.: 605-0322-A33	Analyst Observation: Lt Tan Drywall Client Description: Beige Gypsum Wall Board	Location: Second Floor Women's Locker Room: Upper Wall Section At Corner Inside Entrance Door, North Side. Pho Facility: <u>Percent Non-Fibrous Material:</u> 85
<u>Percent Asbestos:</u> None Detected	<u>Percent Non-Asbestos Fibrous Material:</u> 15 Cellulose	
Lab No.: 7399262(L2) Client No.: 605-0322-A33	Analyst Observation: White Joint Compound Client Description: Beige Gypsum Wall Board	Location: Second Floor Women's Locker Room: Upper Wall Section At Corner Inside Entrance Door, North Side. Pho Facility: <u>Percent Non-Fibrous Material:</u> 100
<u>Percent Asbestos:</u> None Detected	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	
Lab No.: 7399263 Client No.: 605-0322-A34	Analyst Observation: Lt Tan Floor Tile Client Description: FT-1: 12" x 12" Cream Vinyl Floor Tile With White And Brown Streaks; Black Mastic	Location: Second Floor Women's Locker Room: Floor On The Left Side Along Base Of Wall Near Entrance To Women's Facility: <u>Percent Non-Fibrous Material:</u> 100
<u>Percent Asbestos:</u> None Detected	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	
Lab No.: 7399263(L2) Client No.: 605-0322-A34	Analyst Observation: Black Mastic Client Description: FT-1: 12" x 12" Cream Vinyl Floor Tile With White And Brown Streaks; Black Mastic	Location: Second Floor Women's Locker Room: Floor On The Left Side Along Base Of Wall Near Entrance To Women's Facility: <u>Percent Non-Fibrous Material:</u> 99
<u>Percent Asbestos:</u> None Detected	<u>Percent Non-Asbestos Fibrous Material:</u> 1 Cellulose	
Lab No.: 7399264 Client No.: 605-0322-A35	Analyst Observation: Off-White Floor Tile Client Description: FT-2: 12" x 12" Beige Vinyl Floor Tile With Birch Bark Pattern; Tan Mastic	Location: Second Floor Hall To Women's Locker Room: Floor On The Left Side Along Base Of Wall Near Entrance To Facility: <u>Percent Non-Fibrous Material:</u> 100
<u>Percent Asbestos:</u> None Detected	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	

Note: No mastic present

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 4/1/2022
Date Analyzed: 04/08/2022
Signature: 
Analyst: Ellen Smith

Approved By: 
Frank E. Ehrenfeld, III
Laboratory Director

CERTIFICATE OF ANALYSIS

Client: EHS Alaska Incorporated
11901 Business Blvd., Ste 208
Eagle River AK 99577

Report Date: 4/8/2022
Report No.: 657485 - PLM
Project: AK Court System Kotzebue Courthouse
Renovation
Project No.: 7768-01

Client: EHS511

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 7399265
Client No.: 605-0322-A36

Analyst Observation: Grey Cove Base
Client Description: CB-1: Grey Cove Base; Pliable White
Mastic

Location: Second Floor Hall To Women's
Locker Room: Base Of GWB Wall On The
Left Side Near Entrance To Women's

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
None Detected

Facility:
Percent Non-Fibrous Material:
100

Lab No.: 7399265(L2)
Client No.: 605-0322-A36

Analyst Observation: Off-White Mastic
Client Description: CB-1: Grey Cove Base; Pliable White
Mastic

Location: Second Floor Hall To Women's
Locker Room: Base Of GWB Wall On The
Left Side Near Entrance To Women's

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
None Detected

Facility:
Percent Non-Fibrous Material:
100

Lab No.: 7399265(L3)
Client No.: 605-0322-A36

Analyst Observation: Tan Mastic
Client Description: CB-1: Grey Cove Base; Pliable White
Mastic

Location: Second Floor Hall To Women's
Locker Room: Base Of GWB Wall On The
Left Side Near Entrance To Women's

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
None Detected

Facility:
Percent Non-Fibrous Material:
100

Lab No.: 7399265(L4)
Client No.: 605-0322-A36

Analyst Observation: White Joint Compound
Client Description: CB-1: Grey Cove Base; Pliable White
Mastic

Location: Second Floor Hall To Women's
Locker Room: Base Of GWB Wall On The
Left Side Near Entrance To Women's

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
None Detected

Facility:
Percent Non-Fibrous Material:
100

No drywall present.

Lab No.: 7399266
Client No.: 605-0322-A37

Analyst Observation: Grey Cove Base
Client Description: CB-2: Light Grey Cove Base; Pliable
White Mastic; Hard Tan Mastic


Location: Second Floor Hall To Women's
Locker Room: Base Of GWB Wall On The
Right Side Near Entrance To Women'

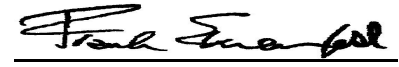
Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
None Detected

Facility:
Percent Non-Fibrous Material:
100

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 4/1/2022
Date Analyzed: 04/08/2022
Signature: 
Analyst: Ellen Smith

Approved By: 
Frank E. Ehrenfeld, III
Laboratory Director


CERTIFICATE OF ANALYSIS

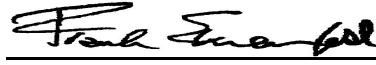
Client: EHS Alaska Incorporated 11901 Business Blvd., Ste 208 Eagle River AK 99577 Client: EHS511	Report Date: 4/8/2022 Report No.: 657485 - PLM Project: AK Court System Kotzebue Courthouse Renovation Project No.: 7768-01
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PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 7399266(L2) Client No.: 605-0322-A37 <u>Percent Asbestos:</u> <i>None Detected</i>	Analyst Observation: Off-White Mastic Client Description: CB-2: Light Grey Cove Base; Pliable White Mastic; Hard Tan Mastic <u>Percent Non-Asbestos Fibrous Material:</u> None Detected	Location: Second Floor Hall To Women's Locker Room: Base Of GWB Wall On The Right Side Near Entrance To Women' Facility: <u>Percent Non-Fibrous Material:</u> 100
Lab No.: 7399266(L3) Client No.: 605-0322-A37 <u>Percent Asbestos:</u> <i>None Detected</i>	Analyst Observation: White Joint Compound Client Description: CB-2: Light Grey Cove Base; Pliable White Mastic; Hard Tan Mastic <u>Percent Non-Asbestos Fibrous Material:</u> None Detected	Location: Second Floor Hall To Women's Locker Room: Base Of GWB Wall On The Right Side Near Entrance To Women' Facility: <u>Percent Non-Fibrous Material:</u> 100
No drywall present.		
Lab No.: 7399267 Client No.: 605-0322-A38 <u>Percent Asbestos:</u> <i>None Detected</i>	Analyst Observation: Grey Cove Base Client Description: CB-2: Light Grey Cove Base; Pliable White Mastic; Hard Tan Mastic <u>Percent Non-Asbestos Fibrous Material:</u> None Detected	Location: Second Floor Hall: Near Corner On The West Side, South Of Hall To Locker Room, On GWB. Photo 67 JHL Facility: <u>Percent Non-Fibrous Material:</u> 100
Lab No.: 7399267(L2) Client No.: 605-0322-A38 <u>Percent Asbestos:</u> <i>None Detected</i>	Analyst Observation: Tan Mastic Client Description: CB-2: Light Grey Cove Base; Pliable White Mastic; Hard Tan Mastic <u>Percent Non-Asbestos Fibrous Material:</u> None Detected	Location: Second Floor Hall: Near Corner On The West Side, South Of Hall To Locker Room, On GWB. Photo 67 JHL Facility: <u>Percent Non-Fibrous Material:</u> 100
Lab No.: 7399268 Client No.: 605-0322-A39 <u>Percent Asbestos:</u> <i>None Detected</i>	Analyst Observation: Grey Cove Base Client Description: CB-1: Grey Cove Base; Pliable White Mastic; Hard Tan Mastic <u>Percent Non-Asbestos Fibrous Material:</u> None Detected	Location: Second Floor Hall: Near Corner On The West Side, South Of Hall To Locker Room, On GWB. Photo 68 JHL Facility: <u>Percent Non-Fibrous Material:</u> 100

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 4/1/2022
 Date Analyzed: 04/08/2022
 Signature: 
 Analyst: Ellen Smith

Approved By: 
 Frank E. Ehrenfeld, III
 Laboratory Director

CERTIFICATE OF ANALYSIS

Client: EHS Alaska Incorporated 11901 Business Blvd., Ste 208 Eagle River AK 99577	Report Date: 4/8/2022 Report No.: 657485 - PLM Project: AK Court System Kotzebue Courthouse Renovation Project No.: 7768-01
Client: EHS511	

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 7399268(L2) Client No.: 605-0322-A39	Analyst Observation: Off-White Mastic Client Description: CB-1: Grey Cove Base; Pliable White Mastic; Hard Tan Mastic	Location: Second Floor Hall: Near Corner On The West Side, South Of Hall To Locker Room, On GWB. Photo 68 JHL
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<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	<u>Percent Non-Fibrous Material:</u> 100
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Lab No.: 7399268(L3) Client No.: 605-0322-A39	Analyst Observation: White Joint Compound Client Description: CB-1: Grey Cove Base; Pliable White Mastic; Hard Tan Mastic	Location: Second Floor Hall: Near Corner On The West Side, South Of Hall To Locker Room, On GWB. Photo 68 JHL
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<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	<u>Percent Non-Fibrous Material:</u> 100
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No drywall present.

Lab No.: 7399269 Client No.: 605-0322-A40	Analyst Observation: Lt Tan Floor Tile Client Description: FT-1: 12" x 12" Cream Vinyl Floor Tile With White And Brown Streaks; Black Mastic; Remnant Hard Tan	Location: Second Floor Hall: Near Corner On The West Side, South Of Hall To Locker Room, On Concrete. Photo 70
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<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	<u>Percent Non-Fibrous Material:</u> 100
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Insufficient black mastic to analyze.


Lab No.: 7399269(L2) Client No.: 605-0322-A40	Analyst Observation: Grey Mastic Client Description: FT-1: 12" x 12" Cream Vinyl Floor Tile With White And Brown Streaks; Black Mastic; Remnant Hard Tan	Location: Second Floor Hall: Near Corner On The West Side, South Of Hall To Locker Room, On Concrete. Photo 70
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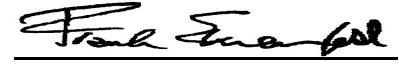
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	<u>Percent Non-Fibrous Material:</u> 100
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Lab No.: 7399270 Client No.: 605-0322-A41	Analyst Observation: Grey Cove Base Client Description: CB-2: Light Grey Cove Base; Remnant Hard Tan Mastic	Location: Second Floor Hall: South 3rd, East Side At Base Of Column, On GWB. Photo 74 JHL
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<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	<u>Percent Non-Fibrous Material:</u> 100
--	--	---

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 4/1/2022
Date Analyzed: 04/08/2022
Signature: 
Analyst: Ellen Smith

Approved By: 
Frank E. Ehrenfeld, III
Laboratory Director

CERTIFICATE OF ANALYSIS


Client: EHS Alaska Incorporated 11901 Business Blvd., Ste 208 Eagle River AK 99577 Client: EHS511	Report Date: 4/8/2022 Report No.: 657485 - PLM Project: AK Court System Kotzebue Courthouse Renovation Project No.: 7768-01
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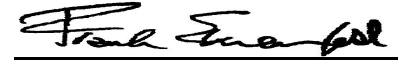
PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 7399270(L2) Client No.: 605-0322-A41	Analyst Observation: Tan Mastic Client Description: CB-2: Light Grey Cove Base; Remnant Hard Tan Mastic	Location: Second Floor Hall: South 3rd, East Side At Base Of Column, On GWB. Photo 74 JHL Facility: Percent Non-Fibrous Material: 100
<hr/>		
Lab No.: 7399271 Client No.: 605-0322-A42	Analyst Observation: Off-White Floor Tile Client Description: FT-1: 12" x 12" Cream Vinyl Floor Tile With White And Brown Streaks; Black Mastic	Location: Second Floor Hall: South 3rd, East Side At Base Of Column, On Concrete. Photo 78 JHL Facility: Percent Non-Fibrous Material: 100
<hr/>		
Lab No.: 7399271(L2) Client No.: 605-0322-A42	Analyst Observation: Black Mastic Client Description: FT-1: 12" x 12" Cream Vinyl Floor Tile With White And Brown Streaks; Black Mastic	Location: Second Floor Hall: South 3rd, East Side At Base Of Column, On Concrete. Photo 78 JHL Facility: Percent Non-Fibrous Material: 100
<hr/>		
Lab No.: 7399272 Client No.: 605-0322-A43	Analyst Observation: White Joint Compound Client Description: White Joint Compound	Location: Second Floor Hall: South 3rd, East Side At Base Of Column, On GWB. Photo 78 JHL Facility: Percent Non-Fibrous Material: 100
<hr/>		
No drywall present.		
Lab No.: 7399273 Client No.: 605-0322-A44	Analyst Observation: Lt Tan Drywall Client Description: Off-White Vinyl Gypsum Wall Board Panel; Tan Mastic	Location: Second Floor Hall: South 3rd, East Side, South Of Column, On Wall.. Photo 79 JHL Facility: Percent Non-Fibrous Material: 85

Note: No joint compound present

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 4/1/2022
 Date Analyzed: 04/08/2022
 Signature: 
 Analyst: Ellen Smith

Approved By: 
 Frank E. Ehrenfeld, III
 Laboratory Director


CERTIFICATE OF ANALYSIS

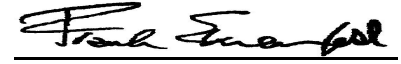
Client: EHS Alaska Incorporated 11901 Business Blvd., Ste 208 Eagle River AK 99577	Report Date: 4/8/2022 Report No.: 657485 - PLM Project: AK Court System Kotzebue Courthouse Renovation Project No.: 7768-01
Client: EHS511	

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 7399273(L2) Client No.: 605-0322-A44	Analyst Observation: Yellow Mastic Client Description: Off-White Vinyl Gypsum Wall Board Panel; Tan Mastic	Location: Second Floor Hall: South 3rd, East Side, South Of Column, On Wall.. Photo 79 JHL Facility: Percent Non-Fibrous Material: 100
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	
Lab No.: 7399274 Client No.: 605-0322-A45	Analyst Observation: Grey Cove Base Client Description: CB-1: Grey Cove Base; Pliable White Mastic; Hard Tan Mastic	Location: Second Floor Hall: North End, Base Of Wall, East Side Opposite Of Door To Clerk's Counter. Photo 80 Facility: Percent Non-Fibrous Material: 100
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	
Lab No.: 7399274(L2) Client No.: 605-0322-A45	Analyst Observation: Off-White/White Mastic/Joint Compound Client Description: CB-1: Grey Cove Base; Pliable White Mastic; Hard Tan Mastic	Location: Second Floor Hall: North End, Base Of Wall, East Side Opposite Of Door To Clerk's Counter. Photo 80 Facility: Percent Non-Fibrous Material: 100
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	
Lab No.: 7399275 Client No.: 605-0322-A46	Analyst Observation: Grey Cove Base Client Description: CB-2: Light Grey Cove Base; Pliable White Mastic; Hard Tan Mastic	Location: Second Floor Hall: North End, Base Of Column On GWB Wall, East Side Opposite Of Door To Clerk's Coun Facility: Percent Non-Fibrous Material: 100
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	
Lab No.: 7399275(L2) Client No.: 605-0322-A46	Analyst Observation: Off-White Mastic Client Description: CB-2: Light Grey Cove Base; Pliable White Mastic; Hard Tan Mastic	Location: Second Floor Hall: North End, Base Of Column On GWB Wall, East Side Opposite Of Door To Clerk's Coun Facility: Percent Non-Fibrous Material: 100
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 4/1/2022
Date Analyzed: 04/08/2022
Signature: 
Analyst: Ellen Smith

Approved By: 
Frank E. Ehrenfeld, III
Laboratory Director


CERTIFICATE OF ANALYSIS

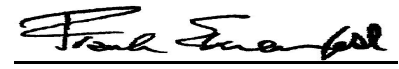
Client: EHS Alaska Incorporated 11901 Business Blvd., Ste 208 Eagle River AK 99577	Report Date: 4/8/2022 Report No.: 657485 - PLM Project: AK Court System Kotzebue Courthouse Renovation Project No.: 7768-01
Client: EHS511	

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 7399275(L3) Client No.: 605-0322-A46	Analyst Observation: White Joint Compound Client Description: CB-2: Light Grey Cove Base; Pliable White Mastic; Hard Tan Mastic	Location: Second Floor Hall: North End, Base Of Column On GWB Wall, East Side Opposite Of Door To Clerk's Coun Facility: <u>Percent Non-Fibrous Material:</u> 100
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	
<u>No drywall present.</u>		
Lab No.: 7399276 Client No.: 605-0322-A47	Analyst Observation: Off-White Floor Tile Client Description: FT-2: 12" x 12" Beige Vinyl Floor Tile With Birch Bark Pattern; Tan Mastic; Black Mastic	Location: Second Floor Hall: North End, Base Of Wall, East Side Opposite Of Door To Clerk's Counter, On Concre Facility: <u>Percent Non-Fibrous Material:</u> 100
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	
Lab No.: 7399276(L2) Client No.: 605-0322-A47	Analyst Observation: Black Mastic Client Description: FT-2: 12" x 12" Beige Vinyl Floor Tile With Birch Bark Pattern; Tan Mastic; Black Mastic	Location: Second Floor Hall: North End, Base Of Wall, East Side Opposite Of Door To Clerk's Counter, On Concre Facility: <u>Percent Non-Fibrous Material:</u> 99
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> 1 Cellulose	
Lab No.: 7399277 Client No.: 605-0322-A48	Analyst Observation: Lt Tan Floor Tile Client Description: FT-1: 12" x 12" Cream Vinyl Floor Tile With White And Brown Streaks; Black Mastic	Location: Second Floor Hall: North End, Base Of Wall, East Side Opposite Of Door To Clerk's Counter, On Concre Facility: <u>Percent Non-Fibrous Material:</u> 100
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	
Lab No.: 7399277(L2) Client No.: 605-0322-A48	Analyst Observation: Black Mastic Client Description: FT-1: 12" x 12" Cream Vinyl Floor Tile With White And Brown Streaks; Black Mastic	Location: Second Floor Hall: North End, Base Of Wall, East Side Opposite Of Door To Clerk's Counter, On Concre Facility: <u>Percent Non-Fibrous Material:</u> 99
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> 1 Cellulose	

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 4/1/2022
Date Analyzed: 04/08/2022
Signature: 
Analyst: Ellen Smith

Approved By: 
Frank E. Ehrenfeld, III
Laboratory Director

CERTIFICATE OF ANALYSIS

Client: EHS Alaska Incorporated
11901 Business Blvd., Ste 208
Eagle River AK 99577

Report Date: 4/8/2022
Report No.: 657485 - PLM
Project: AK Court System Kotzebue Courthouse
Renovation
Project No.: 7768-01

Client: EHS511

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 7399278
Client No.: 605-0322-A49

Analyst Observation: White Joint Compound
Client Description: White Joint Compound

Location: Second Floor Hall: North End,
Base Of Wall Above Gray Cove Base, East
Side Opposite Of Door To Clerk

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
None Detected

Facility:
Percent Non-Fibrous Material:
100

No drywall present.

Lab No.: 7399279
Client No.: 605-0322-A50

Analyst Observation: Grey Cove Base
Client Description: CB-1: Grey Cove Base; Hard Tan Mastic

Location: Second Floor Hall: North End,
Wall Common To Clerk's Counter, Left Of
Door On GWB. Photo 88 JHL

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
None Detected

Facility:
Percent Non-Fibrous Material:
100

Lab No.: 7399279(L2)
Client No.: 605-0322-A50

Analyst Observation: Off-White Mastic
Client Description: CB-1: Grey Cove Base; Hard Tan Mastic

Location: Second Floor Hall: North End,
Wall Common To Clerk's Counter, Left Of
Door On GWB. Photo 88 JHL

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
None Detected

Facility:
Percent Non-Fibrous Material:
100

Lab No.: 7399279(L3)
Client No.: 605-0322-A50

Analyst Observation: White Joint Compound
Client Description: CB-1: Grey Cove Base; Hard Tan Mastic

Location: Second Floor Hall: North End,
Wall Common To Clerk's Counter, Left Of
Door On GWB. Photo 88 JHL

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
None Detected

Facility:
Percent Non-Fibrous Material:
100

No drywall present.

Lab No.: 7399280
Client No.: 605-0322-A51

Analyst Observation: Off-White Mastic
Client Description: White Joint Compound


Location: Second Floor Hall: North End,
Wall Common To Clerk's Counter, Left Of
Door On GWB. Photo 89 JHL

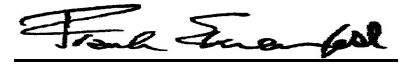
Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
None Detected

Facility:
Percent Non-Fibrous Material:
100

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 4/1/2022
Date Analyzed: 04/08/2022
Signature: 
Analyst: Ellen Smith

Approved By: 
Frank E. Ehrenfeld, III
Laboratory Director


CERTIFICATE OF ANALYSIS

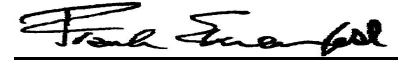
Client: EHS Alaska Incorporated 11901 Business Blvd., Ste 208 Eagle River AK 99577	Report Date: 4/8/2022 Report No.: 657485 - PLM Project: AK Court System Kotzebue Courthouse Renovation Project No.: 7768-01
Client: EHS511	

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 7399281 Client No.: 605-0322-A52	Analyst Observation: Lt Tan Drywall Client Description: White Gypsum Wall Board	Location: Second Floor Hall: North End, Wall Common To Clerk's Counter, Left Of Door On GWB. Photo 90 JHL Facility: <u>Percent Non-Fibrous Material:</u> 90
<u>Percent Asbestos:</u> None Detected	<u>Percent Non-Asbestos Fibrous Material:</u> 10 Cellulose	
Lab No.: 7399281(L2) Client No.: 605-0322-A52	Analyst Observation: White Joint Compound Client Description: White Gypsum Wall Board	Location: Second Floor Hall: North End, Wall Common To Clerk's Counter, Left Of Door On GWB. Photo 90 JHL Facility: <u>Percent Non-Fibrous Material:</u> 100
<u>Percent Asbestos:</u> None Detected	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	
Lab No.: 7399282 Client No.: 605-0322-A53	Analyst Observation: White Joint Compound Client Description: White Joint Compound	Location: Second Floor Clerks Office: On Nosing At The Corner Of The Partial Height Counter GWB Wall And The I Facility: <u>Percent Non-Fibrous Material:</u> 100
<u>Percent Asbestos:</u> None Detected	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	
<u>No drywall present.</u>		
Lab No.: 7399283 Client No.: 605-0322-A54	Analyst Observation: Grey Cove Base Client Description: CB-5: Dark Blue Cove Base; Pliable Off-White Mastic	Location: Second Floor Clerks Office: On Base Of The Partial Height Counter GWB Wall. Photo 96 JHL Facility: <u>Percent Non-Fibrous Material:</u> 100
<u>Percent Asbestos:</u> None Detected	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	
Lab No.: 7399283(L2) Client No.: 605-0322-A54	Analyst Observation: Off-White Mastic Client Description: CB-5: Dark Blue Cove Base; Pliable Off-White Mastic	Location: Second Floor Clerks Office: On Base Of The Partial Height Counter GWB Wall. Photo 96 JHL Facility: <u>Percent Non-Fibrous Material:</u> 100
<u>Percent Asbestos:</u> None Detected	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 4/1/2022
Date Analyzed: 04/08/2022
Signature: 
Analyst: Ellen Smith

Approved By: 
Frank E. Ehrenfeld, III
Laboratory Director

CERTIFICATE OF ANALYSIS


Client: EHS Alaska Incorporated 11901 Business Blvd., Ste 208 Eagle River AK 99577	Report Date: 4/8/2022 Report No.: 657485 - PLM Project: AK Court System Kotzebue Courthouse Renovation Project No.: 7768-01
Client: EHS511	

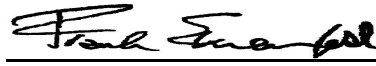
PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 7399284 Client No.: 605-0322-A55	Analyst Observation: White Joint Compound Client Description: White Joint Compound	Location: Second Floor Clerks Office: Copier/Storage Room 208, West GWB Wall, At Base Of Enclosed Column, Above Facility: Percent Non-Fibrous Material: 100
Percent Asbestos: <i>None Detected</i>	Percent Non-Asbestos Fibrous Material: None Detected	

No drywall present.

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 4/1/2022
Date Analyzed: 04/08/2022
Signature: 
Analyst: Ellen Smith

Approved By: 
Frank E. Ehrenfeld, III
Laboratory Director

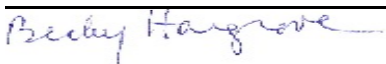
CERTIFICATE OF ANALYSIS

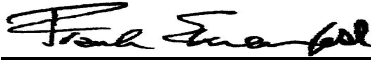
Client: EHS Alaska Incorporated 11901 Business Blvd., Ste 208 Eagle River AK 99577	Report Date: 4/8/2022 Report No.: 657485 - PLM Project: AK Court System Kotzebue Courthouse Renovation Project No.: 7768-01
Client: EHS511	

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 7399285 Client No.: 605-0322-A56	Analyst Observation: White Joint Compound Client Description: White Joint Compound	Location: Second Floor Clerks Office: Wing GWB Wall In Office Area Which Is An Extension Of The East Wall In T Facility: <u>Percent Non-Fibrous Material:</u> 100
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	
Lab No.: 7399286 Client No.: 605-0322-A57	Analyst Observation: Blue Cove Base Client Description: CB-5: Dark Blue Cove Base; Pliable Off-White Mastic	Location: Second Floor Clerks Office: Base Of GWB Wing Wall Between The Break/Copier Area And Office 207 (Cle Facility: <u>Percent Non-Fibrous Material:</u> 100
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	
Lab No.: 7399286(L2) Client No.: 605-0322-A57	Analyst Observation: Lt Tan Mastic Client Description: CB-5: Dark Blue Cove Base; Pliable Off-White Mastic	Location: Second Floor Clerks Office: Base Of GWB Wing Wall Between The Break/Copier Area And Office 207 (Cle Facility: <u>Percent Non-Fibrous Material:</u> 100
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	
Lab No.: 7399287 Client No.: 605-0322-A58	Analyst Observation: White Joint Compound Client Description: White Joint Compound	Location: Second Floor Clerks Office: Base Of The Wing GWB Wall Between The Break/Copier Area And Office 207 (Cle Facility: <u>Percent Non-Fibrous Material:</u> 100
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	
Lab No.: 7399288 Client No.: 605-0322-A59	Analyst Observation: Blue/Green Mastic Client Description: Pliable Blue Green Carpet Mastic	Location: Second Floor Clerks Office: At Elevated Wood Landing Outside Of 211 Ante Room At The Back Entrance T Facility: <u>Percent Non-Fibrous Material:</u> 100
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 4/1/2022
Date Analyzed: 04/08/2022
Signature: 
Analyst: Rebecca Hargrove

Approved By: 
Frank E. Ehrenfeld, III
Laboratory Director

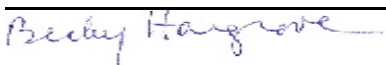
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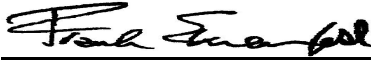
Client: EHS Alaska Incorporated 11901 Business Blvd., Ste 208 Eagle River AK 99577	Report Date: 4/8/2022 Report No.: 657485 - PLM Project: AK Court System Kotzebue Courthouse Renovation Project No.: 7768-01
Client: EHS511	

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 7399289 Client No.: 605-0322-A60	Analyst Observation: Black/Blue/Green Mastic Client Description: Pliable, Sticky, Blue Green Carpet Contact Cement; Remnant Black Mastic	Location: Second Floor Superior Courtroom: North Wall, West Side Of The Wood Diving Wall, On Concrete. Photo 1 Facility: <u>Percent Non-Fibrous Material:</u> 100
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	
Lab No.: 7399290 Client No.: 605-0322-A61	Analyst Observation: White Joint Compound Client Description: White Joint Compound	Location: Second Floor Superior Courtroom: Base Of North GWB Wall Behind CB-5, West Side Of The Wood Dividing Facility: <u>Percent Non-Fibrous Material:</u> 100
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	
Lab No.: 7399291 Client No.: 605-0322-A62	Analyst Observation: White/Tan Drywall Client Description: White Gypsum Wall Board	Location: Second Floor Superior Courtroom: Base Of South GWB Wall, East Of Door To Back Hall With The Locker R Facility: <u>Percent Non-Fibrous Material:</u> 83
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> 15 Cellulose 2 Fibrous Glass	
<u>Note: No joint compound present</u>		
Lab No.: 7399292 Client No.: 605-0322-A63	Analyst Observation: Black/Blue/Green Mastic Client Description: Pliable Blue Green Carpet Mastic; Remnant Black Mastic	Location: Second Floor Superior Courtroom: Base Of South GWB Wall, East Of Door To Back Hall With The Locker R Facility: <u>Percent Non-Fibrous Material:</u> 100
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	

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Date Received: 4/1/2022
Date Analyzed: 04/08/2022
Signature: 
Analyst: Rebecca Hargrove

Approved By: 
Frank E. Ehrenfeld, III
Laboratory Director

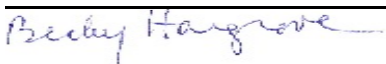
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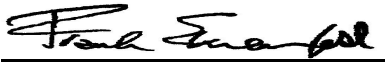
Client: EHS Alaska Incorporated 11901 Business Blvd., Ste 208 Eagle River AK 99577	Report Date: 4/8/2022 Report No.: 657485 - PLM Project: AK Court System Kotzebue Courthouse Renovation Project No.: 7768-01
Client: EHS511	

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 7399293 Client No.: 605-0322-A64	Analyst Observation: White/Tan Drywall Client Description: White Gypsum Wall Board	Location: Second Floor Ante Room: South Wall Near Door To Superior Courtroom. Photo 128 JHL Facility: Percent Non-Fibrous Material:
Percent Asbestos: <i>None Detected</i>	Percent Non-Asbestos Fibrous Material: 40 Cellulose 1 Fibrous Glass	59
Lab No.: 7399293(L2) Client No.: 605-0322-A64	Analyst Observation: White Joint Compound Client Description: White Gypsum Wall Board	Location: Second Floor Ante Room: South Wall Near Door To Superior Courtroom. Photo 128 JHL Facility: Percent Non-Fibrous Material:
Percent Asbestos: <i>None Detected</i>	Percent Non-Asbestos Fibrous Material: None Detected	100
Lab No.: 7399294 Client No.: 605-0322-A65	Analyst Observation: Blue Cove Base Client Description: CB-5: Dark Blue Cove Base; Hard Tan Mastic	Location: Second Floor Ante Room: South Wall Near Door To Superior Courtroom. Photo 129 JHL Facility: Percent Non-Fibrous Material:
Percent Asbestos: <i>None Detected</i>	Percent Non-Asbestos Fibrous Material: None Detected	100
Lab No.: 7399294(L2) Client No.: 605-0322-A65	Analyst Observation: Tan Mastic Client Description: CB-5: Dark Blue Cove Base; Hard Tan Mastic	Location: Second Floor Ante Room: South Wall Near Door To Superior Courtroom. Photo 129 JHL Facility: Percent Non-Fibrous Material:
Percent Asbestos: <i>None Detected</i>	Percent Non-Asbestos Fibrous Material: None Detected	100
Lab No.: 7399295 Client No.: 605-0322-A66	Analyst Observation: White Sealant Client Description: Pliable White Sealant	Location: Second Floor Jury Room: Between East Wall And Formica Countertop. Photo 132 JHL Facility: Percent Non-Fibrous Material:
Percent Asbestos: <i>None Detected</i>	Percent Non-Asbestos Fibrous Material: None Detected	100

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 4/1/2022
Date Analyzed: 04/08/2022
Signature: 
Analyst: Rebecca Hargrove

Approved By: 
Frank E. Ehrenfeld, III
Laboratory Director

CERTIFICATE OF ANALYSIS

Client: EHS Alaska Incorporated 11901 Business Blvd., Ste 208 Eagle River AK 99577 Client: EHS511	Report Date: 4/8/2022 Report No.: 657485 - PLM Project: AK Court System Kotzebue Courthouse Renovation Project No.: 7768-01
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PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 7399296 Client No.: 605-0322-A67	Analyst Observation: Black Sink Undercoating Client Description: Hard Black Sink Undercoating	Location: Second Floor Jury Room: Underside Of Stainless Steel Sink. Photo 133 JHL Facility: Percent Non-Fibrous Material: 100
Percent Asbestos: <i>None Detected</i>	Percent Non-Asbestos Fibrous Material: None Detected	

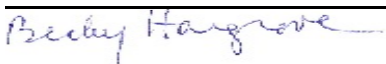
Lab No.: 7399297 Client No.: 605-0322-A68	Analyst Observation: Grey Cove Base Client Description: Grey Cove Base; Pliable White Mastic	Location: Second Floor Jury Room: Outside Corner Of GWB Wall Between Jury Room And Men's Shower Room. Photo 13 Facility: Percent Non-Fibrous Material: 100
Percent Asbestos: <i>None Detected</i>	Percent Non-Asbestos Fibrous Material: None Detected	

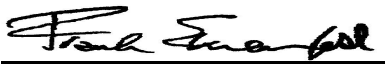
Lab No.: 7399297(L2) Client No.: 605-0322-A68	Analyst Observation: Off-White Mastic Client Description: Grey Cove Base; Pliable White Mastic	Location: Second Floor Jury Room: Outside Corner Of GWB Wall Between Jury Room And Men's Shower Room. Photo 13 Facility: Percent Non-Fibrous Material: 100
Percent Asbestos: <i>None Detected</i>	Percent Non-Asbestos Fibrous Material: None Detected	

Lab No.: 7399298 Client No.: 605-0322-A69	Analyst Observation: White Joint Compound Client Description: White Joint Compound	Location: Second Floor Jury Room: GWB Wall Common To The West Wall Of The Men's Shower Room. Photo 135 JHL Facility: Percent Non-Fibrous Material: 100
Percent Asbestos: <i>None Detected</i>	Percent Non-Asbestos Fibrous Material: None Detected	

Lab No.: 7399299 Client No.: 605-0322-A70	Analyst Observation: White Joint Compound Client Description: White Joint Compound	Location: Second Floor Hall: GWB Ceiling At Water Damaged Area Between The Mural And The South End Of The Open Facility: Percent Non-Fibrous Material: 100
Percent Asbestos: <i>None Detected</i>	Percent Non-Asbestos Fibrous Material: None Detected	

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Date Received: 4/1/2022
 Date Analyzed: 04/08/2022
 Signature: 
 Analyst: Rebecca Hargrove

Approved By: 
 Frank E. Ehrenfeld, III
 Laboratory Director

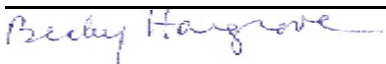
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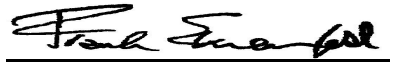
Client: EHS Alaska Incorporated 11901 Business Blvd., Ste 208 Eagle River AK 99577	Report Date: 4/8/2022 Report No.: 657485 - PLM Project: AK Court System Kotzebue Courthouse Renovation Project No.: 7768-01
Client: EHS511	

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 7399300 Client No.: 605-0322-A71	Analyst Observation: Grey/Green Sealant Client Description: Pliable Grey Green Duct Seam Sealant	Location: Penthouse Fan Room: Round Intake Air Duct For MAU-2, vertical Portion. Photo 149 JHL Facility: Percent Non-Fibrous Material: 100
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	
Lab No.: 7399301 Client No.: 605-0322-A72	Analyst Observation: Grey/Green Sealant Client Description: Pliable Grey Green Duct Seam Sealant	Location: Penthouse Fan Room: Seam Of MAU-1, East Side. Photo 150 JHL Facility: Percent Non-Fibrous Material: 100
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	
Lab No.: 7399302 Client No.: 605-0322-A73	Analyst Observation: Grey/Green Sealant Client Description: Pliable Grey Green Duct Seam Sealant	Location: Penthouse Fan Room: Exhaust Duct Seam For MAU-2, SE Corner. Photo 152 JHL Facility: Percent Non-Fibrous Material: 100
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	
Lab No.: 7399303 Client No.: 605-0322-A74	Analyst Observation: Grey/Green Sealant Client Description: Pliable Grey Green Duct Seam Sealant	Location: Penthouse Fan Room: Exhaust Fan 1 Round Duct Section Just Above The Vibration Joint, On Seam. Photo Facility: Percent Non-Fibrous Material: 100
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	
Lab No.: 7399304 Client No.: 605-0322-A75	Analyst Observation: Grey Sealant Client Description: Pliable Grey Duct Seam Sealant	Location: Second Floor Storage Room: Above Entrance On Top Side Of Rectangular Duct Running Above Ceiling To M Facility: Percent Non-Fibrous Material: 100
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 4/1/2022
Date Analyzed: 04/08/2022
Signature: 
Analyst: Rebecca Hargrove

Approved By: 
Frank E. Ehrenfeld, III
Laboratory Director

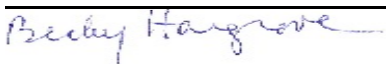
CERTIFICATE OF ANALYSIS

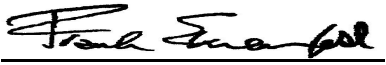
Client: EHS Alaska Incorporated 11901 Business Blvd., Ste 208 Eagle River AK 99577	Report Date: 4/8/2022 Report No.: 657485 - PLM Project: AK Court System Kotzebue Courthouse Renovation Project No.: 7768-01
Client: EHS511	

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 7399305 Client No.: 605-0322-A76	Analyst Observation: Grey Sealant Client Description: Pliable Grey Duct Seam Sealant	Location: Second Floor Jury Room: Square Duct Penetrating Wall Common To Men's Shower, Above Ceiling. Photo 21 Facility: <u>Percent Non-Fibrous Material:</u> 100
<u>Percent Asbestos:</u> None Detected	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	
Lab No.: 7399306 Client No.: 605-0322-A77	Analyst Observation: White Drywall Client Description: White Gypsum Wall Board	Location: Second Floor Jury Room: N-S Portion Of GWB Wall Above Ceiling And Common To The East Wall Of The Men Facility: <u>Percent Non-Fibrous Material:</u> 98
<u>Percent Asbestos:</u> None Detected	<u>Percent Non-Asbestos Fibrous Material:</u> 2 Cellulose	
Note: No joint compound present		
Lab No.: 7399307 Client No.: 605-0322-A78	Analyst Observation: Grey Sealant Client Description: Hard Grey Seam Sealant	Location: Fan Room 216: Section Of Along The Vibration Cloth With The Piece Of Plywood And Main Husing For MUA Facility: <u>Percent Non-Fibrous Material:</u> 100
<u>Percent Asbestos:</u> None Detected	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	
Lab No.: 7399308 Client No.: 605-0322-A79	Analyst Observation: White Sealant Client Description: Hard White Sealant	Location: Fan Room 216: South Side Of The Main Section Of MUA-3, On Top Right Seam. Photo 218 JHL Facility: <u>Percent Non-Fibrous Material:</u> 100
<u>Percent Asbestos:</u> None Detected	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	
Lab No.: 7399309 Client No.: 605-0322-A80	Analyst Observation: White Wrap Client Description: White Thick-Weave Duct Wrap	Location: Fan Room 216: On The Insulated Section Of Before The 74-36 O/A Down Duct On MUA-3. Photo 222 JHL Facility: <u>Percent Non-Fibrous Material:</u> 20
<u>Percent Asbestos:</u> None Detected	<u>Percent Non-Asbestos Fibrous Material:</u> 40 Cellulose 40 Fibrous Glass	

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Date Received: 4/1/2022
Date Analyzed: 04/08/2022
Signature: 
Analyst: Rebecca Hargrove

Approved By: 
Frank E. Ehrenfeld, III
Laboratory Director

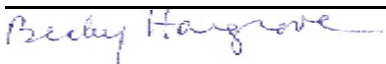
CERTIFICATE OF ANALYSIS

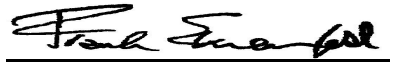
Client: EHS Alaska Incorporated 11901 Business Blvd., Ste 208 Eagle River AK 99577	Report Date: 4/8/2022 Report No.: 657485 - PLM Project: AK Court System Kotzebue Courthouse Renovation Project No.: 7768-01
Client: EHS511	

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 7399310 Client No.: 605-0322-A81	Analyst Observation: Black Mastic Client Description: Hard Black Mastic	Location: Fan Room 216: Inside Face Of Access Door To MUA-3 Between Yellow Insulation And Metal Door. Photo 22 Facility: <u>Percent Non-Fibrous Material:</u> 100
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	
Lab No.: 7399311 Client No.: 605-0322-A82	Analyst Observation: Grey Sealant Client Description: Hard Grey Seam Sealant	Location: Fan Room 216: Seam Between The Main Section Of MUA-3 And 74/36 O/A Down Duct. Photo 229 JHL Facility: <u>Percent Non-Fibrous Material:</u> 100
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	
Lab No.: 7399312 Client No.: 605-0322-A83	Analyst Observation: Grey Sealant Client Description: Pliable Grey Seam Sealant	Location: Fan Room 216: The Disconnected Section Of The MUA-3, SE Corner On Seam Before The Flange With The Bo Facility: <u>Percent Non-Fibrous Material:</u> 100
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	
Lab No.: 7399313 Client No.: 605-0322-A84	Analyst Observation: Off-White Putty Client Description: Pliable White Seam Putty	Location: Fan Room 216: The Abandoned Reducing Ducting Laying On Top Of The Disconnected Portion Of MUA-3, On Facility: <u>Percent Non-Fibrous Material:</u> 100
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	
Lab No.: 7399314 Client No.: 605-0322-A85	Analyst Observation: Brown Mastic Client Description: Hard Tan Contact Cement At Black Duct Insulation	Location: Fan Room 216: Inside The Abandoned Reducing Ducting Laying On Top Of The Disconnected Portion Of MUA Facility: <u>Percent Non-Fibrous Material:</u> 100
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 4/1/2022
Date Analyzed: 04/08/2022
Signature: 
Analyst: Rebecca Hargrove

Approved By: 
Frank E. Ehrenfeld, III
Laboratory Director

CERTIFICATE OF ANALYSIS

Client: EHS Alaska Incorporated
11901 Business Blvd., Ste 208
Eagle River AK 99577

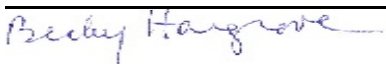
Report Date: 4/8/2022
Report No.: 657485 - PLM
Project: AK Court System Kotzebue Courthouse
Renovation
Project No.: 7768-01

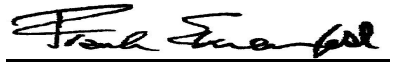
Client: EHS511

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 7399315 Client No.: 605-0322-A86	Analyst Observation: Brown Mastic Client Description: Hard Tan Cove Base Mastic Of CB-3	Location: Fan Room 216: Unfinished GWB Wall Just Inside Door (West Side). Photo 242 JHL Facility: Percent Non-Fibrous Material: 100
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	
Lab No.: 7399316 Client No.: 605-0322-A87	Analyst Observation: White Joint Compound Client Description: White Joint Compound	Location: Fan Room 216: SW Corner On Unfinished GWB, West Of Door. Photo 241 JHL Facility: Percent Non-Fibrous Material: 100
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	
Lab No.: 7399317 Client No.: 605-0322-A88	Analyst Observation: White Joint Compound Client Description: White Joint Compound	Location: First Floor Boiler Room: NW Corner At Shaft For Former Boiler Flue, Capped Off At Seam Between Green Facility: Percent Non-Fibrous Material: 100
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	
Lab No.: 7399318 Client No.: 605-0322-A89	Analyst Observation: White/Tan Drywall Client Description: Layer 1; White Joint Compound; White Gypsum Wall Board	Location: First Floor Boiler Room: NW Corner At Shaft For Former Boiler Flue, Capped Off At Seam Between Green Facility: Percent Non-Fibrous Material: 65
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> 35 Cellulose	
Lab No.: 7399318(L2) Client No.: 605-0322-A89	Analyst Observation: White Joint Compound Client Description: Layer 1; White Joint Compound; White Gypsum Wall Board	Location: First Floor Boiler Room: NW Corner At Shaft For Former Boiler Flue, Capped Off At Seam Between Green Facility: Percent Non-Fibrous Material: 100
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	

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Date Received: 4/1/2022
Date Analyzed: 04/08/2022
Signature: 
Analyst: Rebecca Hargrove

Approved By: 
Frank E. Ehrenfeld, III
Laboratory Director

CERTIFICATE OF ANALYSIS

Client: EHS Alaska Incorporated 11901 Business Blvd., Ste 208 Eagle River AK 99577 Client: EHS511	Report Date: 4/8/2022 Report No.: 657485 - PLM Project: AK Court System Kotzebue Courthouse Renovation Project No.: 7768-01
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PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 7399318(L3) Client No.: 605-0322-A89	Analyst Observation: Composite Client Description: Layer 1; White Joint Compound; White Gypsum Wall Board	Location: First Floor Boiler Room: NW Corner At Shaft For Former Boiler Flue, Capped Off At Seam Between Green
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<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> 30 Cellulose	<u>Percent Non-Fibrous Material:</u> 70
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Lab No.: 7399319 Client No.: 605-0322-A90	Analyst Observation: White/Tan Drywall Client Description: Layer 2; White Gypsum Wall Board	Location: First Floor Boiler Room: NW Corner At Shaft For Former Boiler Flue, Capped Off At Seam Between Green
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<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> 15 Cellulose	<u>Percent Non-Fibrous Material:</u> 85
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Note: No joint compound present

Lab No.: 7399320 Client No.: 605-0322-A91	Analyst Observation: Off-White Cove Base Client Description: CB-3: CB-3: 4" Beige Cove Base, Flexible; Hard Tan Mastic	Location: First Floor Boiler Room: North Wall To The Right Of The Entrance Door Along Base Of Untextured GWB W
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<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	<u>Percent Non-Fibrous Material:</u> 100
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Lab No.: 7399320(L2) Client No.: 605-0322-A91	Analyst Observation: Brown Mastic Client Description: CB-3: CB-3: 4" Beige Cove Base, Flexible; Hard Tan Mastic	Location: First Floor Boiler Room: North Wall To The Right Of The Entrance Door Along Base Of Untextured GWB W
--	--	---

<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	<u>Percent Non-Fibrous Material:</u> 100
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Lab No.: 7399321 Client No.: 605-0322-A92	Analyst Observation: Off-White Joint Compound Client Description: Off-White Joint Compound	Location: First Floor Courtroom 100: NE Corner, Base Of GWB Wall Left Of The Door Behind The Cove Base (CB-5).
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<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	<u>Percent Non-Fibrous Material:</u> 100
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Date Received: 4/1/2022
 Date Analyzed: 04/08/2022
 Signature: *Rebecca Hargrove*
 Analyst: Rebecca Hargrove

Approved By: *Frank E. Ehrenfeld, III*
 Frank E. Ehrenfeld, III
 Laboratory Director

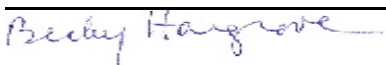
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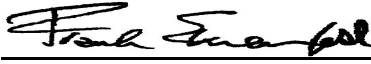
Client: EHS Alaska Incorporated 11901 Business Blvd., Ste 208 Eagle River AK 99577	Report Date: 4/8/2022 Report No.: 657485 - PLM Project: AK Court System Kotzebue Courthouse Renovation Project No.: 7768-01
Client: EHS511	

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 7399322 Client No.: 605-0322-A93	Analyst Observation: White/Tan Drywall Client Description: White Gypsum Wall Board	Location: First Floor Courtroom 100: NE Corner, GWB Wall Left Of The Door Near The Intersection With The Paint Facility: <u>Percent Non-Fibrous Material:</u> 64
<u>Percent Asbestos:</u> None Detected	<u>Percent Non-Asbestos Fibrous Material:</u> 35 Cellulose 1 Fibrous Glass	
Lab No.: 7399322(L2) Client No.: 605-0322-A93	Analyst Observation: White Joint Compound Client Description: White Gypsum Wall Board	Location: First Floor Courtroom 100: NE Corner, GWB Wall Left Of The Door Near The Intersection With The Paint Facility: <u>Percent Non-Fibrous Material:</u> 100
<u>Percent Asbestos:</u> None Detected	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	
Lab No.: 7399323 Client No.: 605-0322-A94	Analyst Observation: White Joint Compound Client Description: Off-White Joint Compound	Location: First Floor Courtroom 100: Seam In The NW Corner. Photo 620 MKS Facility: <u>Percent Non-Fibrous Material:</u> 100
<u>Percent Asbestos:</u> None Detected	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	
Lab No.: 7399324 Client No.: 605-0322-A95	Analyst Observation: Blue/Green Mastic Client Description: Pliable Blue Green Carpet Mastic	Location: First Floor Courtroom 100: NE Corner Under The (Mainly) Blue Short-Shag Carpet On Concrete. Photo 62 Facility: <u>Percent Non-Fibrous Material:</u> 100
<u>Percent Asbestos:</u> None Detected	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	
Lab No.: 7399325 Client No.: 605-0322-A96	Analyst Observation: Grey Sealant Client Description: Pliable Thin Grey Duct Seam Sealant	Location: First Floor Courtroom 100: At Duct Penetration Above The Ceiling At Left Of Center Of The East Wall. Facility: <u>Percent Non-Fibrous Material:</u> 100
<u>Percent Asbestos:</u> None Detected	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	

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Analyst: Rebecca Hargrove

Approved By: 
Frank E. Ehrenfeld, III
Laboratory Director

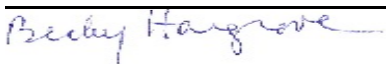
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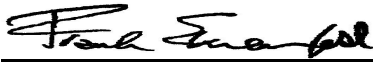
Client: EHS Alaska Incorporated 11901 Business Blvd., Ste 208 Eagle River AK 99577	Report Date: 4/8/2022 Report No.: 657485 - PLM Project: AK Court System Kotzebue Courthouse Renovation Project No.: 7768-01
Client: EHS511	

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 7399326 Client No.: 605-0322-A97	Analyst Observation: White Joint Compound Client Description: White Joint Compound	Location: First Floor Courtroom 100: Southeast Corner Inside Storage Closet And Evidence Room. Photo 283 JHL Facility: <u>Percent Non-Fibrous Material:</u> 100
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	
Lab No.: 7399327 Client No.: 605-0322-A98	Analyst Observation: Tan Mastic Client Description: Pliable Tan Mastic Of CB-5	Location: First Floor Courtroom 100: Inside On The Right Side Of The Door For Storage Closet And Evidence Room Facility: <u>Percent Non-Fibrous Material:</u> 100
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	
Lab No.: 7399328 Client No.: 605-0322-A99	Analyst Observation: Grey Sealant Client Description: Pliable Grey Duct Seam Sealant	Location: Second Floor Storage Room Area In Same Area As Men's Locker Room: Above Wall Common To Women's Locke Facility: <u>Percent Non-Fibrous Material:</u> 100
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	
Lab No.: 7399329 Client No.: 605-0322-A100	Analyst Observation: White Joint Compound Client Description: White Joint Compound	Location: Second Floor Storage Room Area In Same Area As Men's Locker Room: GWB Wall Common To The Women's Sho Facility: <u>Percent Non-Fibrous Material:</u> 100
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	
Lab No.: 7399330 Client No.: 605-0322-A101	Analyst Observation: Grey Sealant Client Description: Pliable Grey Duct Seam Sealant	Location: Second Floor Storage Room Area In Same Area As Men's Locker Room: At Round Exhaust Duct Above Wall T Facility: <u>Percent Non-Fibrous Material:</u> 100
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	

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Signature: 
Analyst: Rebecca Hargrove

Approved By: 
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Laboratory Director

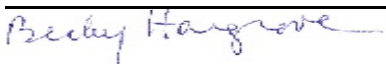
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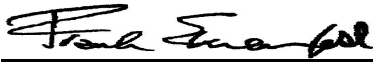
Client: EHS Alaska Incorporated 11901 Business Blvd., Ste 208 Eagle River AK 99577	Report Date: 4/8/2022 Report No.: 657485 - PLM Project: AK Court System Kotzebue Courthouse Renovation Project No.: 7768-01
Client: EHS511	

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 7399331 Client No.: 605-0322-A102	Analyst Observation: White Sealant Client Description: Hard Grey Penetration Sealant; Hard White Sealant	Location: First Floor Electrical Room Behind Former Kitchen, Opposite Side Of Hall To Boiler Room. North Side Facility: Percent Non-Fibrous Material: 100
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	
Lab No.: 7399331(L2) Client No.: 605-0322-A102	Analyst Observation: Grey Cementitious Client Description: Hard Grey Penetration Sealant; Hard White Sealant	Location: First Floor Electrical Room Behind Former Kitchen, Opposite Side Of Hall To Boiler Room. North Side Facility: Percent Non-Fibrous Material: 100
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	
Lab No.: 7399332 Client No.: 605-0322-A103	Analyst Observation: White Joint Compound Client Description: White Joint Compound	Location: First Floor Electrical Room Behind Former Kitchen, Opposite Side Of Hall To Boiler Room. East Wall A Facility: Percent Non-Fibrous Material: 100
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	
Lab No.: 7399333 Client No.: 605-0322-A104	Analyst Observation: Lt Tan Cove Base Client Description: Light Brown cove Base; Hard Tan Mastic	Location: First Floor Electrical Room Behind Former Kitchen, Opposite Side Of Hall To Boiler Room. Middle Of S Facility: Percent Non-Fibrous Material: 100
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	
Lab No.: 7399333(L2) Client No.: 605-0322-A104	Analyst Observation: Brown Mastic Client Description: Light Brown cove Base; Hard Tan Mastic	Location: First Floor Electrical Room Behind Former Kitchen, Opposite Side Of Hall To Boiler Room. Middle Of S Facility: Percent Non-Fibrous Material: 100
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	

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Laboratory Director

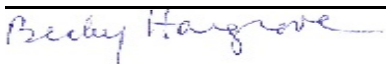
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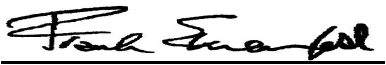
Client: EHS Alaska Incorporated 11901 Business Blvd., Ste 208 Eagle River AK 99577 Client: EHS511	Report Date: 4/8/2022 Report No.: 657485 - PLM Project: AK Court System Kotzebue Courthouse Renovation Project No.: 7768-01
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PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 7399334 Client No.: 605-0322-A105	Analyst Observation: Grey/Green Sealant Client Description: Pliable Grey Green Duct Seam Sealant	Location: First Floor Holding Cells: Above Ceiling Through Access Hatch Behind Door To 2nd Holding Cell, On La Facility: Percent Non-Fibrous Material: 100
Percent Asbestos: <i>None Detected</i>	Percent Non-Asbestos Fibrous Material: None Detected	
Lab No.: 7399335 Client No.: 605-0322-A106	Analyst Observation: White Sealant Client Description: Pliable White Sealant	Location: Second Floor To First Floor North Side Stairwell: North Painted White Plywood Wall At Top Of Landing Facility: Percent Non-Fibrous Material: 100
Percent Asbestos: <i>None Detected</i>	Percent Non-Asbestos Fibrous Material: None Detected	
Lab No.: 7399336 Client No.: 605-0322-A107	Analyst Observation: White Joint Compound Client Description: Pliable White Sealant	Location: Second Floor To First Floor North Side Stairwell: North Painted White Plywood Wall Between Intermedi Facility: Percent Non-Fibrous Material: 100
Percent Asbestos: <i>None Detected</i>	Percent Non-Asbestos Fibrous Material: None Detected	
Lab No.: 7399337 Client No.: 605-0322-A108	Analyst Observation: White Joint Compound Client Description: White Smoothing Compound On Plywood	Location: Second Floor To First Floor North Stairwell: North Wall, Smooth Section Of Wall Between Intermediate Facility: Percent Non-Fibrous Material: 100
Percent Asbestos: <i>None Detected</i>	Percent Non-Asbestos Fibrous Material: None Detected	
Lab No.: 7399338 Client No.: 605-0322-A109	Analyst Observation: Tan Mastic Client Description: Pliable Tan Mastic For 1 1/2" Raised Dot Pattern Gray Rubber Flooring	Location: Second Floor To First Floor North Stairwell: Intermediate landing On Concrete, Along East Wall, Righ Facility: Percent Non-Fibrous Material: 100
Percent Asbestos: <i>None Detected</i>	Percent Non-Asbestos Fibrous Material: None Detected	

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 Laboratory Director

CERTIFICATE OF ANALYSIS

Client: EHS Alaska Incorporated 11901 Business Blvd., Ste 208 Eagle River AK 99577 Client: EHS511	Report Date: 4/8/2022 Report No.: 657485 - PLM Project: AK Court System Kotzebue Courthouse Renovation Project No.: 7768-01
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PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 7399339 Client No.: 605-0322-A110	Analyst Observation: White Joint Compound Client Description: White Joint Compound	Location: First Floor To Second Floor North Stairwell: North Wall Corner Of Stairwell Facing Exit. Photo 317 J Facility: <u>Percent Non-Fibrous Material:</u> 100
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	

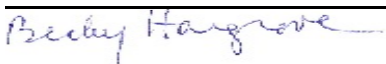
Lab No.: 7399340 Client No.: 605-0322-A111	Analyst Observation: Tan Mastic Client Description: Hard Tan mastic For 1 1/2" Raised Dot Pattern Rubberized Flooring; Leveling Compound	Location: First Floor To Second Floor South Stairwell: South Quadrant Of Landing Near Stinger. Photo 489 MKS Facility: <u>Percent Non-Fibrous Material:</u> 100
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	

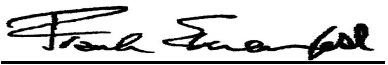
Lab No.: 7399340(L2) Client No.: 605-0322-A111	Analyst Observation: Grey Leveling Compound Client Description: Hard Tan mastic For 1 1/2" Raised Dot Pattern Rubberized Flooring; Leveling Compound	Location: First Floor To Second Floor South Stairwell: South Quadrant Of Landing Near Stinger. Photo 489 MKS Facility: <u>Percent Non-Fibrous Material:</u> 100
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	

Lab No.: 7399341 Client No.: 605-0322-A112	Analyst Observation: Tan Mastic Client Description: Pliable Tan Mastic For 1 1/2" Raised Dot Pattern Rubberized Flooring	Location: First Floor To Second Floor South Stairwell: South Quadrant Of Landing Near Stinger. Photo 489 MKS Facility: <u>Percent Non-Fibrous Material:</u> 100
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	

Lab No.: 7399342 Client No.: 605-0322-A113	Analyst Observation: White Joint Compound Client Description: White Joint Compound	Location: Second Floor Unfinished Space 202: West Wall Adjacent To Fan Room 216. Photo 415 MKS Facility: <u>Percent Non-Fibrous Material:</u> 100
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	

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 Signature: 
 Analyst: Rebecca Hargrove

Approved By: 
 Frank E. Ehrenfeld, III
 Laboratory Director

CERTIFICATE OF ANALYSIS

Client: EHS Alaska Incorporated
11901 Business Blvd., Ste 208
Eagle River AK 99577

Report Date: 4/8/2022
Report No.: 657485 - PLM
Project: AK Court System Kotzebue Courthouse
Renovation
Project No.: 7768-01

Client: EHS511

Appendix to Analytical Report

Customer Contact: Cali Swatowski

Method: 40 CFR Appendix E to Subpart E of Part 763, interim method for the Determination of Asbestos in Bulk Insulation Samples, USEPA 600, R93-116 and NYSDOH ELAP 198.1 as needed.

This appendix seeks to promote greater understanding of any observations, exceptions, special instructions, or circumstances that the laboratory needs to communicate to the client concerning the above samples. The information below is used to help promote your ability to make the most informed decisions for you and your customers. Please note the following points of contact for any questions you may have.

iATL Customer Service: customerservice@iatl.com

iATL Office Manager: wchampion@iatl.com

iATL Account Representative: Semih Kocahasan

Sample Login Notes: See Batch Sheet Attached

Sample Matrix: Bulk Building Materials

Exceptions Noted: See Following Pages

General Terms, Warrants, Limits, Qualifiers:

General information about iATL capabilities and client/laboratory relationships and responsibilities are spelled out in iATL policies that are listed at www.iATL.com and in our Quality Assurance Manual per ISO 17025 standard requirements. The information therein is a representation of iATL definitions and policies for turnaround times, sample submittal, collection media, blank definitions, quantification issues and limit of detection, analytical methods and procedures, sub-contracting policies, results reporting options, fees, terms, and discounts, confidentiality, sample archival and disposal, and data interpretation.

iATL warrants the test results to be of a precision normal for the type and methodology employed for each sample submitted. iATL disclaims any other warrants, expressed or implied, including warranty of fitness for a particular purpose and warranty of merchantability. iATL accepts no legal responsibility for the purpose for which the client uses test results. Any analytical work performed must be governed by our Standard Terms and Conditions. Prices, methods and detection limits may be changed without notification. Please contact your Customer Service Representative for the most current information.

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Information Pertinent to this Report:

Analysis by US EPA 600 93-116: Determination of Asbestos in Bulk Building Materials by Polarized Light Microscopy (PLM).

Certifications:

- NIST-NVLAP No. 101165-0
- NYSDOH-ELAP No. 11021
- AIHA-LAP, LLC No. 100188

Quantification at <0.25% by volume is possible with this method. (PC) Indicates Stratified Point Count Method performed. (PC-Trace) means that asbestos was detected but is not quantifiable under the Point Counting regimen. PC Trace represents a <0.25% amount. Analysis includes all distinct separable layers in accordance with EPA 600 Method. If not reported or otherwise noted, layer is either not present or the client has specifically requested that it not be analyzed (ex. analyze until positive instructions). Small asbestos fibers may be missed by PLM due to resolution limitations of the optical microscope. Therefore, PLM is not consistently reliable in detecting asbestos in non-friable organically bound (NOB) materials. Quantitative transmission electron microscopy (TEM) is currently the only method that can pronounce materials as non-asbestos containing.

Analytical Methodology Alternatives: Your initial request for analysis may not have accounted for recent advances in regulatory requirements or advances in technology that are routinely used in similar situations for other qualified projects. You may have the option to explore additional analysis for further information. Below are a few options, listed as the matrix followed by the appropriate methodology. Also included are links to more information on our website.

Bulk Building Materials that are Non-Friable Organically Bound (NOB) by Gravimetric Reduction techniques employing PLM and TEM: ELAP 198.6 (PLM-NOB), ELAP 198.4 (TEM-NOB) See additional information at the end of this appendix.

CERTIFICATE OF ANALYSIS

<p>Client: EHS Alaska Incorporated 11901 Business Blvd., Ste 208 Eagle River AK 99577</p> <p>Client: EHS511</p>	<p>Report Date: 4/8/2022 Report No.: 657485 - PLM Project: AK Court System Kotzebue Courthouse Renovation Project No.: 7768-01</p>
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Loose Fill Vermiculite Insulation, Attic Insulation, Zonolite (copyright), etc.: US EPA 600 R-4/004 (multi-tiered analytical process)
Sprayed On Insulation/Fireproofing with Vermiculite (SOF-V): ELAP 198.8 (PLM-SOF-V)

Soil, sludge, sediment, aggregate, and like materials analyzed for asbestos or other elongated mineral particles (ex. erionite, etc.): ASTM D7521, CARB 435, and other options available

Asbestos in Surface Dust according to one of ASTM's Methods (very dependent on sampling collection technique – by TEM): ASTM D 5755, D5756, or D6480

Various other asbestos matrices (air, water, etc.) and analytical methods are available.

Disclaimers / Qualifiers:

There may be some samples in this project that have a "NOTE:" associated with a sample result. We use added disclaimers or qualifiers to inform the client about something that requires further explanation. Here is a list with highlighted disclaimers that may be pertinent to this project. For a full explanation of these and other disclaimers, please inquire at **customerservice@iatl.com**.

- 1) Note: No mastic provided for analysis.
- 2) Note: Insufficient mastic provided for analysis.
- 3) Note: Insufficient material provided for analysis.
- 4) Note: Insufficient sample provided for QC reanalysis.
- 5) Note: Different material than indicated on Sample Log / Description.
- 6) Note: Sample not submitted.
- 7) Note: Attached to asbestos containing material.
- 8) Note: Received wet.
- 9) Note: Possible surface contamination.
- 10) Note: Not building material. 1% threshold may not apply.
- 11) Note: Recommend TEM-NOB analysis as per EPA recommendations.
- 12) Note: Asbestos detected but not quantifiable.
- 13) Note: Multiple identical samples submitted, only one analyzed.
- 14) Note: Analyzed by EPA 600/R-93/116. Point Counting detection limit at 0.080%.
- 15) Note: Analyzed by EPA 600/R-93/116. Point Counting detection limit at 0.125%.
- 16) Note: This sample contains >10% vermiculite mineral. See Appendix for Recommendations for Vermiculite Analysis.

Recommendations for Vermiculite Analysis:

Several analytical protocols exist for the analysis of asbestos in vermiculite. These analytical approaches vary depending upon the nature of the vermiculite mineral being tested (e.g. un-processed gänge, homogeneous exfoliated books of mica, or mixed mineral composites). Please contact your client representative for pricing and turnaround time options available.

iATL recommends initial testing using the EPA 600/R-93/116 method. This method is specifically designed for the analysis of asbestos in bulk building materials. It provides an acceptable starting point for primary screening of vermiculite for possible asbestos.

Results from this testing may be inconclusive. EPA suggests proceeding to a multi-tiered analysis involving wet separation techniques in conjunction with PLM and TEM gravimetric analysis (EPA 600/R-04/004).

For New York State customers, NYSDOH requires disclaimers and qualifiers for various vermiculite containing samples that direct analysis via ELAP198.6 and ELAP198.8 for samples that contain >10% vermiculite mineral where ELAP198.6 may be used to evaluate the asbestos content of the material. However, any test result using ELAP198.6 will be reported with the following disclaimer: "ELAP198.6 method does not remove vermiculite and may underestimate the level of asbestos present in a sample containing >10% vermiculite."

Further information on this method and other vermiculite and asbestos issues can be found at the following: Agency for Toxic Substances and Disease Registry (ATSDR) www.atsdr.cdc.gov, United States Geological Survey (USGS) www.minerals.usgs.gov/minerals/, US EPA www.epa.gov/asbestos. The USEPA also has an informative brochure "Current Best Practices for Vermiculite Attic Insulation" EPA 747F03001 May 2003, that may assist the health and remediation professional. NYS customers please follow current NYSDOH ELAP requirements per policy on subject of surfacing and vermiculite, May 6, 2016, Testing Requirements for Surfacing Material Containing Vermiculite (https://www.wadsworth.org/sites/default/files/WebDoc/1198_8_02_2.pdf)

The following is a summary of the analytical process outlines in the EPA 600/R-04/004 Method:

- 1) **Analytical Step/Method:** Initial Screening by PLM, EPA 600R-93/116
Requirements/Comments: Minimum of 0.1 g of sample. ~0.25% for most samples.

CERTIFICATE OF ANALYSIS

Client: EHS Alaska Incorporated
11901 Business Blvd., Ste 208
Eagle River AK 99577

Report Date: 4/8/2022
Report No.: 657485 - PLM
Project: AK Court System Kotzebue Courthouse
Renovation
Project No.: 7768-01

Client: EHS511

2)**Analytical Step/Method:** Wet Separation by PLM Gravimetric Technique, EPA R-04/004
Requirements/Comments: Minimum 50g** of dry sample. Analysis of "Sinks" only.

3)**Analytical Step/Method:** Wet Separation by PLM Gravimetric Technique, EPA R-04/004
Requirements/Comments: Minimum 50g** of dry sample. Analysis of "Floats" only.

4)**Analytical Step/Method:** Wet Separation by TEM Gravimetric Technique, EPA R-04/004
Requirements/Comments: Minimum 50g** of dry sample. Analysis of "Sinks" only.

5)**Analytical Step/Method:** Wet Separation by TEM Gravimetric Technique, EPA R-04/004
Requirements/Comments: Minimum 50g** of dry sample. Analysis of "Suspension" only.
*With advance notice and confirmation by the laboratory.

**Approximately 1 Liter of sample in double-bagged container (~9x6 inch bag of sample).

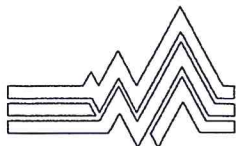
New York State Department of Health requires that samples originating from NYS that they categorize as Non-friable Organically Bound materials can only be confirmed as None Detected for asbestos by method 198.4. See the table below for a list of those materials. (ENVIRONMENTAL LABORATORY APPROVAL PROGRAM CERTIFICATION MANUAL - ITEM No. 198.1, Revision Date 5/6/16)

*Asphalt Shingles, Caulking, Ceiling Tiles with Cellulose, Duct Wrap, Glazing, Mastic, Paint Chips, Resilient Floor Tiles, Rubberized Asbestos Gaskets, Siding Shingles, Vinyl Asbestos Tile, NOB materials (other than SM-V) with <10% vermiculite, Any material (Friable or NOB other than SM-V) with >10% vermiculite.

Statistically derived uncertainty with any measure should be taken into consideration when reviewing and interpreting all reported data and results. A more comprehensive listing of accuracy, precision, and uncertainty as it impacts this method is available upon request.

APPENDIX B

Lead Dust Sample Field Survey Data Sheets and Laboratory Reports



EHS ALASKA
INCORPORATED

EHS Alaska, Inc.

11901 Business Blvd., Suite 208, Eagle River, AK 99577

(907) 694-1383 • (907) 694-1382 fax

e-mail • ehsak@ehs-alaska.com

PROJECT NO: 7768-01	PROJECT NAME: 7768 ACS Kotzebue Court Renovation	FACILITY: ACS Kotzebue Court	COLLECTION DATE: 3/23/2022
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CHAIN OF CUSTODY RECORD

ANALYSIS REQUESTED:	<input type="checkbox"/> PLM BULK <input checked="" type="checkbox"/> LEAD DUST <input type="checkbox"/> TEM MICROVAC DUST (ASTM 5756)	<input type="checkbox"/> PLM DUST <input type="checkbox"/> LEAD TCLP <input type="checkbox"/> LEAD PPM	<input type="checkbox"/> TEM BULK <input type="checkbox"/> LEAD PPM	TYPE: <input type="checkbox"/> ASBESTOS <input checked="" type="checkbox"/> LEAD	TURNAROUND: Standard	DISPOSAL: NORMAL	QUANTITY: 3
---------------------	--	--	--	--	-------------------------	---------------------	----------------

COLLECTED BY (signature) Martin Schwan PRINTED NAME 20110842/TPD8-117-10513 CERT# / AHERA# Fed Ex SHIPPING METHOD 7764 4951 7597 COURIER (signature) DATE/TIME 3/24/22 1522	IATL SELECTED LABORATORY RECEIVED SAMPLES ACCEPTED BY DATE/TIME 3/24/22 ANALYST'S SIGNATURE DATE/TIME 3/24/22	SPECIAL INSTRUCTIONS / COMMENTS: LAB: RETURN A SIGNED COPY OF THIS FORM WITH THE FINAL REPORT TO EHS-ALASKA, INC. See sample location drawing for more detailed explanation of exact locations.
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FIELD SURVEY DATA

EHS SAMPLE NO. LAB ID NO	SAMPLE DESCRIPTION, (COLOR, MATERIAL TYPE, LAYERS, FRIABILITY)	LOCATION/COMMENTS (INCLUDING PHOTO/XREF)	RESULTS FOR EHS-ALASKA USE ONLY
KCH0322-LD01 7398638	10 cm x10 cm horizontal wipe on metal, area = 0.1076 ft ²	Fan Room: AHU-4 Return air duct from Indoor Rifle Range 109. Photo 486 M	1400 ug/ft ²
KCH0322-LD02 7398639	3 5/8" x 14 3/4" horizontal wipe on metal, area = .3712 ft ²	Fan Room: AHU-4 Supply air, after mixing chamber, from Indoor Rifle Range 109. Photo 490 M	810 ug/ft ²
KCH0322-LD03 7398640	10 cm x10 cm horizontal wipe on mesh on sound lining, area = 0.1076 ft ²	Fan Room: AHU-4 Mixing chamber before filters, from Indoor Rifle Range 109. Photo 498 M	330 ug/ft ²
END	END	END	

CERTIFICATE OF ANALYSIS

Client: EHS Alaska Incorporated
11901 Business Blvd., Ste 208
Eagle River AK 99577

Report Date: 4/8/2022
Report No.: 657444 - Lead Wipe
Project: 7768 ACS Kotzebue Court Renovation
Project No.: 7768-01

Client: EHS511


LEAD WIPE SAMPLE ANALYSIS SUMMARY


Lab No.: 7398638	Location: Fan Room: AHU-4 Return Air Duct From	Area: 0.11 ft ²
Client No.: KCH0322-LD01	Indoor Rifle Range 109 Photo 486 M	Result: 1400 µg/ft ²

Lab No.: 7398639	Location: Fan Room: AHU-4 Supply Air After Mixing	Area: 0.37 ft ²
Client No.: KCH0322-LD02	Chamber, From Indoor Rifle Range 109. Photo 490 M	Result: 810 µg/ft ²

Lab No.: 7398640	Location: Fan Room: AHU-4 Mixing Chamber Before	Area: 0.11 ft ²
Client No.: KCH0322-LD03	Filters From Indoor Rifle Range 109 Photo 498 M	Result: 330 µg/ft ²

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 4/1/2022
Date Analyzed: 04/08/2022
Signature: 
Analyst: Chad Shaffer

Approved By: 
Frank E. Ehrenfeld, III
Laboratory Director

CERTIFICATE OF ANALYSIS

Client: EHS Alaska Incorporated
11901 Business Blvd., Ste 208
Eagle River AK 99577

Client: EHS511

Report Date: 4/8/2022
Report No.: 657444 - Lead Wipe
Project: 7768 ACS Kotzebue Court Renovation
Project No.: 7768-01

Appendix to Analytical Report:

Customer Contact: Cali Swatowski
Method: AAS - SW 846: 3050B: 7000B

This appendix seeks to promote greater understanding of any observations, exceptions, special instructions, or circumstances that the laboratory needs to communicate to the client concerning the above samples. The information below is used to help promote your ability to make the most informed decisions for you and your customers. Please note the following points of contact for any questions you may have.

iATL Customer Service: customerservice@iatl.com
iATL Office Manager: wchampion@iatl.com
iATL Account Representative: Semih Kocahasan
Sample Login Notes: See Batch Sheet Attached
Sample Matrix: Dust Wipes
Exceptions Noted: See Following Pages

General Terms, Warrants, Limits, Qualifiers:

General information about iATL capabilities and client/laboratory relationships and responsibilities are spelled out in iATL policies that are listed at www.iATL.com and in our Quality Assurance Manual per ISO 17025 standard requirements. The information therein is a representation of iATL definitions and policies for turnaround times, sample submittal, collection media, blank definitions, quantification issues and limit of detection, analytical methods and procedures, sub-contracting policies, results reporting options, fees, terms, and discounts, confidentiality, sample archival and disposal, and data interpretation.

iATL warrants the test results to be of a precision normal for the type and methodology employed for each sample submitted. iATL disclaims any other warrants, expressed or implied, including warranty of fitness for a particular purpose and warranty of merchantability. iATL accepts no legal responsibility for the purpose for which the client uses test results. Any analytical work performed must be governed by our Standard Terms and Conditions. Prices, methods and detection limits may be changed without notification. Please contact your Customer Service Representative for the most current information.

This confidential report relates only to those item(s) tested and does not represent an endorsement by NIST-NVLAP, AIHA LAP LLC, or any agency of local, state or province governments nor of any agency of the U.S. government.

This report shall not be reproduced except in full, without written approval of the laboratory.

Information Pertinent to this Report:

Analysis by AAS: SW 846: 3050B: 7000B, 2010

Certification:

- NATIONAL LEAD LABORATORY ACCREDITATION PROGRAM (NLLAP)
- AIHA-LAP, LLC No. 100188
- NYSDOH-ELAP No. 11021

Threshold Limits

- USEPA Dust Level Hazard Standards 3/08/2021
- Floor: 10 micrograms/ft²
- Window Sills: 100micrograms/ft²
- Window Well/Trough: 400micrograms/ft²

This report meets the standards set forth in the EPA's National Lead Laboratory Accreditation Program (NLLAP) through the Laboratory Quality System Requirements (LQSR) Revision 3.0 November 5, 2007. All Environmental Lead Proficiency Analytical Testing (ELPAT) is through the AIHA-PAT established program.

Dated : 4/8/2022 3:44:22

Page 2 of 3

CERTIFICATE OF ANALYSIS

Client: EHS Alaska Incorporated
11901 Business Blvd., Ste 208
Eagle River AK 99577

Client: EHS511

Report Date: 4/8/2022
Report No.: 657444 - Lead Wipe
Project: 7768 ACS Kotzebue Court Renovation
Project No.: 7768-01

Regulatory limit varies by surface location (EPA/HUD guidelines). Unless otherwise stated, results assume one square foot sampled.

Method requires submittal of blanks.

Sample results are not corrected for contamination by field or analytical blanks.

All results are based on the samples as received at the lab. iATL assumes that appropriate sampling methods have been used and that the data upon which these results are based have been accurately supplied by the client.

Method Detection Limit (MDL) per EPA Method 40CFR Part 136 Appendix B. Reporting Limit (RL) based upon Lowest Standard Determined (LSD) in accordance with AIHA-ELLAP policies.

LSD= 0.2 ppm; MDL= 4.7 micrograms/ft²; RL= 10.0 micrograms/ft²; (based upon 1.0 square foot sampled).

The EPA 403 Final Rule (40 CFR 745.63) requires that all wipe samples of settled dust shall be collected using a wipe that meets ASTM E1792.

Disclaimers / Qualifiers:

There may be some samples in this project that have a "NOTE:" associated with a sample result. We use added disclaimers or qualifiers to inform the client about something that requires further explanation. Here is a complete list with highlighted disclaimers pertinent to this project. For a full explanation of these and other disclaimers, please inquire at customerservice@iatl.com.

NOTE: Incomplete digestion of wipe material may result in low recovery of lead. The EPA403 Final Rule (40 CFR 745.63) requires that all wipe samples of settled dust shall be collected using a wipe that meets ASTM E1792. Results for wipes not meeting ASTM E1792 are not recognized within the Accreditation Program.

< less than sign, signifies none-detected below the empirical value based upon sub-sampled mass. This is often below the Reporting Limit (see above).

APPENDIX C

Lead Analyzer Test Results

LEAD ANALYZER TEST RESULTS

Heuresis Pb200i, Serial No. 1770

NO.	SITE	INSPECTOR	FLOOR	ROOM	COMPONENT	SUBSTRATE	CONDITION	COLOR	DURATION	TIME	RESULTS		
											LBP	mg/cm ²	+/- ERROR
1	Kotzebue Courthouse	LAMONT	0	0	CALIBRATION	0	0	0	5	3/22/22 12:42:18	POSITIVE	1.1	0.2
2	Kotzebue Courthouse	LAMONT	0	0	CALIBRATION	0	0	0	5	3/22/22 12:42:53	POSITIVE	1.1	0.2
3	Kotzebue Courthouse	LAMONT	0	0	CALIBRATION	0	0	0	5	3/22/22 12:43:26	POSITIVE	1.1	0.2
4	Kotzebue Courthouse	LAMONT	3	MECH ROOM	HAND RAIL	METAL	INTACT	ORANGE	2	3/22/22 12:47:51	NEGATIVE	0.2	0.3
5	Kotzebue Courthouse	LAMONT	3	MECH ROOM	RAISER	METAL	INTACT	ORANGE	2	3/22/22 12:48:15	NEGATIVE	0.3	0.3
6	Kotzebue Courthouse	LAMONT	3	MECH ROOM	ELECTRICAL PANEL	METAL	INTACT	GRAY	2	3/22/22 12:49:29	NEGATIVE	0.2	0.3
7	Kotzebue Courthouse	LAMONT	3	MECH ROOM	DUCT	CLOTH	INTACT	WHITE	2	3/22/22 12:50:21	NEGATIVE	0.1	0.3
8	Kotzebue Courthouse	LAMONT	3	MECH ROOM	ELECTRICAL PANEL	METAL	INTACT	OFF-WHITE	2	3/22/22 12:51:23	NEGATIVE	0.1	0.3
9	Kotzebue Courthouse	LAMONT	3	MECH ROOM	ELECTRICAL PANEL	METAL	INTACT	BLUE	2	3/22/22 12:51:49	NEGATIVE	0.1	0.3
10	Kotzebue Courthouse	LAMONT	3	MECH ROOM	MECHANICAL EQUIP	METAL	INTACT	BLUE	2	3/22/22 12:53:00	NEGATIVE	0.1	0.3
11	Kotzebue Courthouse	LAMONT	3	MECH ROOM	MECHANICAL EQUIP	METAL	INTACT	BLUE	2	3/22/22 12:53:34	NEGATIVE	0.1	0.3
12	Kotzebue Courthouse	LAMONT	3	MECH ROOM	COLUMN	METAL	POOR	RED	2	3/22/22 12:55:01	NEGATIVE	0.2	0.3
13	Kotzebue Courthouse	LAMONT	3	MECH ROOM	BEAM	METAL	POOR	RED	2	3/22/22 12:55:58	NEGATIVE	0.2	0.3
14	Kotzebue Courthouse	LAMONT	3	MECH ROOM	HOOD	CLOTH	FAIR	WHITE	2	3/22/22 12:57:29	NEGATIVE	0.1	0.3
15	Kotzebue Courthouse	LAMONT	3	MECH ROOM	TANK	METAL	FAIR	DK BROWN	2	3/22/22 12:59:47	NEGATIVE	0.3	0.3
16	Kotzebue Courthouse	LAMONT	3	MECH ROOM	BEAM	METAL	FAIR	DK BROWN	2	3/22/22 13:00:39	NEGATIVE	0.2	0.3
17	Kotzebue Courthouse	LAMONT	3	MECH ROOM	VALVE	METAL	FAIR	RED	2	3/22/22 13:02:25	NEGATIVE	0.3	0.3
18	Kotzebue Courthouse	LAMONT	3	MECH ROOM	MECHANICAL EQUIP	METAL	FAIR	BLUE	2	3/22/22 13:03:19	NEGATIVE	0	0.3
19	Kotzebue Courthouse	LAMONT	3	MECH ROOM	MECHANICAL EQUIP	METAL	FAIR	GREEN	2	3/22/22 13:03:49	NEGATIVE	0.2	0.3
20	Kotzebue Courthouse	LAMONT	3	MECH ROOM	MECHANICAL EQUIP	METAL	FAIR	GREEN	2	3/22/22 13:04:09	NEGATIVE	0.2	0.3
21	Kotzebue Courthouse	LAMONT	3	MECH ROOM	MECHANICAL EQUIP	METAL	FAIR	BLUE	2	3/22/22 13:05:36	NEGATIVE	0.1	0.3
22	Kotzebue Courthouse	LAMONT	3	MECH ROOM	DOOR FRAME	METAL	FAIR	GRAY	2	3/22/22 13:06:28	NEGATIVE	0.2	0.3
23	Kotzebue Courthouse	LAMONT	3	MECH ROOM	DOOR	METAL	INTACT	GRAY	2	3/22/22 13:07:04	NEGATIVE	0.1	0.3
24	Kotzebue Courthouse	LAMONT	3	MECH ROOM	EQUIPMENT	METAL	INTACT	GRAY	2	3/22/22 13:07:59	NEGATIVE	0.1	0.3
25	Kotzebue Courthouse	LAMONT	3	MECH ROOM	PIPE	METAL	INTACT	RED	2	3/22/22 13:09:10	NEGATIVE	0.1	0.3
26	Kotzebue Courthouse	LAMONT	3	MECH ROOM	PIPE	METAL	POOR	YELLOW	2	3/22/22 13:12:00	NEGATIVE	0.1	0.3
27	Kotzebue Courthouse	LAMONT	3	MECH ROOM	COLUMN	METAL	INTACT	RED	2	3/22/22 13:14:21	NEGATIVE	0.2	0.3
28	Kotzebue Courthouse	LAMONT	3	MECH ROOM	BEAM	METAL	FAIR	OFF-WHITE	2	3/22/22 13:15:27	NEGATIVE	0.1	0.3
29	Kotzebue Courthouse	LAMONT	3	MECH ROOM	EQUIPMENT	PLASTIC	FAIR	OFF-WHITE	2	3/22/22 13:16:52	NEGATIVE	0.1	0.3
30	Kotzebue Courthouse	LAMONT	3	MECH ROOM	ELECTRICAL PANEL	METAL	INTACT	OFF-WHITE	2	3/22/22 13:17:39	NEGATIVE	0.1	0.3
31	Kotzebue Courthouse	LAMONT	3	MECH ROOM	BEAM	METAL	INTACT	OFF-WHITE	2	3/22/22 13:28:48	NEGATIVE	0.1	0.3
32	Kotzebue Courthouse	LAMONT	3	MECH ROOM	BEAM	METAL	INTACT	OFF-WHITE	2	3/22/22 13:29:35	NEGATIVE	0.2	0.3
33	Kotzebue Courthouse	LAMONT	3	MECH ROOM	PIPE	METAL	INTACT	OFF-WHITE	2	3/22/22 13:30:15	NEGATIVE	0	0.3
34	Kotzebue Courthouse	LAMONT	0	0	CALIBRATION	0	0	0	5	3/22/22 13:47:55	POSITIVE	1.1	0.2
35	Kotzebue Courthouse	LAMONT	0	0	CALIBRATION	0	0	0	5	3/22/22 13:48:33	POSITIVE	1	0.2
36	Kotzebue Courthouse	LAMONT	0	0	CALIBRATION	0	0	0	5	3/22/22 13:49:07	POSITIVE	1	0.2
37	Kotzebue Courthouse	LAMONT	0	0	CALIBRATION	0	0	0	5	3/22/22 15:28:23	POSITIVE	1	0.2
38	Kotzebue Courthouse	LAMONT	0	0	CALIBRATION	0	0	0	5	3/22/22 15:28:56	POSITIVE	1	0.2
39	Kotzebue Courthouse	LAMONT	0	0	CALIBRATION	0	0	0	5	3/22/22 15:29:29	POSITIVE	1.1	0.2
40	Kotzebue Courthouse	LAMONT	2	BATHROOM	DOOR FRAME	METAL	INTACT	BLUE	2	3/22/22 15:30:36	NEGATIVE	0	0.3
41	Kotzebue Courthouse	LAMONT	2	BATHROOM	DOOR	METAL	INTACT	BEIGE	2	3/22/22 15:31:03	NEGATIVE	0.1	0.3
42	Kotzebue Courthouse	LAMONT	2	BATHROOM	WALL	DRYWALL	INTACT	WHITE	2	3/22/22 15:31:39	NEGATIVE	0.3	0.3
43	Kotzebue Courthouse	LAMONT	2	STORAGE	WALL	WOOD	INTACT	WHITE	2	3/22/22 15:37:35	NEGATIVE	0.1	0.3
44	Kotzebue Courthouse	LAMONT	2	STORAGE	COLUMN	METAL	INTACT	WHITE	2	3/22/22 15:38:07	NEGATIVE	0.2	0.3
45	Kotzebue Courthouse	LAMONT	2	STORAGE	WINDOW FRAME	METAL	INTACT	WHITE	2	3/22/22 15:39:44	NEGATIVE	0.1	0.3
46	Kotzebue Courthouse	LAMONT	2	STORAGE	WINDOW FRAME	WOOD	INTACT	BLUE	2	3/22/22 15:40:13	NEGATIVE	0.1	0.3
47	Kotzebue Courthouse	LAMONT	2	STORAGE	DOOR FRAME	WOOD	INTACT	VARNISH	2	3/22/22 15:41:43	NEGATIVE	0.1	0.3

LEAD ANALYZER TEST RESULTS

NO.	SITE	INSPECTOR	FLOOR	ROOM	COMPONENT	SUBSTRATE	CONDITION	COLOR	DURATION	TIME	RESULTS		
											LBP	mg/cm ²	+/- ERROR
48	Kotzebue Courthouse	LAMONT	2	STORAGE	DOOR	WOOD	INTACT	VARNISH	2	3/22/22 15:42:08	NEGATIVE	0.1	0.3
49	Kotzebue Courthouse	LAMONT	2	STORAGE	WALL	DRYWALL	INTACT	WHITE	2	3/22/22 15:43:12	NEGATIVE	0.2	0.3
50	Kotzebue Courthouse	LAMONT	2	STORAGE	DOOR FRAME	WOOD	INTACT	WHITE	2	3/22/22 15:43:46	NEGATIVE	0	0.3
51	Kotzebue Courthouse	LAMONT	2	STORAGE	DOOR	WOOD	INTACT	WHITE	2	3/22/22 15:44:10	NEGATIVE	0.2	0.3
52	Kotzebue Courthouse	LAMONT	2	STORAGE	DOOR FRAME	WOOD	INTACT	WHITE	2	3/22/22 15:45:42	NEGATIVE	0.2	0.3
53	Kotzebue Courthouse	LAMONT	2	STORAGE	DOOR	WOOD	INTACT	WHITE	2	3/22/22 15:46:06	NEGATIVE	0.2	0.3
54	Kotzebue Courthouse	LAMONT	2	BATHROOM	WALL	CERAMIC	INTACT	PINK	2	3/22/22 15:47:17	POSITIVE	14.4	0.3
55	Kotzebue Courthouse	LAMONT	2	BATHROOM	FLOOR	CERAMIC	INTACT	BEIGE	2	3/22/22 15:48:14	NEGATIVE	0.2	0.3
56	Kotzebue Courthouse	LAMONT	2	BATHROOM	SINK	CERAMIC	INTACT	WHITE	2	3/22/22 15:49:13	NEGATIVE	0	0.3
57	Kotzebue Courthouse	LAMONT	2	BATHROOM	WALL	DRYWALL	INTACT	WHITE	2	3/22/22 15:50:22	NEGATIVE	0.1	0.3
58	Kotzebue Courthouse	LAMONT	2	BATHROOM	PARTITION	METAL	INTACT	PINK	2	3/22/22 15:51:22	NEGATIVE	0.1	0.3
59	Kotzebue Courthouse	LAMONT	2	BATHROOM	PARTITION	METAL	INTACT	PINK	2	3/22/22 15:51:42	NEGATIVE	0.1	0.3
60	Kotzebue Courthouse	LAMONT	2	BATHROOM	URINAL	CERAMIC	INTACT	WHITE	2	3/22/22 15:52:33	NEGATIVE	0.3	0.3
61	Kotzebue Courthouse	LAMONT	2	BATHROOM	TOILET	CERAMIC	INTACT	WHITE	2	3/22/22 15:53:21	NEGATIVE	-0.3	0.3
62	Kotzebue Courthouse	LAMONT	2	BATHROOM	bench	WOOD	INTACT	VARNISH	2	3/22/22 15:55:06	NEGATIVE	0.1	0.3
63	Kotzebue Courthouse	LAMONT	2	STORAGE	WALL	DRYWALL	INTACT	WHITE	2	3/22/22 16:02:06	NEGATIVE	0.2	0.3
64	Kotzebue Courthouse	LAMONT	2	STORAGE	FLOOR	CONCRETE	FAIR	GRAY	2	3/22/22 16:02:49	NEGATIVE	0.1	0.3
65	Kotzebue Courthouse	LAMONT	2	STORAGE	COLUMN	METAL	INTACT	WHITE	2	3/22/22 16:03:35	NEGATIVE	0.1	0.3
66	Kotzebue Courthouse	LAMONT	2	STORAGE	DUCT	METAL	INTACT	WHITE	2	3/22/22 16:59:54	NEGATIVE	0.1	0.3
67	Kotzebue Courthouse	LAMONT	2	BATHROOM	DOOR FRAME	METAL	INTACT	BLUE	2	3/22/22 17:48:43	NEGATIVE	0.1	0.3
68	Kotzebue Courthouse	LAMONT	2	BATHROOM	DOOR	METAL	INTACT	BEIGE	2	3/22/22 17:49:09	NEGATIVE	0.1	0.3
69	Kotzebue Courthouse	LAMONT	2	BATHROOM	WALL	CERAMIC	INTACT	PINK	2	3/22/22 17:49:45	POSITIVE	17.6	0.3
70	Kotzebue Courthouse	LAMONT	2	BATHROOM	PARTITION	METAL	INTACT	PINK	2	3/22/22 17:51:22	NEGATIVE	0.1	0.3
71	Kotzebue Courthouse	LAMONT	2	BATHROOM	PARTITION	METAL	INTACT	PINK	2	3/22/22 17:51:46	NEGATIVE	0	0.3
72	Kotzebue Courthouse	LAMONT	2	BATHROOM	SINK	CERAMIC	INTACT	WHITE	2	3/22/22 17:52:25	POSITIVE	1.5	0.3
73	Kotzebue Courthouse	LAMONT	2	BATHROOM	TOILET	CERAMIC	INTACT	WHITE	3	3/22/22 17:52:51	NEGATIVE	0.6	0.3
74	Kotzebue Courthouse	LAMONT	2	BATHROOM	FLOOR TILE	CERAMIC	FAIR	BEIGE	2	3/22/22 17:54:08	NEGATIVE	0.1	0.3
75	Kotzebue Courthouse	LAMONT	2	HALL	WALL	VINYL	INTACT	OFF-WHITE	2	3/22/22 18:43:24	NEGATIVE	0.2	0.3
76	Kotzebue Courthouse	LAMONT	2	HALL	COLUMN	DRYWALL	INTACT	WHITE	2	3/22/22 18:44:01	NEGATIVE	0.2	0.3
77	Kotzebue Courthouse	LAMONT	2	HALL	CURB	CONCRETE	INTACT	BLUE	2	3/22/22 18:44:37	NEGATIVE	0.2	0.3
78	Kotzebue Courthouse	LAMONT	2	HALL	FLOOR	VINYL	INTACT	LT BROWN	2	3/22/22 18:45:14	NEGATIVE	0	0.3
79	Kotzebue Courthouse	LAMONT	2	HALL	HAND RAIL	METAL	INTACT	BLUE	2	3/22/22 18:47:40	NEGATIVE	0.2	0.3
80	Kotzebue Courthouse	LAMONT	2	HALL	WALL	DRYWALL	INTACT	WHITE	2	3/22/22 18:48:21	NEGATIVE	0.2	0.3
81	Kotzebue Courthouse	LAMONT	2	HALL	DOOR FRAME	METAL	INTACT	WHITE	2	3/22/22 18:48:52	NEGATIVE	0.1	0.3
82	Kotzebue Courthouse	LAMONT	2	HALL	DOOR	WOOD	INTACT	VARNISH	2	3/22/22 18:49:21	NEGATIVE	0	0.3
83	Kotzebue Courthouse	LAMONT	2	HALL	DOOR FRAME	METAL	INTACT	BLUE	2	3/22/22 18:50:22	NEGATIVE	0	0.3
84	Kotzebue Courthouse	LAMONT	2	HALL	DOOR	METAL	INTACT	BLUE	2	3/22/22 18:50:58	NEGATIVE	0.2	0.3
85	Kotzebue Courthouse	LAMONT	2	HALL	WALL	WOOD	INTACT	VARNISH	2	3/22/22 18:52:31	NEGATIVE	0.1	0.3
86	Kotzebue Courthouse	LAMONT	2	HALL	DOOR FRAME	METAL	INTACT	WHITE	2	3/22/22 18:53:28	NEGATIVE	0.1	0.3
87	Kotzebue Courthouse	LAMONT	2	HALL	DOOR	METAL	INTACT	WHITE	2	3/22/22 18:54:00	NEGATIVE	0.1	0.3
88	Kotzebue Courthouse	LAMONT	2	HALL	WALL	WOOD	INTACT	WHITE	2	3/22/22 18:54:40	NEGATIVE	0.1	0.3
89	Kotzebue Courthouse	LAMONT	2	HALL	COLUMN	METAL	INTACT	WHITE	2	3/22/22 18:55:10	NEGATIVE	0.2	0.3
90	Kotzebue Courthouse	LAMONT	2	HALL	WALL	DRYWALL	INTACT	WHITE	2	3/22/22 18:55:39	NEGATIVE	0.2	0.3
91	Kotzebue Courthouse	LAMONT	2	HALL	RAILING	METAL	INTACT	BLUE	2	3/22/22 18:56:23	NEGATIVE	0	0.3
92	Kotzebue Courthouse	LAMONT	2	HALL	WALL	DRYWALL	INTACT	BLUE	2	3/22/22 18:56:55	NEGATIVE	0.2	0.3
93	Kotzebue Courthouse	LAMONT	2	OFFICE	COUNTERTOP	FORMICA	INTACT	GRAY	2	3/22/22 20:11:09	NEGATIVE	0.3	0.3
94	Kotzebue Courthouse	LAMONT	2	OFFICE	COUNTERTOP	FORMICA	INTACT	RED	2	3/22/22 20:11:44	NEGATIVE	0.3	0.3
95	Kotzebue Courthouse	LAMONT	2	OFFICE	WALL	DRYWALL	INTACT	WHITE	2	3/22/22 20:13:35	NEGATIVE	0.3	0.3

LEAD ANALYZER TEST RESULTS

NO.	SITE	INSPECTOR	FLOOR	ROOM	COMPONENT	SUBSTRATE	CONDITION	COLOR	DURATION	TIME	RESULTS		
											LBP	mg/cm ²	+/- ERROR
96	Kotzebue Courthouse	LAMONT	2	OFFICE	BEAM	METAL	INTACT	RED	2	3/22/22 20:15:29	NEGATIVE	0.2	0.3
97	Kotzebue Courthouse	LAMONT	2	OFFICE	BEAM	METAL	INTACT	RED	2	3/22/22 20:16:46	NEGATIVE	0.2	0.3
98	Kotzebue Courthouse	LAMONT	2	OFFICE	WALL	DRYWALL	INTACT	WHITE	2	3/22/22 20:18:20	NEGATIVE	0.3	0.3
99	Kotzebue Courthouse	LAMONT	2	OFFICE	WALL	DRYWALL	INTACT	WHITE	2	3/22/22 20:18:39	NEGATIVE	0.1	0.3
100	Kotzebue Courthouse	LAMONT	2	OFFICE	DOOR FRAME	METAL	INTACT	WHITE	2	3/22/22 20:19:28	NEGATIVE	0.1	0.3
101	Kotzebue Courthouse	LAMONT	2	OFFICE	DOOR	WOOD	INTACT	VARNISH	2	3/22/22 20:19:57	NEGATIVE	0.1	0.3
102	Kotzebue Courthouse	LAMONT	2	OFFICE	WALL	DRYWALL	INTACT	WHITE	2	3/22/22 20:20:39	NEGATIVE	0.1	0.3
103	Kotzebue Courthouse	LAMONT	2	OFFICE	WALL	WOOD	INTACT	VARNISH	2	3/22/22 20:21:33	NEGATIVE	0.2	0.3
104	Kotzebue Courthouse	LAMONT	2	OFFICE	WALL	WOOD	INTACT	VARNISH	2	3/22/22 20:21:54	NEGATIVE	0.1	0.3
105	Kotzebue Courthouse	LAMONT	2	OFFICE	DOOR	WOOD	INTACT	VARNISH	2	3/22/22 20:23:16	NEGATIVE	0.1	0.3
106	Kotzebue Courthouse	LAMONT	2	OFFICE	DOOR FRAME	METAL	INTACT	WHITE	2	3/22/22 20:24:02	NEGATIVE	0.2	0.3
107	Kotzebue Courthouse	LAMONT	2	OFFICE	WALL	DRYWALL	INTACT	WHITE	2	3/22/22 20:24:37	NEGATIVE	0.1	0.3
108	Kotzebue Courthouse	LAMONT	2	OFFICE	COUNTERTOP	FORMICA	INTACT	BEIGE	2	3/22/22 20:25:20	NEGATIVE	0.2	0.3
109	Kotzebue Courthouse	LAMONT	2	OFFICE	CABINET	FORMICA	INTACT	GRAY	2	3/22/22 20:25:48	NEGATIVE	0.2	0.3
110	Kotzebue Courthouse	LAMONT	0	0	CALIBRATION	0	0	0	5	3/22/22 20:48:08	POSITIVE	1	0.2
111	Kotzebue Courthouse	LAMONT	0	0	CALIBRATION	0	0	0	5	3/22/22 20:48:41	POSITIVE	1	0.2
112	Kotzebue Courthouse	LAMONT	0	0	CALIBRATION	0	0	0	5	3/22/22 20:49:14	POSITIVE	1	0.2
113	Kotzebue Courthouse	LAMONT	0	0	CALIBRATION	0	0	0	5	3/23/22 11:36:25	POSITIVE	1	0.2
114	Kotzebue Courthouse	LAMONT	0	0	CALIBRATION	0	0	0	5	3/23/22 11:37:11	POSITIVE	1.1	0.2
115	Kotzebue Courthouse	LAMONT	0	0	CALIBRATION	0	0	0	5	3/23/22 11:37:45	POSITIVE	1	0.2
116	Kotzebue Courthouse	LAMONT	2	MECH ROOM	DOOR FRAME	METAL	INTACT	ORANGE	2	3/23/22 11:39:52	NEGATIVE	0.1	0.3
117	Kotzebue Courthouse	LAMONT	2	MECH ROOM	DOOR	METAL	INTACT	BEIGE	2	3/23/22 11:40:51	NEGATIVE	0.1	0.3
118	Kotzebue Courthouse	LAMONT	2	MECH ROOM	MECHANICAL EQUIP	METAL	INTACT	BLUE	2	3/23/22 11:41:45	NEGATIVE	0.1	0.3
119	Kotzebue Courthouse	LAMONT	2	MECH ROOM	HAND RAIL	METAL	INTACT	ORANGE	2	3/23/22 11:42:23	NEGATIVE	0.2	0.3
120	Kotzebue Courthouse	LAMONT	2	MECH ROOM	ELECTRICAL PANEL	METAL	INTACT	BLUE	2	3/23/22 11:43:07	NEGATIVE	0.1	0.3
121	Kotzebue Courthouse	LAMONT	2	MECH ROOM	ELECTRICAL PANEL	METAL	INTACT	BROWN	2	3/23/22 11:43:35	NEGATIVE	0.2	0.3
122	Kotzebue Courthouse	LAMONT	2	MECH ROOM	MECHANICAL EQUIP	METAL	INTACT	BLUE	2	3/23/22 11:44:18	NEGATIVE	0.1	0.3
123	Kotzebue Courthouse	LAMONT	2	MECH ROOM	MECHANICAL EQUIP	METAL	INTACT	BLUE	2	3/23/22 11:44:41	NEGATIVE	0.1	0.3
124	Kotzebue Courthouse	LAMONT	2	MECH ROOM	MECHANICAL EQUIP	METAL	INTACT	BLUE	2	3/23/22 11:45:08	NEGATIVE	0.2	0.3
125	Kotzebue Courthouse	LAMONT	2	MECH ROOM	MECHANICAL EQUIP	METAL	POOR	BLUE	2	3/23/22 11:45:39	NEGATIVE	0.1	0.3
126	Kotzebue Courthouse	LAMONT	2	MECH ROOM	MECHANICAL EQUIP	METAL	POOR	BLUE	2	3/23/22 11:46:45	NEGATIVE	0.2	0.3
127	Kotzebue Courthouse	LAMONT	2	MECH ROOM	PAD	METAL	POOR	RED	2	3/23/22 11:47:54	NEGATIVE	0.2	0.3
128	Kotzebue Courthouse	LAMONT	2	MECH ROOM	DOOR FRAME	METAL	POOR	GRAY	2	3/23/22 11:48:33	NEGATIVE	0.1	0.3
129	Kotzebue Courthouse	LAMONT	2	MECH ROOM	DOOR	METAL	POOR	GRAY	2	3/23/22 11:48:56	NEGATIVE	0.1	0.3
130	Kotzebue Courthouse	LAMONT	2	MECH ROOM	PIPE	METAL	INTACT	RED	2	3/23/22 11:50:41	NEGATIVE	0.4	0.3
131	Kotzebue Courthouse	LAMONT	2	MECH ROOM	COLUMN	METAL	FAIR	RED	2	3/23/22 11:51:47	NEGATIVE	0.1	0.3
132	Kotzebue Courthouse	LAMONT	1	BOILER ROOM	COLUMN	METAL	FAIR	RED	2	3/23/22 12:17:16	NEGATIVE	0.3	0.3
133	Kotzebue Courthouse	LAMONT	1	BOILER ROOM	TANK	METAL	POOR	YELLOW	2	3/23/22 12:18:49	NEGATIVE	0.1	0.3
134	Kotzebue Courthouse	LAMONT	1	OFFICE	DOOR FRAME	METAL	INTACT	WHITE	2	3/23/22 14:25:15	NEGATIVE	0.1	0.3
135	Kotzebue Courthouse	LAMONT	1	OFFICE	DOOR	WOOD	INTACT	VARNISH	2	3/23/22 14:25:46	NEGATIVE	0.3	0.3
136	Kotzebue Courthouse	LAMONT	1	OFFICE	WALL	DRYWALL	INTACT	WHITE	2	3/23/22 14:26:24	NEGATIVE	0.1	0.3
137	Kotzebue Courthouse	LAMONT	1	OFFICE	WALL	DRYWALL	INTACT	WHITE	2	3/23/22 14:28:23	NEGATIVE	0.1	0.3
138	Kotzebue Courthouse	LAMONT	1	OFFICE	DRY ERASE BOARD	PLASTIC	INTACT	WHITE	2	3/23/22 14:29:12	NEGATIVE	0	0.3
139	Kotzebue Courthouse	LAMONT	1	OFFICE	DRY ERASE BOARD	WOOD	INTACT	VARNISH	2	3/23/22 14:29:44	NEGATIVE	0.2	0.3
140	Kotzebue Courthouse	LAMONT	1	OFFICE	RADIATOR	METAL	INTACT	WHITE	2	3/23/22 14:30:35	NEGATIVE	0.1	0.3
141	Kotzebue Courthouse	LAMONT	1	OFFICE	COUNTERTOP	FORMICA	INTACT	OFF-WHITE	2	3/23/22 14:31:48	NEGATIVE	0.3	0.3
142	Kotzebue Courthouse	LAMONT	1	OFFICE	CABINET	WOOD	INTACT	VARNISH	2	3/23/22 14:32:31	NEGATIVE	0.2	0.3
143	Kotzebue Courthouse	LAMONT	1	OFFICE	COLUMN	METAL	INTACT	WHITE	2	3/23/22 14:33:48	NEGATIVE	0.2	0.3

LEAD ANALYZER TEST RESULTS

NO.	SITE	INSPECTOR	FLOOR	ROOM	COMPONENT	SUBSTRATE	CONDITION	COLOR	DURATION	TIME	RESULTS		
											LBP	mg/cm ²	+/- ERROR
144	Kotzebue Courthouse	LAMONT	1	OFFICE	COVE BASE	PLASTIC	INTACT	BLUE	2	3/23/22 14:34:20	NEGATIVE	0.3	0.3
145	Kotzebue Courthouse	LAMONT	1	OFFICE	WINDOW FRAME	VINYL	INTACT	WHITE	2	3/23/22 14:35:58	NEGATIVE	0.1	0.3
146	Kotzebue Courthouse	LAMONT	1	OFFICE	WALL	WOOD	INTACT	VARNISH	2	3/23/22 14:37:31	NEGATIVE	0.2	0.3
147	Kotzebue Courthouse	LAMONT	1	OFFICE	WALL	WOOD	INTACT	VARNISH	2	3/23/22 14:37:54	NEGATIVE	0.2	0.3
148	Kotzebue Courthouse	LAMONT	1	CEILING SPACE	BEAM	METAL	INTACT	WHITE	2	3/23/22 14:56:59	NEGATIVE	0.2	0.3
149	Kotzebue Courthouse	LAMONT	1	CEILING SPACE	PIPE	METAL	INTACT	RED	2	3/23/22 14:57:43	NEGATIVE	0.1	0.3
150	Kotzebue Courthouse	LAMONT	1	CEILING SPACE	FLOOR	METAL	INTACT	WHITE	2	3/23/22 14:58:35	NEGATIVE	0.1	0.3
151	Kotzebue Courthouse	LAMONT	1	ELEC ROOM	WALL	WOOD	INTACT	WHITE	2	3/23/22 16:39:38	NEGATIVE	0.1	0.3
152	Kotzebue Courthouse	LAMONT	1	ELEC ROOM	WALL	DRYWALL	INTACT	WHITE	2	3/23/22 16:40:35	NEGATIVE	0.2	0.3
153	Kotzebue Courthouse	LAMONT	1	ELEC ROOM	DOOR FRAME	METAL	INTACT	WHITE	2	3/23/22 16:41:17	NEGATIVE	0.1	0.3
154	Kotzebue Courthouse	LAMONT	1	ELEC ROOM	DOOR	METAL	INTACT	BEIGE	2	3/23/22 16:41:44	NEGATIVE	0.1	0.3
155	Kotzebue Courthouse	LAMONT	1	ELEC ROOM	RADIATOR	METAL	INTACT	BEIGE	2	3/23/22 16:43:10	NEGATIVE	0	0.3
156	Kotzebue Courthouse	LAMONT	1	ELEC ROOM	COLUMN	METAL	INTACT	WHITE	2	3/23/22 16:43:48	NEGATIVE	0.1	0.3
157	Kotzebue Courthouse	LAMONT	1	ELEC ROOM	ELECTRICAL PANEL	METAL	INTACT	WHITE	2	3/23/22 16:44:15	NEGATIVE	0.2	0.3
158	Kotzebue Courthouse	LAMONT	1	STAIRWELL	BEAM	METAL	INTACT	WHITE	2	3/23/22 17:30:35	NEGATIVE	0.2	0.3
159	Kotzebue Courthouse	LAMONT	1	STAIRWELL	BEAM	METAL	INTACT	WHITE	2	3/23/22 17:30:53	NEGATIVE	0.2	0.3
160	Kotzebue Courthouse	LAMONT	1	STAIRWELL	POST	METAL	INTACT	WHITE	2	3/23/22 17:31:21	NEGATIVE	0.2	0.3
161	Kotzebue Courthouse	LAMONT	1	STAIRWELL	POST	METAL	INTACT	WHITE	2	3/23/22 17:31:44	NEGATIVE	0.2	0.3
162	Kotzebue Courthouse	LAMONT	1	STAIRWELL	WALL	WOOD	INTACT	WHITE	2	3/23/22 17:32:22	NEGATIVE	0.1	0.3
163	Kotzebue Courthouse	LAMONT	1	STAIRWELL	WALL	DRYWALL	INTACT	WHITE	2	3/23/22 17:33:14	NEGATIVE	0.3	0.3
164	Kotzebue Courthouse	LAMONT	1	STAIRWELL	HAND RAIL	METAL	INTACT	BLUE	2	3/23/22 17:34:02	NEGATIVE	-0.1	0.3
165	Kotzebue Courthouse	LAMONT	1	STAIRWELL	COVE BASE	METAL	INTACT	BLUE	2	3/23/22 17:35:36	NEGATIVE	-0.1	0.3
166	Kotzebue Courthouse	LAMONT	0	0	CALIBRATION	0	0	GREEN	5	3/23/22 17:37:42	POSITIVE	1	0.2
167	Kotzebue Courthouse	LAMONT	0	0	CALIBRATION	0	0	GREEN	5	3/23/22 17:38:18	POSITIVE	1	0.2
168	Kotzebue Courthouse	LAMONT	0	0	CALIBRATION	0	0	GREEN	5	3/23/22 17:38:52	POSITIVE	1	0.2

Table Heading Descriptions:

Duration: This is the nominal time in "source" seconds that each sample was analyzed.

LBP: Results are shown as positive (POS \geq 1.0 mg/cm²) or negative (NEG < 1.0 mg/cm²). Positive results are shown in bold print.

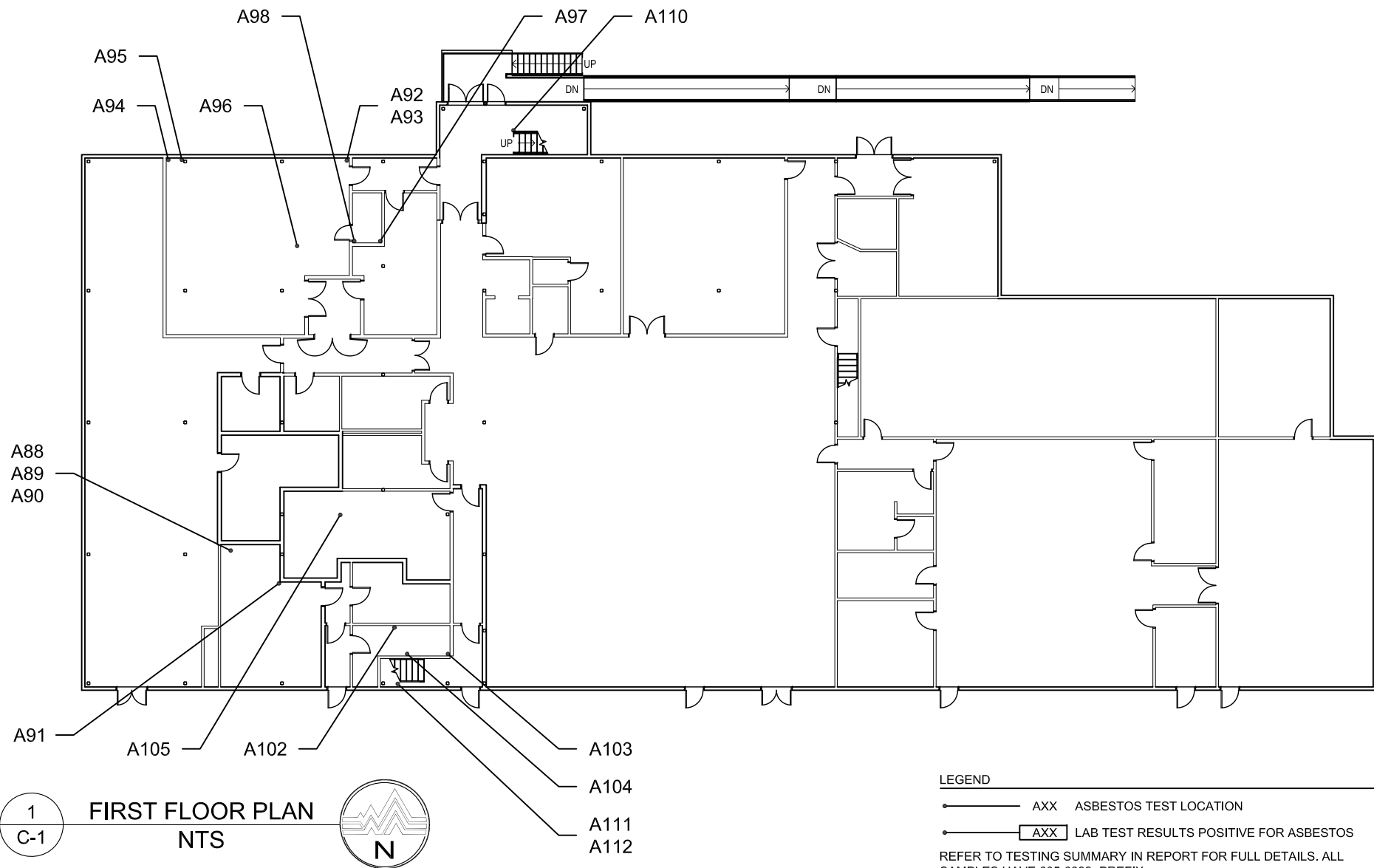
mg/cm²: This is the testing results produced by the Heuresis Pb200i instrument in milligrams of lead per square centimeter (mg/cm²). The EPA defines lead based paint as paint containing lead at 1.0 mg/cm² or greater. A negative number is a result of an internal computation made by the instrument and should be interpreted as zero. Even though paint may be termed negative (less than 1.0 mg/cm²) by EPA definition, disturbance of the paint may still be regulated by OSHA under 29 CFR 1926.62. Where lead is present at any level, appropriate engineering controls, work practices and personal protective equipment should be used until a negative exposure assessment can be determined. <LOD indicates that the lead present was less than the limits of detection of the instrument (very little or no lead present).

VOID: This indicates that the test was intentionally terminated by the operator due to operator error (e.g. - operator moved analyzer while testing).

Substrate: Where ceramic is shown as a substrate, lead content is typically from the glazing on the tile unless the tile is painted.

APPENDIX D

Drawings of Sample Locations

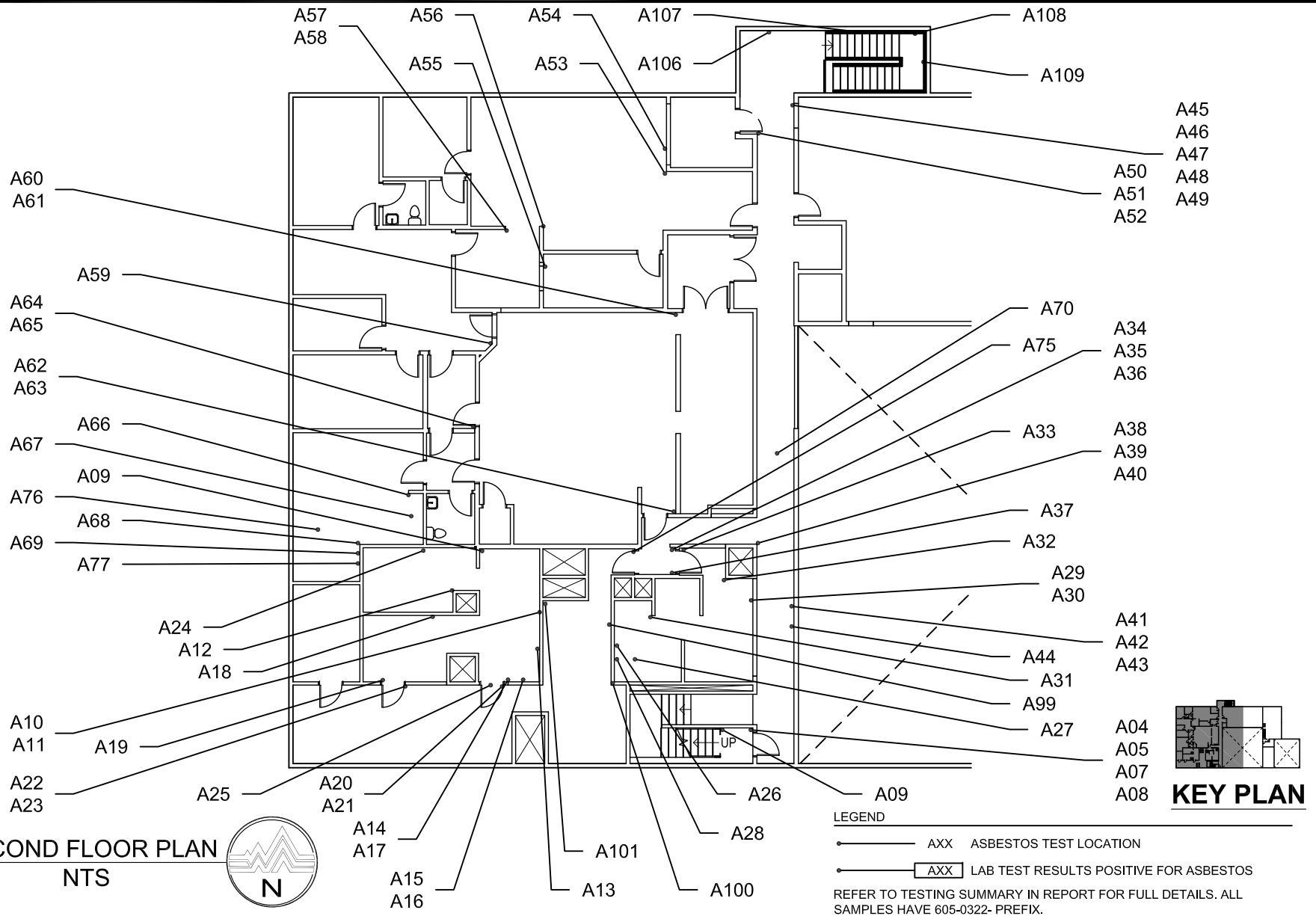


ALASKA
COURT
SYSTEM

KOTZEBUE COURTHOUSE
KOTZEBUE, ALASKA
ASBESTOS SAMPLE LOCATIONS



DRAWN: JHL	DATE: 03/22-23/2022
CHECK: RAF	
FILE #:	DWG.NO:
7768-SL	C-1

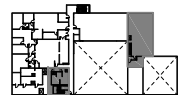
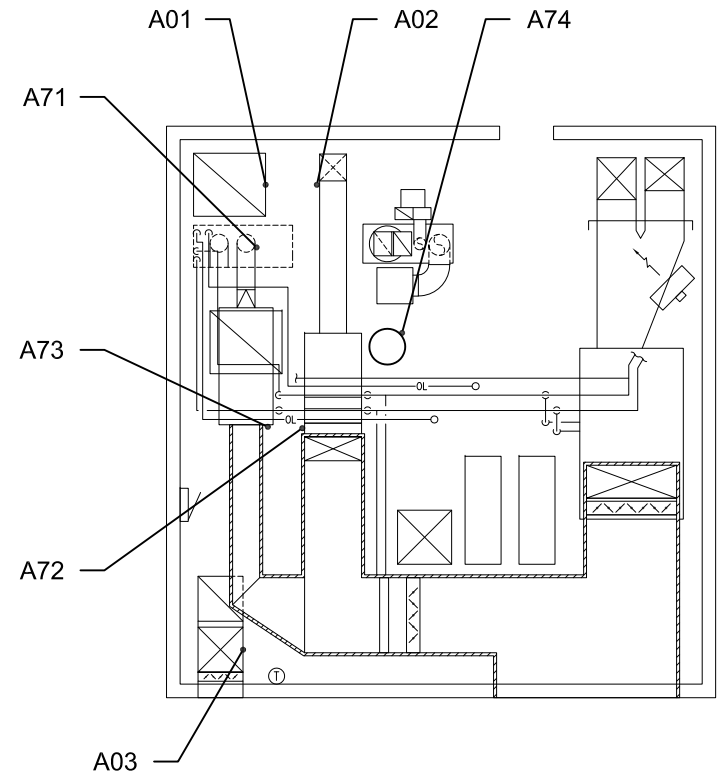
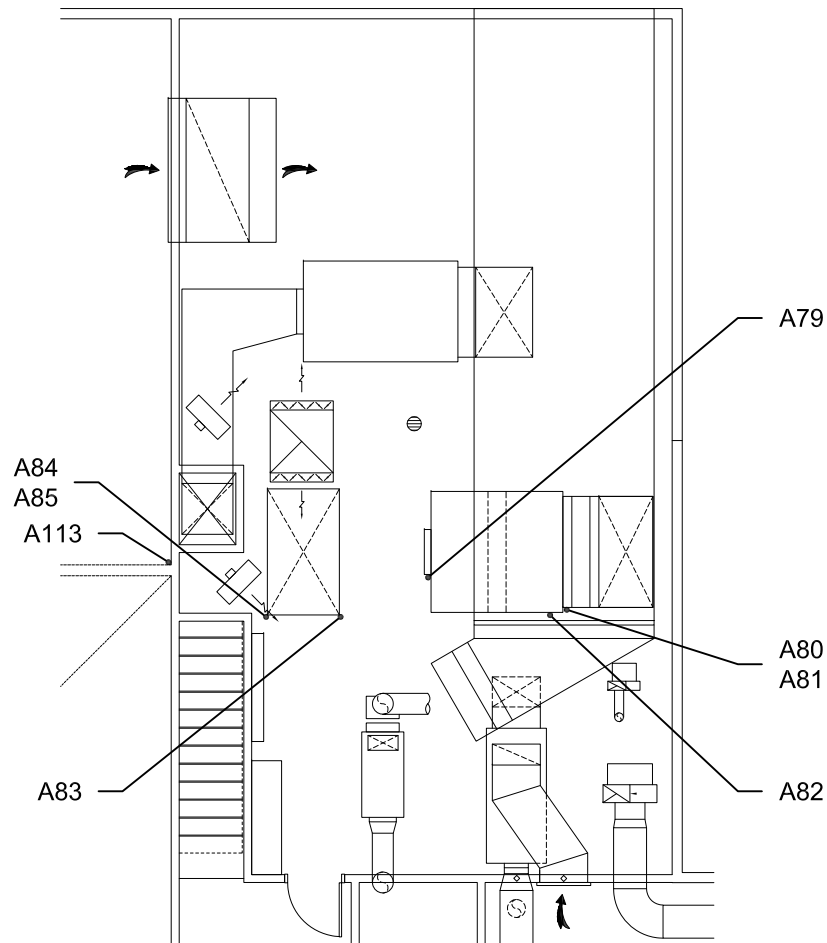


ALASKA
COURT
SYSTEM

KOTZEBUE COURTHOUSE
KOTZEBUE, ALASKA
ASBESTOS SAMPLE LOCATIONS



DRAWN: JHL	DATE: 03/22-23/2022
CHECK: RAF	
FILE #:	DWG.NO:
7768-SL	C-2



KEY PLAN

LEGEND

- AXX ASBESTOS TEST LOCATION
- AXX LAB TEST RESULTS POSITIVE FOR ASBESTOS

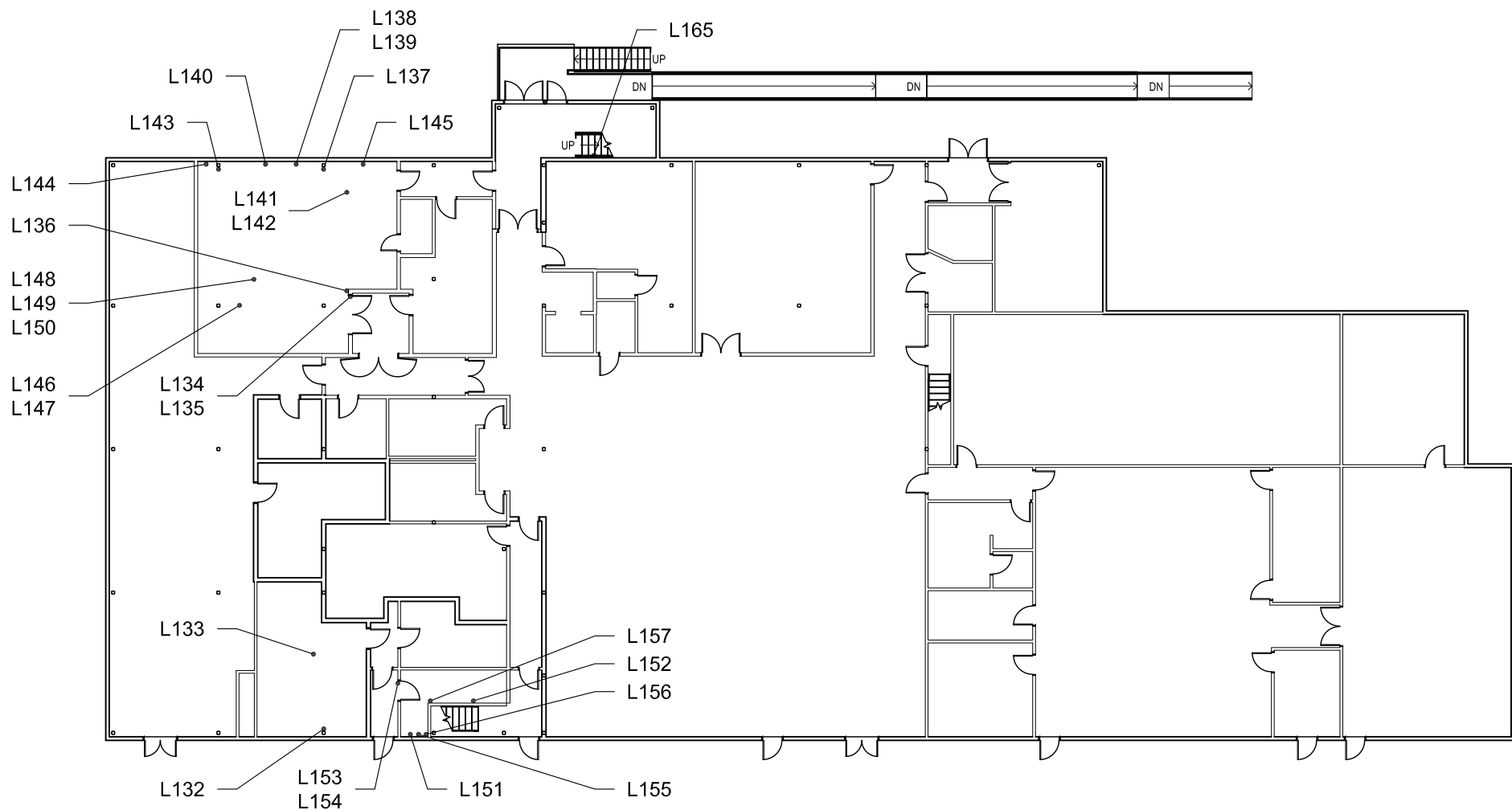
REFER TO TESTING SUMMARY IN REPORT FOR FULL DETAILS. ALL SAMPLES HAVE 605-0322- PREFIX.

ALASKA
COURT
SYSTEM

KOTZEBUE COURTHOUSE
KOTZEBUE, ALASKA
ASBESTOS SAMPLE LOCATIONS



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FILE #:	
7768-SL	



1
C-4

FIRST FLOOR PLAN NTS



LEGEND

- LXX LEAD TEST LOCATION
- LXX LEAD TEST CONTAINING ≥ 1.0 mg/cm² OF LEAD

REFER TO TESTING SUMMARY IN REPORT FOR FULL DETAILS.

ALASKA
COURT
SYSTEM

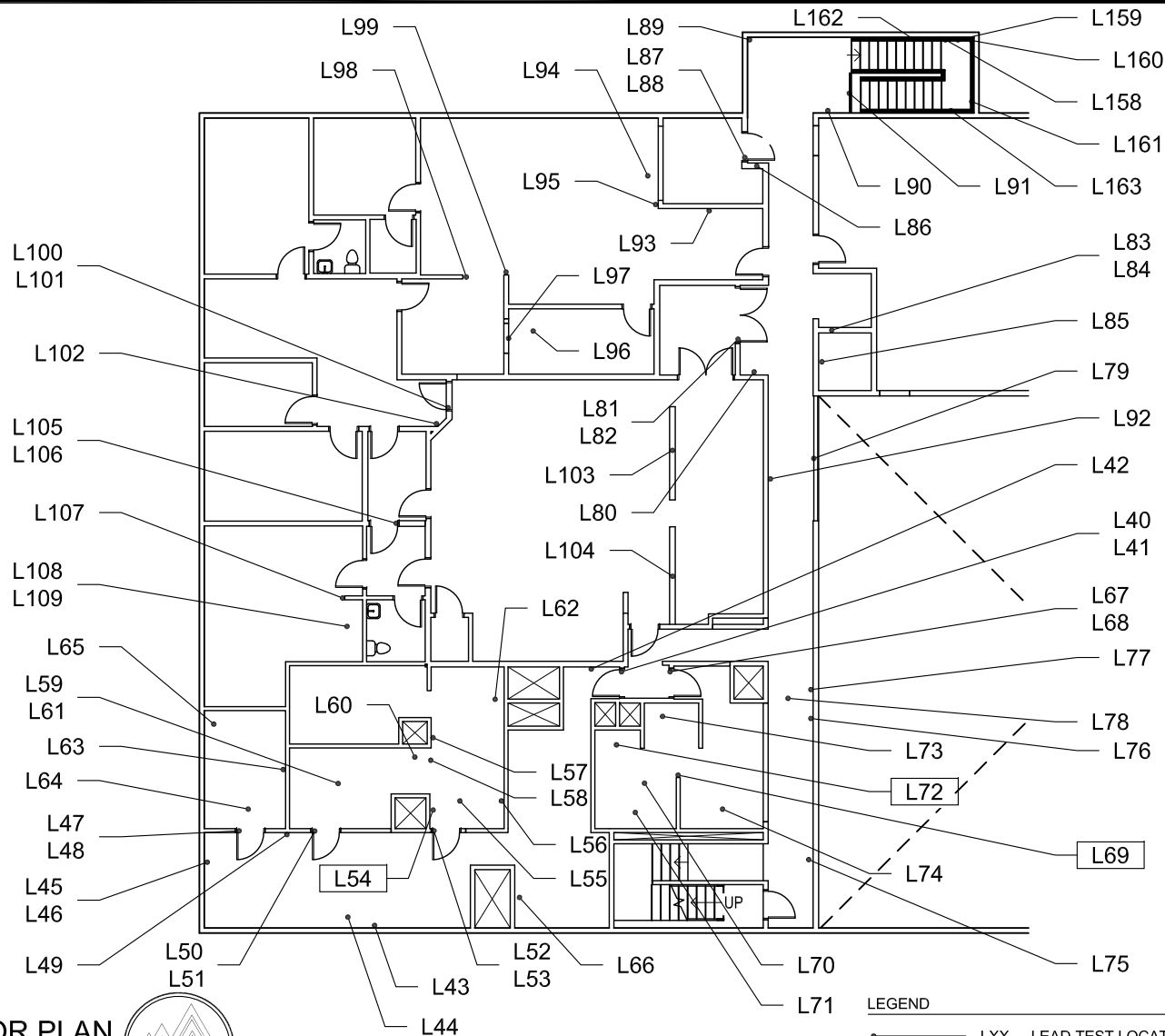
KOTZEBUE COURTHOUSE
KOTZEBUE, ALASKA
LEAD SAMPLE LOCATIONS



EHS ALASKA
INCORPORATED

ENGINEERING, HEALTH & SAFETY CONSULTANTS

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KEY PLAN

1
C-5
SECOND FLOOR PLAN
NTS
N

LEGEND

- LXX LEAD TEST LOCATION
- LXX LEAD TEST CONTAINING ≥ 1.0 mg/cm² OF LEAD

REFER TO TESTING SUMMARY IN REPORT FOR FULL DETAILS.

ALASKA
COURT
SYSTEM

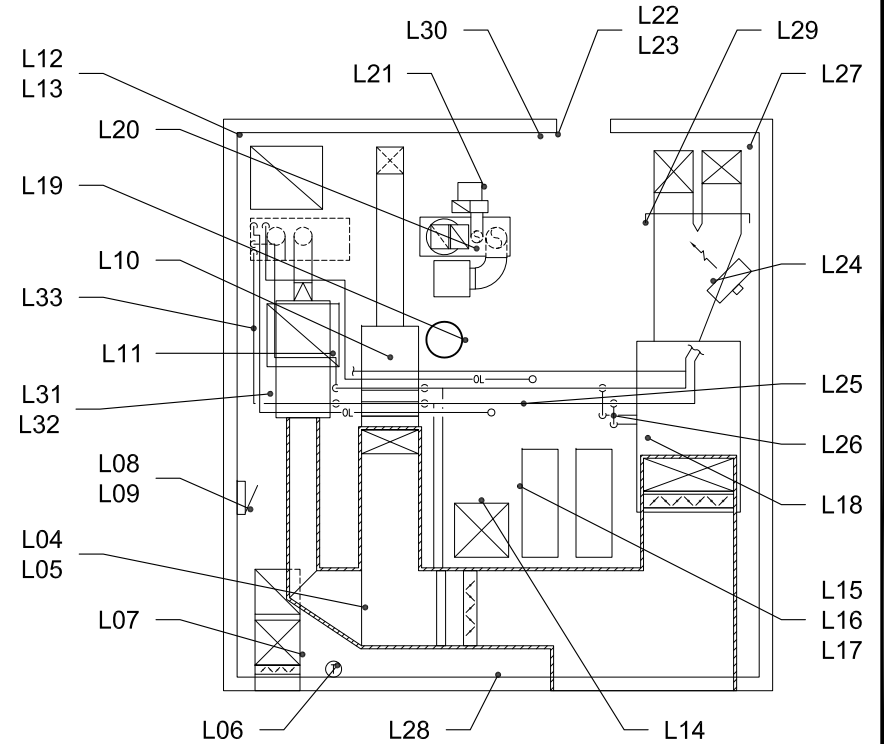
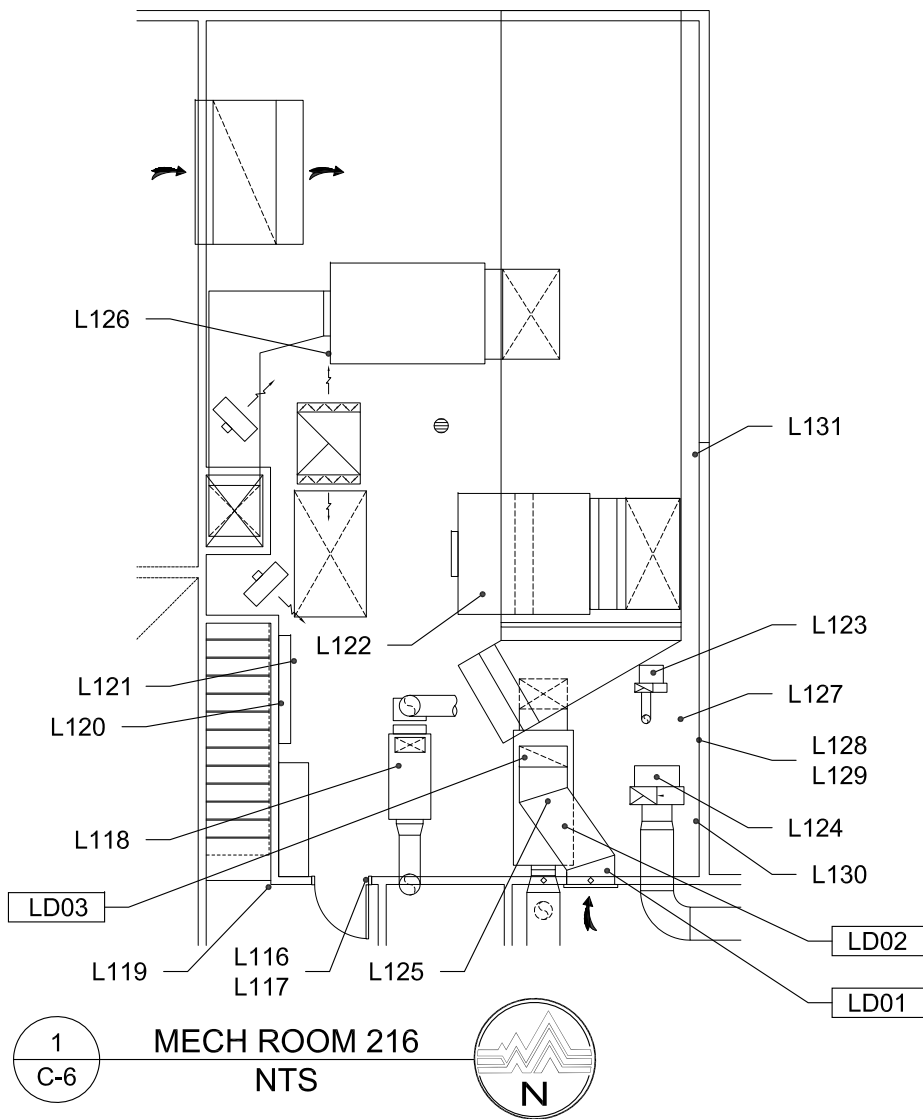
KOTZEBUE COURTHOUSE
KOTZEBUE, ALASKA
LEAD SAMPLE LOCATIONS



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KEY PLAN

LEGEND

- LXX LEAD TEST LOCATION
- LXX LEAD TEST CONTAINING ≥ 1.0 mg/cm² OF LEAD
- LDXX LEAD DUST TEST LOCATION
- LDXX LEAD DUST LEVELS GREATER THAN 200 μ g/ft²

REFER TO TESTING SUMMARY IN REPORT FOR FULL DETAILS. ALL LEAD DUST SAMPLES HAVE KCH0322- PREFIX.

ALASKA
COURT
SYSTEM

KOTZEBUE COURTHOUSE
KOTZEBUE, ALASKA
LEAD SAMPLE LOCATIONS



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