EA GROUP
Environmental Analysis and Management

October 6, 2023

Mr. Dave Boyer
Shaker Heights City School District
15600 Parkland Drive
Shaker Heights, Ohio 44120

RE: **Full Building Hazardous Materials Assessment**
Ludlow Elementary School, 14201 Southington Road, Shaker Heights, Ohio
OH45671

Description of Work

EA Group, Mentor, Ohio was contracted by Shaker Heights City School District to conduct a full building hazardous materials assessment of Ludlow Elementary School at 14201 Southington Road in Shaker Heights, Ohio. The assessment activities included a survey for asbestos-containing materials (ACMs), an x-ray fluorescence (XRF) survey to identify lead-based paint (LBP) by definition, sampling and analysis of paints on representative surfaces to determine lead content; sampling and analysis of drinking water for copper and lead, an inventory of non-incandescent lighting and other "universal waste"-type materials and regulated refrigerants, and a preliminary mold inspection. This report provides the results of the hazardous materials assessment.

Surveying and sampling activities were performed by EA Group representatives Scott Landis and Christopher Hatfield during the period of September 11 to 14, 2023.

Asbestos Survey

EA Group's licensed Asbestos Hazard Evaluation Specialist Christopher Hatfield, ES35398, inspected the building, developed a sampling strategy, and procured bulk samples of suspect ACM during the period of September 11 to 14, 2023. Homogeneous Groups of suspect ACM are identified on the *Asbestos Inspection Data Sheet* forms in Appendix B. Classification of any positively identified ACM has been made per National Emission Standard for Hazardous Air Pollutants (NESHAP) regulations, with notations for compliance with Occupational Safety and Health Administration (OSHA) regulations, if and where applicable. Room/area designations and sampling locations for the survey are provided on the schematics in Appendix A.

Objective and Limitations of the Inspection

The objective of this survey was to identify and sample suspect ACM in Ludlow Elementary School at 14201 Southington Road in Shaker Heights, Ohio, which is planned for renovation, pursuant to NESHAP and OSHA regulations.

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Suspect materials that could not be sampled without causing an unacceptable level of damage are identified as assumed ACMs. Roofing materials were not required to be sampled, and are also considered assumed ACM.

GENERAL LIMITATIONS

1. EA Group cannot guarantee that all ACM has been identified by this assessment.
2. Additional asbestos materials, not previously identified or quantified, are frequently encountered during renovation or demolition.
3. Actual quantities of asbestos material may vary from any estimates provided in EA Group's report due to identification of additional materials and difficulties in quantifying hidden or inaccessible materials.
4. Prior to demolition or renovation of any structure or equipment, suspect materials that were previously inaccessible or excluded from sampling should be sampled and analyzed for asbestos.

Asbestos Analysis

The bulk samples were analyzed by polarized light microscopy for asbestos content at or through the Laboratory Division of EA Group, which is accredited by the National Institute of Standards and Technology – National Voluntary Laboratory Accreditation Program. The United States Environmental Protection Agency requires all materials containing greater than one percent asbestos by weight to be considered asbestos-containing materials. Composite or layered analyses were performed, depending on the nature of a material. If an initial analysis indicated less than 10% asbestos, additional analysis (point-counting) was conducted. In all cases that at least one sample from a homogeneous group [Group] was determined to be ACM, the Group as a whole is considered ACM regardless of the results for any other samples from that Group. Similarly, in all cases that at least one sample from a Group was determined to contain a trace amount (≤1%) of asbestos, following point-counting, the Group as a whole is considered to contain trace asbestos for potential OSHA compliance purposes. The scope of analytical work may also have included the provision that once one sample from a Group was determined to be ACM, the Group was considered confirmed ACM and analysis of any remaining samples from that Group was not required to be performed. Analytical results are provided in Appendix D.

Results of Asbestos Analysis

The materials that were sampled as suspect and were determined to contain regulated amounts of asbestos are identified in Table 1, which also include materials determined to be non-ACM, at least by EPA definition, and any assumed ACMs.

Although the mastic component [of Group C] and 12"x12" floor tiles component [of Group L] are non-ACM by EPA's definition, at least some of the samples that were analyzed were determined to contain trace amounts (≤1%) of asbestos, following point-counting. Because OSHA regulates potential employee exposure to any amount of asbestos, including "trace" concentrations, renovation activities that would affect these specific materials would still be governed under OSHA regulations, requiring appropriate worker protection and procedures when handling the materials, but would not be regulated under other EPA regulations. Any waste material generated from these Groups during the planned work activities would not be considered asbestos-containing waste. The occurrences of these Groups are identified on the *Asbestos Inspection Data Sheet* forms by the notation "0,B" under the Results column.

It is noted that, although the floor tile component for Group L was determined to be non-ACM by EPA's definition, the mastic component was confirmed ACM. For abatement/removal purposes, the Group as a whole is considered ACM, as the asbestos-containing mastic will likely adhere to the floor tile component.

Estimated removal costs for the identified and assumed ACMs, based on currently known or estimated quantities and assuming all materials will be removed, are provided in Table 2, attached.

Any activities that involve the handling or disturbance of ACM or materials containing trace asbestos should be carried out by a licensed abatement contractor or other appropriately trained personnel in accordance with all applicable regulations.

It is recommended that this document be maintained with your Asbestos Hazard Emergency Response Act (AHERA) documentation for future reference and incorporation into future inspections/reinspections.

XRF Survey for Lead-Based Paint (LBP)

An XRF survey was conducted to identify LBP by definition. LBP by U.S. EPA definition contains a concentration of lead 1.0 milligrams per square centimeter (mg/cm²) or greater by XRF technology.

The XRF survey was performed by EA Group's licensed Lead Risk Assessor Scott Landis (LA002860) during a period of September 11 to 14, 2023.

XRF Testing Procedures

The survey was performed using a Thermo Scientific NITON® x-ray fluorescence (XRF) analyzer. Applicable component types, on varying substrates, were assessed. Surfaces that resulted in a lead concentration greater than or equal to 1.0 mg/cm² were classified as *lead-based* paint. Initial daily calibration checks and on-site calibration (SHUTTER_CAL) checks were performed, and were within the recommended ranges. Calibration checks were also taken in the test mode using the manufacturer's National Institute of Standards and Technologies (NIST)-traceable standard (VERIFICATION). The results of the surveys are provided in Appendix C-1 (XRF Survey Results - Positive Surfaces), C-2 (XRF Survey Results - All Readings) and C-3 (XRF Survey Results - Raw Data). Room designations are the same as those on the drawings in Appendix A.

The sides (or walls) in a room are identified sequentially (A, B, C, D), with Side A being the wall with the entry doorway, then proceeding in clockwise order. If a side had more than one common "assembly" (e.g., doorway, window), the assemblies were numbered sequentially, with "1" being on the left when facing the wall. All components within a given room/area were assessed; therefore, the results apply only to that specific room/area and component.

XRF Testing Results

A summary of the components that tested positive for LBP and locations is provided in Appendix C-1. As indicated in the summary table, components identified as coated with LBP consisted of walls (predominant); ceilings; wooden trim; and window, door, and stairs components. At the time of the inspection, conditions ranged from intact to deteriorated.

Conclusions

Results from this assessment should be taken into consideration during any planned renovations or other cleaning/stabilization that may be conducted, and when determining required compliance with Ohio Department of Health (ODH) or Environmental Protection Agency (EPA) Repair, Renovation and Painting regulations. Contractors or other individuals performing work affecting the paint should be provided all available information so they are able to adhere to the applicable OSHA requirements for worker safety with regard to lead. For any renovation or other activity affecting components not identified as being coated with LBP in a given room or area, even though the lead level may not

exceed the thresholds defining LBP, the components may still contain lead and OSHA regulations may apply to contractors.

Paint Chip Sampling of Suspect Lead-Based Paint

A total of 24 representative painted surfaces were sampled for lead content analysis. This was not a comprehensive mapping of all painted surfaces, and was limited to sampling and analysis of representative painted components. Locations and components sampled are identified in Table 3, attached. Room/area designations and sampling locations for the survey are provided on the schematics in Appendix A. Each sample was placed in an individual 4-mil resealable plastic bag, given a unique sample identification number, and then transported to the Laboratory Division of EA Group for analysis.

Paint Chip Sample Analysis

Each sample was analyzed in accordance with U.S. EPA SW846 Method 6010B for total lead. The results of the analysis are summarized in Table 3, attached, and detailed in the Laboratory Analytical Report in Appendix D.

Results

The U.S. EPA defines paint that contains more than 5000 milligrams per kilogram (mg/kg) [equivalent to parts per million (ppm)] of lead as *lead-based paint* (LBP). The Consumer Product Safety Act "Ban of Lead-Containing Paint and Certain Consumer Products Bearing Lead-Based Paint" defines paint that contains more than 600 mg/kg as lead-containing paint. OSHA regulates potential employee exposure to lead, regardless of the concentration in paint.

As shown in Table 3, 17 of the samples contained detectable (quantifiable) concentrations of lead, four at concentrations representative of LBP and seven at concentrations representative of lead-containing paint. The information on these paints should be provided to any contractors who will be disturbing the painted surfaces coated with these paints so they can conform with applicable OSHA regulations.

Any waste debris associated with the paints that contain more than 100 mg/kg of total lead may constitute "hazardous waste" due to lead toxicity, particularly if paint chip waste is generated. Depending on the type of waste generated, sampling of wastes associated with these specific paints for analysis for lead by toxicity characteristic leaching procedure (TCLP) protocol may be required.

Sampling and Analysis of Drinking Water

The purpose of the drinking water sampling and analysis was to determine representative concentrations of copper and lead in potential drinking water sources throughout Ludlow Elementary School. Sampling was performed on September 12, 2023 by EA Group's Environmental Technician Christopher Hatfield. All sources were reviewed on September 11, 2023 with the on-site Shaker Heights City School District representative, and Shaker Heights City School District was responsible for ensuring that each source remained out of use for a minimum of eight hours prior to sampling.

Sources included sinks and drinking fountains, as identified on Table 4. Sampling consisted of a first-draw sample, secured immediately upon turning on the supply, and a flush sample, secured after allowing water to flow for 30 seconds. Table 4 provides the sample identification number, location, source description, and time sampled.

Samples were discharged directly into laboratory-supplied containers (nitric acid-preserved for total lead), placed in shipping containers, and delivered to the Alloway Laboratories in Marion, Ohio, who is certified by Ohio Environmental Protection Agency (EPA) Division of Drinking and Ground Water for analysis of trace metals in public drinking water systems, and is also certified under the National Environmental Laboratory Accreditation Conference (NELAC) standards. Chain-of-custody protocol was maintained throughout. Results are summarized in Table 4, and are detailed in the laboratory data report in Appendix D.

The results of the analyses for total lead were compared to the National Primary Drinking Water Standard (NPDWS) Action Level (AL) of 1300 micrograms per liter (µg/l) for copper and 15 µg/l for lead. It is noted that these standards are applicable to (and enforceable for) public water systems (PWSs), not to consumers, and are provided as a basis for comparison to assess any effects internal plumbing may have on the water provided by the PWS.

A total of 14 sources were identified and sampled. Results indicated that concentrations of copper for all sources were below the NPDWS AL, and seven sources had concentrations of lead in either the first draw sample or flush sample above the NPDWS. Six of the seven were in the first draw sample, typically indicating a potential source of lead in near proximity to the outlet. Corrective actions to be considered may include taking the sources out of service, resampling to confirm initial results, investigating the possible faucet or immediate piping as the source, and consider changing out the faucet and immediate piping source. Although the source identified as Women's Staff Restroom Sink [first draw sample] had a concentration of lead equal to the AL, it did not exceed the AL.

Non-Incandescent Lighting, "Universal Waste" Materials, and Refrigerants

The building was inspected for various universal waste-type materials that may need to be addressed prior to or as part of renovation activities. These consisted of non-incandescent lighting fixtures (fluorescent lamps and potential ballasts); suspect mercury-containing equipment [MCE] (e.g., thermostats, switches); emergency lighting/exit signs, which typically house lead-containing rechargeable batteries [gel cells, sealed lead-acid]; and, refrigerant units (e.g., drinking fountains) that may contain regulated chlorofluorocarbon (CFC) refrigerant. Commercial entities that can manage or assist with managing these types of materials may be found at the new/revised Ohio EPA website "https://recyclesearch.com/profile/ohioepa-recycling-directory".

A total of four eight-foot lamps, 916 four-foot lamps, 20 two-foot lamps, 25 high intensity discharge lamps, and five compact fluorescent lamps were noted, with approximately 396 ballasts, which may or may not contain polychlorinated biphenyls (PCBs). If to be removed, these should all be provided for reclamation because of the mercury in the lamps and possible PCBs in the ballasts.

One suspect mercury switch was noted in the Basement, and this should be replaced, with the switch being provided for mercury reclamation.

Three suspect mercury-containing thermostats were observed between the Second Floor and the Basement and will need to be provided for reclamation. A number of HVAC companies provide thermostat recycling programs. Some of the companies are listed at the Ohio EPA website. The Thermostat Recycling Corporation (TRC) is a non-profit corporation that facilitates the collection of all brands of used, wall-mounted mercury-switch thermostats so that the mercury can be re-claimed. Details are available at [www.thermostat-recycle.org/]. Typically, the thermostats are taken at no cost to the owner.

Fifteen exit signs and three emergency lighting units were noted. If these are to be disposed, they would need to be provided for reclamation.

No refrigerant sources were observed.

Preliminary Mold Inspection

The building was inspected for obvious signs of water damage, water intrusion and/or the presence of mold. Stained ceiling panels were noted in Rooms 205, 207, 209 and 210 on the Second Floor, and water damaged wall plaster was present in Room 205. No resident moisture or suspect visible growth

was identified. Please be aware that if walls are removed or penetrated, differing conditions may be encountered.

If you have any questions or concerns regarding the above information, please contact the undersigned. Thank you for consulting EA Group.

Sincerely,

EA Group

Timothy S. Bowen,
Vice President/Technical Director

Scott Landis,
LA002860

Christopher Hatfield,
ES35398

Table 1 Summary of Results - Ludlow Elementary School, Shaker Heights, Ohio

Group	ID # OH45671	MATERIAL DESCRIPTION	Material Type	RESULT
A	01	Plaster; Ceiling	M/NF2	0
A	02	Plaster; Ceiling	M/NF2	0
A	03	Plaster; Ceiling	M/NF2	0
A	04	Plaster; Ceiling	M/NF2	0
A	05	Plaster; Ceiling	M/NF2	0
B	06	Plaster; Wall	M/NF2	0
B	07	Plaster; Wall	M/NF2	0
B	08	Plaster; Wall	M/NF2	0
B	09	Plaster; Wall	M/NF2	0
B	10	Plaster; Wall	M/NF2	0
B	11	Plaster; Wall	M/NF2	0
B	12	Plaster; Wall	M/NF2	0
C	13	1'x1' Ceiling Tile & mastic; Pockmark, Pinhole	M	0,B[M]
C	14	1'x1' Ceiling Tile & mastic; Pockmark, Pinhole	M	0,B[M]
D	15	Ceiling Panel; Small Fissure, Pinhole	M	0
D	16	Ceiling Panel; Small Fissure, Pinhole	M	0
E	Assumed	Tackboard Adhesive	M/NF2	**[+]**
F	Assumed	Chalkboard Adhesive	M/NF2	**[+]**
G	Assumed	Wood Floor Underlay	M/NF2	**[+]**
H	17	Plaster; Wall	M/NF2	0
H	18	Plaster; Wall	M/NF2	0
I	Assumed	Chalkboard/Tackboard Adhesive	M/NF2	**[+]**
J	19	Sink Bottom Coating; Black	M/NF2	**[+],B**
J	20	Sink Bottom Coating; Black	M/NF2	**([+])**
K	21	4" Cove Base & mastic; Brown	M/NF1	0
K	22	4" Cove Base & mastic; Brown	M/NF1	0
L	23	12"x12" Floor Tile & mastic; Tan w/ brown	M/NF1	0,B[FT] **[+][M]**
L	24	12"x12" Floor Tile & mastic; Tan w/ brown	M/NF1	**([+])**
M	25	Duct Flex Connector	M/NF2	0
M	26	Duct Flex Connector	M/NF2	0
N	27	Wall Coating; Black	M/NF2	0
N	28	Wall Coating; Black	M/NF2	0
O	29	Ceramic Wall Tile Adhesive	M/NF2	0
O	30	Ceramic Wall Tile Adhesive	M/NF2	0
P	31	Drywall System	M/NF2	0
P	32	Drywall System	M/NF2	0
P	39	Drywall System	M/NF2	0
Q	33	4" Cove Base & mastic; Black	M/NF1	0
Q	34	4" Cove Base & mastic; Black	M/NF1	0

Table 1 Summary of Results - Ludlow Elementary School, Shaker Heights, Ohio

Group	ID # OH45671	MATERIAL DESCRIPTION	Material Type	RESULT
R	35	Carpet Mastic	M/NF1	0
R	36	Carpet Mastic	M/NF1	0
S	37	Residual Adhesive	M/NF2	0
S	38	Residual Adhesive	M/NF2	0
T	40	Plaster; Ceiling	M/NF2	0
T	41	Plaster; Ceiling	M/NF2	0
T	42	Plaster; Ceiling	M/NF2	0
U	43	Plaster; Wall	M/NF2	0
U	44	Plaster; Wall	M/NF2	0
U	45	Plaster; Wall	M/NF2	0
V	46	Drywall System	M/NF2	0
V	47	Drywall System	M/NF2	0
W	48	12"x12" Floor Tile & mastic; Red	M/NF1	0
W	49	12"x12" Floor Tile & mastic; Red	M/NF1	0
X	50	Acoustical Plaster; Ceiling	S	0
X	51	Acoustical Plaster; Ceiling	S	0
X	52	Acoustical Plaster; Ceiling	S	0
Y	Assumed	1'x1' Ceiling Tile & mastic; Patterned Hole	M	**[+]**
Z	Assumed	2'x2' Ceiling Panel; Small Fissure, Pinhole	M	**[+]**
AA	53	Cove Base & mastic; Black	M/NF1	0
AA	54	Cove Base & mastic; Black	M/NF1	0
AB	55	MAG Pipe Insulation	T	**[+]**
AB	56	MAG Pipe Insulation	T	**([+])**
AB	57	MAG Pipe Insulation	T	**([+])**
AC	58	9"x9" Floor Tile & mastic; Beige w/ brown	M/NF1	0
AC	59	9"x9" Floor Tile & mastic; Beige w/ brown	M/NF1	0
AD	60	1'x1' Ceiling Tile & mastic; Fissure, Pinhole	M	0
AD	61	1'x1' Ceiling Tile & mastic; Fissure, Pinhole	M	0
AE	62	Decorative Plaster; Molding	M/NF2	0
AE	63	Decorative Plaster; Molding	M/NF2	0
AF	64	4" Cove Base & mastic; Tan	M/NF1	0
AF	65	4" Cove Base & mastic; Tan	M/NF1	0
AG	66	12"x12" Floor Tile & mastic; Tan w/ blue flake	M/NF1	0
AG	67	12"x12" Floor Tile & mastic; Tan w/ blue flake	M/NF1	0
AH	68	Drywall System	M/NF2	0
AH	69	Drywall System	M/NF2	0
AH	70	Drywall System	M/NF2	0
AI	71	4" Cove Base & mastic; Gray	M/NF1	0
AI	72	4" Cove Base & mastic; Gray	M/NF1	0

Table 1 Summary of Results - Ludlow Elementary School, Shaker Heights, Ohio

Group	ID # OH45671	MATERIAL DESCRIPTION	Material Type	RESULT
AJ	73	Sink Bottom Coating; Gray	M/NF2	**[+],B**
AJ	74	Sink Bottom Coating; Gray	M/NF2	**([+])**
AK	Assumed	1'x1' Ceiling Tile & mastic	M	**[+]**
AL	75	Textured Plaster; Wall	M/NF2	0
AL	76	Textured Plaster; Wall	M/NF2	0
AM	77	6" Cove Base & mastic; Black	M/NF1	0
AM	78	6" Cove Base & mastic; Black	M/NF1	0
AN	79	Flooring & mastic; Gray	M/NF1	0
AN	80	Flooring & mastic; Gray	M/NF1	0
AO	81	Plaster; Ceiling	M/NF2	0
AO	82	Plaster; Ceiling	M/NF2	0
AP	83	Plaster; Wall	M/NF2	0
AP	84	Plaster; Wall	M/NF2	0
AQ	Assumed	Door Core	M	**[+]**
AR	85	Paper Pipe Insulation	T	0
AR	86	Paper Pipe Insulation	T	0
AR	87	Paper Pipe Insulation	T	0
AS	88	Paper Pipe Insulation Fittings	T	**[+]**
AS	89	Paper Pipe Insulation Fittings	T	**([+])**
AS	90	Paper Pipe Insulation Fittings	T	**([+])**
AT	Assumed	Boiler Heat Exchanger Caulk	M/NF2	**[+]**
AU	91	Boiler Flue Insulation	T	**[+]**
AU	92	Boiler Flue Insulation	T	**([+])**
AU	93	Boiler Flue Insulation	T	**([+])**
AV	94	Incinerator Liner	M/NF2	0
AV	95	Incinerator Liner	M/NF2	0
AW	96	Tank Insulation	T	**[+]**
AW	97	Tank Insulation	T	**([+])**
AW	98	Tank Insulation	T	**([+])**
AX	Assumed	Flat Roof Material	M/NF1	**[+]**
AY	Assumed	Flat Roof Flashing	M/NF1	**[+]**
AZ	Assumed	Slate Roof Felt	M/NF1	**[+]**
BA	99	Window Caulking	M/NF2	0
BA	100	Window Caulking	M/NF2	**[+],B**
BB	101	Window Glazing	M/NF2	0
BB	102	Window Glazing	M/NF2	**[+],B**
BC	103	Door Caulking	M/NF2	0
BC	104	Door Caulking	M/NF2	**[+],B**
BD	105	Door Caulking	M/NF2	0
BD	106	Door Caulking	M/NF2	0

Table 1 Summary of Results - Ludlow Elementary School, Shaker Heights, Ohio

Group	ID # OH45671	MATERIAL DESCRIPTION	Material Type	RESULT
BE	107	Window Caulking	M/NF2	0
BE	108	Window Caulking	M/NF2	0
BF	109	Door Caulking	M/NF2	**[+],B**
BF	110	Door Caulking	M/NF2	0

Group = Homogeneous Group identification

Material Type: S = Surfacing
T = Thermal System Insulation
M = Miscellaneous
NF1 = Non-Friable Category I
NF2 = Non-Friable Category II

Result: 0 = non-ACM
[+] = ACM
([+]) = one sample confirmed ACM, any remaining samples not required to be analyzed
B = verified by layering & point-counting
[+][M] = Floor Tile non-ACM; Mastic ACM
(Group as a whole considered ACM for removal purposes)
0,B = trace asbestos; non-ACM by EPA but OSHA may apply
0,B[M] = trace asbestos in mastic layer, none in floor tile or ceiling tile
0,B[FT] = trace asbestos in floor tile, none in mastic layer

Table 2. Estimated Cost for Removal of Known or Assumed ACMs
Shaker Heights City School District
Ludlow Elementary School, Shaker Heights, Ohio

[See NOTE regarding cost estimates]

RACM & Category II Non-Friable[1]	H.G.	Units	Estimated Cost Range
MAG Pipe Insulation	AB	623 LF	$6,230 - $12,460
Paper Pipe Insulation Fittings	AS	120 EA	$1,800 - $3,360
Tank Insulation	AW	150 SF	$750 - $2,250
Boiler Heat Exchanger Caulk	*AT*	*100 SF*	*$1,500 - $2,500*
Boiler Flue Insulation	AU	170 SF	$2,550 - $4,250
Wood Floor Underlay	*G*	*15,305 SF*	*$30,610 - $76,525*
Sink Bottom Coating; Gray	AJ	1 EA	$40 - $60
Sink Bottom Coating; Black	J	1 EA	$40 - $60
1'x1' Ceiling Tile & mastic	*AK*	*1,515 SF*	*$4,545 - $9,090*
Tackboard Adhesive	*E*	*1,645 SF*	*$4,935 - $9,870*
Chalkboard Adhesive	*F*	*1,095 SF*	*$3,285 - $6,570*
Chalkboard/Tackboard Adhesive	*I*	*170 SF*	*$510 - $1,020*
1'x1' Ceiling Tile & mastic; Patterned Hole	*Y*	*2,250 SF*	*$6,750 - $13,500*
2'x2' Ceiling Panel; Small Fissure, Pinhole	*Z*	*2,250 SF*	*$6,750 - $13,500*
Door Caulking	BC	5 SF	$20 - $20
Door Caulking	BF	1 SF	$4 - $4
Door Core	*AQ*	*7 EA*	*$140 - $350*
Window Caulking	BA	5 EA	$1,000 - $2,000
Window Glazing	BB	5 EA	$1,000 - $2,000
		Total	**$72,459 - $159,389**

Category I Non-Friable[1]	H.G.	Units	Estimated Cost Range
12"x12" Floor Tile & mastic; Tan w/ brown	L	1,570 SF	$1,570 - $4,710
Flat Roof Material	*AX*	*1,050 SF*	*$2,100 - $4,200*
Flat Roof Flashing	*AY*	*440 SF*	*$880 - $1,760*
Slate Roof Felt	*AZ*	*13,150 SF*	*$26,300 - $52,600*
		Total	**$30,900 - $63,300**

H.G. = homogeneous group
RACM = Regulated ACM, by definition
[1] = specific material removal technique may exclude from classification as RACM

Materials in *ITALICS* are considered assumed ACM

NOTE: Unit cost ranges for various materials are based on known historical bidding results. Unit costs and estimated cost totals in this table are estimates only, and do not represent project specific cost estimates.

Table 3. Summary of Paint Chip Sample Analysis for Lead
Shaker Heights City School District
Ludlow Elementary School, Shaker Heights, Ohio

September 14, 2023 Sampling

Sample ID	Location	Component	Color	Lead Content
OH45671- 01	Basement; Room 001	Boiler; Metal	Gray	< 39
OH45671- 02	Basement; Room 001	Incinerator; Metal	Silver	150
OH45671- 03	Basement; Room 001	Wall; Brick	Gray/Tan	590
OH45671- 04	Basement; Room 001	Floor; Concrete	Gray	490
OH45671- 05	Basement; Stair 1	Ceiling; Concrete	Beige	630 †
OH45671- 06	First Floor; Room 116	Radiator; Metal	Silver	4,400 †
OH45671- 07	First Floor; Room 116	Bulletin Board; Masonite	Tan	< 47
OH45671- 08	First Floor; Room 113	Univent; Metal	Beige	< 86
OH45671- 09	First Floor; Room 113	Shelf; Wood	Varnish	150
OH45671- 10	First Floor; Room 111	Floor; Wood	Varnish	< 48
OH45671- 11	First Floor; Room 104	Wall; Drywall	Blue	< 49
OH45671- 12	First Floor; Room 103	Window Casing; Wood	Varnish	2,200 †
OH45671- 13	First Floor; Room 117	Basketball Backboard; Wood	White/Red	3,500 †
OH45671- 14	First Floor; Room 118	Crown Molding; Wood	Varnish	2,900 †
OH45671- 15	First Floor; Room 117	Pipe; Metal	Black	320
OH45671- 16	First Floor; Janitor 2	Chair Rail; Wood	Gray	200
OH45671- 17	Second Floor; Room 212	Baseboard; Wood	Varnish	< 74
OH45671- 18	Second Floor; Room 212	Door Casing; Wood	Varnish	660 †
OH45671- 19	Second Floor; Room 213	Air Handler; Metal	Black	5,500 ‡
OH45671- 20	Second Floor; Rm 216 (Corridor)	Old Door	Varnish	1,800 †
OH45671- 21	Second Floor; Rm 216 (Corridor)	New Door	Varnish	< 160
OH45671- 22	Second Floor; Stair 2	Newell Post; Metal	Green	12,000 ‡
OH45671- 23	Exterior; Wall C	Window Sash; Wood	Beige	14,000 ‡
OH45671- 24	Gas House	Fascia Board; Wood	Beige	12,000 ‡

Results expressed in milligrams per kilogram (mg/kg).
‡ = Lead-based paint as defined by U.S. EPA (>5000 mg/kg)
† = Lead-containing paint as defined by Consumer Product Safety Act (>600 mg/kg)

[OSHA regulates potential exposure to any detectable level of lead]

Table 4. Summary of Potable Water Analytical Results
Shaker Heights City School District
Ludlow Elementary School, Shaker Heights, Ohio

September 12, 2023 Sampling

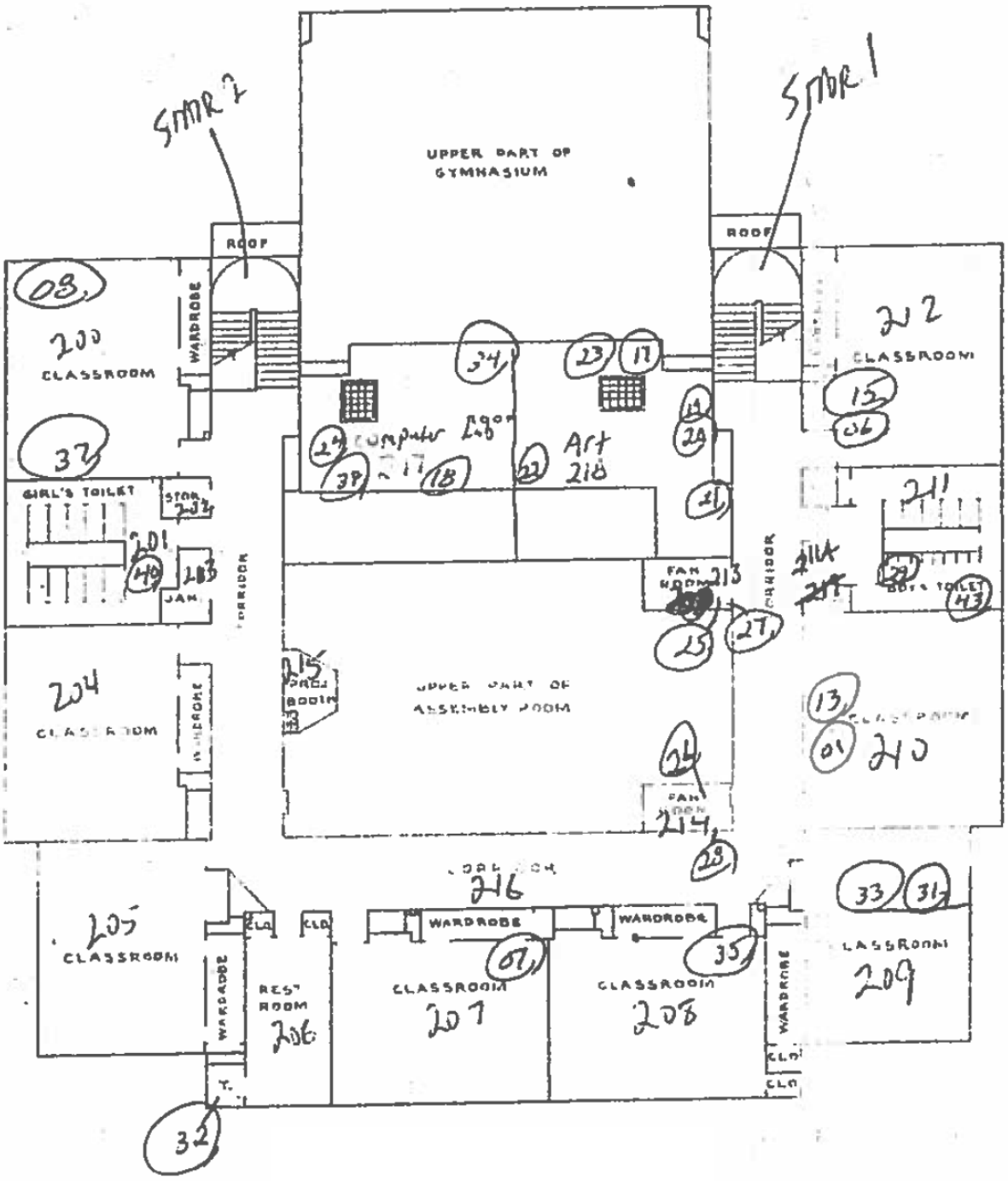
Sample ID OH45671-	Location	Source	First Draw/Flush	Time	Copper	Lead
091223- 01W	Basement	DF	FD	8:17	29	31 †
091223- 02W	Basement	DF	FL	8:18	< 10	3.2
091223- 03W	Basement	S	FD	8:19	76	46 †
091223- 04W	Basement	S	FL	8:20	< 10	< 2.0
091223- 05W	First Floor; Room 114 Boy's [right]	S	FD	8:24	700	20 †
091223- 06W	First Floor; Room 114 Boy's [right]	S	FL	8:25	99	5.7
091223- 07W	First Floor; Room 120 Kitchen	S	FD	8:27	89	6.4
091223- 08W	First Floor; Room 120 Kitchen	S	FL	8:28	60	< 2.0
091223- 09W	First Floor; Room 106 Restroom	S	FD	8:30	74	2.8
091223- 10W	First Floor; Room 106 Restroom	S	FL	8:31	100	3.9
091223- 11W	First Floor; Room 103 Restroom	S	FD	8:35	120	4.6
091223- 12W	First Floor; Room 103 Restroom	S	FL	8:36	78	3.0
091223- 13W	First Floor; Room 103 Lounge	S	FD	8:39	95	4.5
091223- 14W	First Floor; Room 103 Lounge	S	FL	8:40	76	3.3
091223- 15W	First Floor; Girl's Restroom 102 [left]	S	FD	8:43	480	85 †
091223- 16W	First Floor; Girl's Restroom 102 [left]	S	FL	8:44	92	4.6
091223- 17W	Second Floor; Girl's 201 [right]	S	FD	8:48	880	160 †
091223- 18W	Second Floor; Girl's 201 [right]	S	FL	8:49	140	9.9
091223- 19W	Second Floor; 206 Restroom	S	FD	8:54	74	17 †
091223- 20W	Second Floor; 206 Restroom	S	FL	8:55	72	3.4
091223- 21W	Second Floor; Boy's 211	S	FD	9:00	55	8.9
091223- 22W	Second Floor; Boy's 211	S	FL	9:01	47	< 2.0
091223- 23W	Second Floor; Art 218	S	FD	9:03	230	6.3
091223- 24W	Second Floor; Art 218	S	FL	9:04	380	4.1
091223- 25W	First Floor; Men's Staff Restroom	S	FD	NT	41	< 2.0
091223- 26W	First Floor; Men's Staff Restroom	S	FL	NT	49	6.6
091223- 27W	First Floor; Women's Staff Restroom	S	FD	NT	50	15
091223- 28W	First Floor; Women's Staff Restroom	S	FL	NT	32	22 †
PDWS Action Level					**1300**	**15**

FD = first draw sample; FL = flush sample
First draw samples obtained after 8 to 18 hour static period; flush samples obtained after water flushed one minute
DF = drinking fountain; S = sink;
NT = no time (recorded when sample obtained)
Results expressed in micrograms per liter (µg/L), equivalent to parts per billion (ppb)
PDWS = Primary Drinking Water Standards
Action Level = exceedances require water distribution systems to control water corrosiveness, if in main distribution
† = concentration exceeds PDWS Action Level

EA GROUP
Environmental Analysis and Management

APPENDIX A

Sampling Location and Room Designation Schematics



SECOND FLOOR

KEY

(01) Asbestos Sample No. & General Location

Asbestos Sampling Locations Diagram

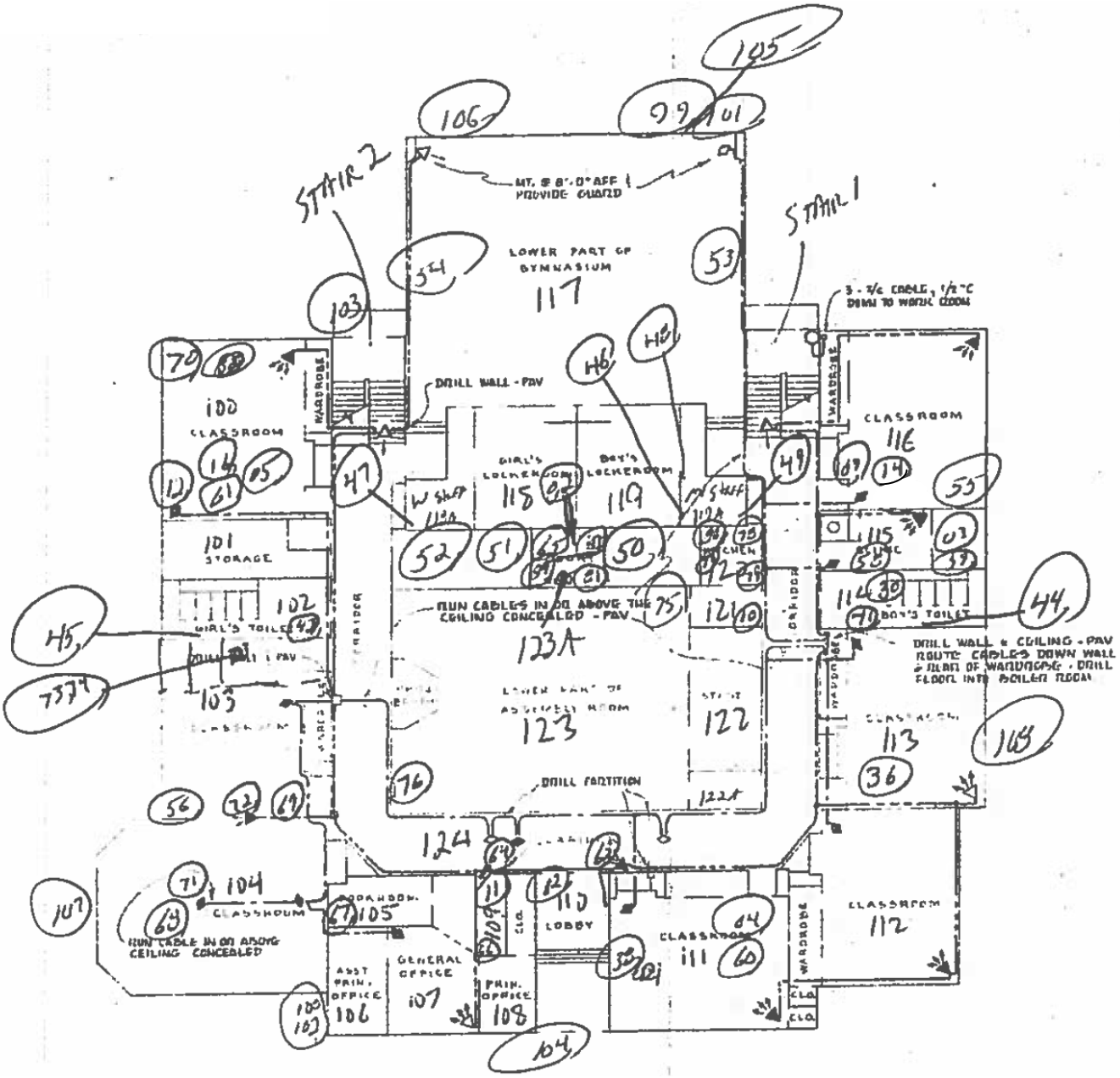
Ludlow Elementary School
14201 Southington Road, Shaker Heights, Ohio

EAG No. OH45671	Date: October 2, 2023	Figure 1

DRAWING FOR GENERAL REFERENCE PURPOSES ONLY. BASE PROVIDED BY CLIENT, ACTUAL ROOM CONFIGURATIONS MAY DIFFER FROM THOSE SHOWN; ANNOTATIONS BY EA GROUP. REFER TO SURVEY FOR DETAILS. NO SCALE.

F:\PROJECTS\EN\OH45671,SHAKERHEIGHTSCITYSCHOOLS\45671,SHAKERHTSSCHOOLS,LUDLOWES_FIG1_2NDFL.VSD

EA GROUP



FIRST FLOOR

KEY

(01) Asbestos Sample No. & General Location

Asbestos Sampling Locations Diagram

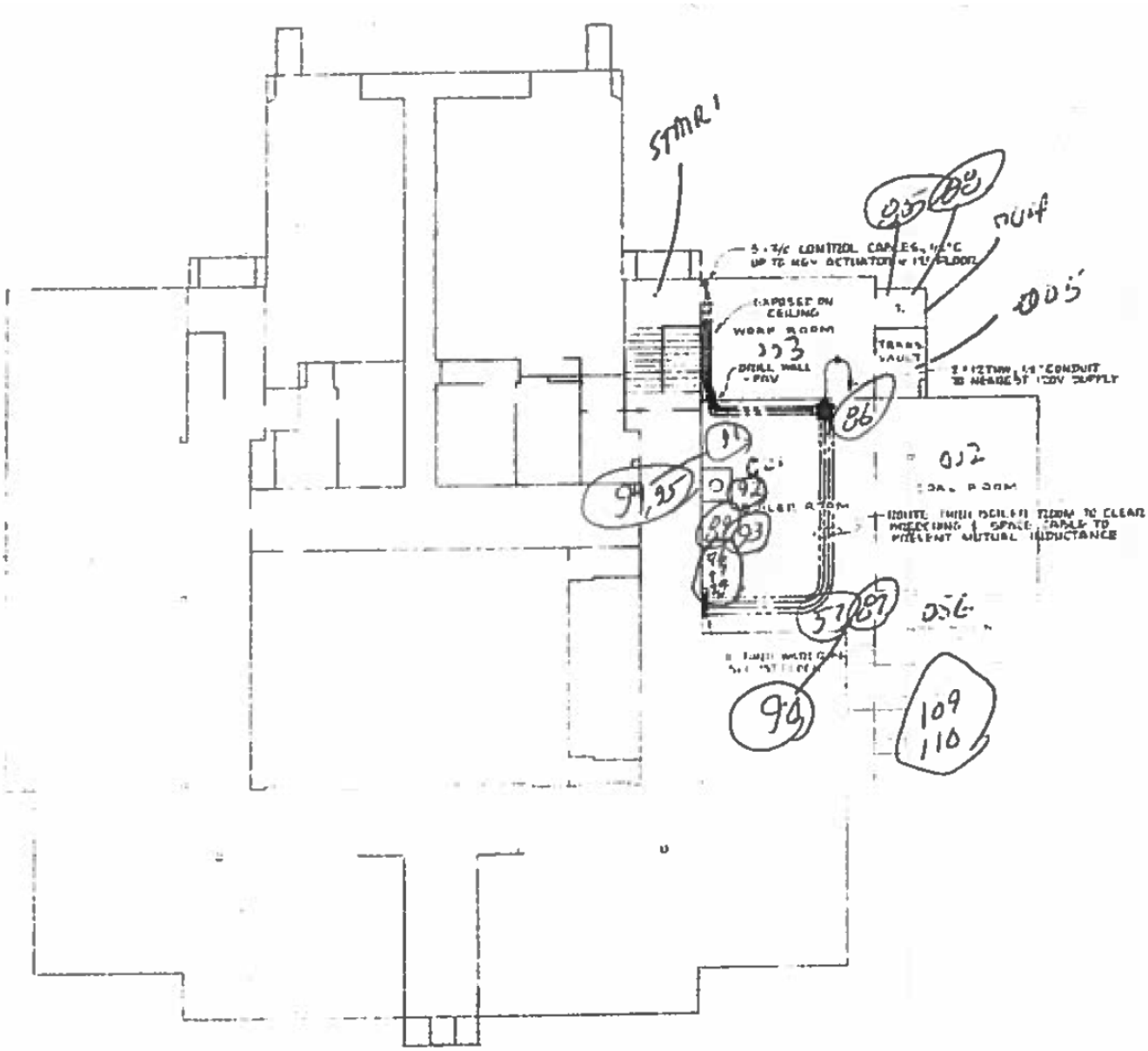
Ludlow Elementary School
14201 Southington Road, Shaker Heights, Ohio

EAG No. OH45671	Date: October 2, 2023	Figure 2

DRAWING FOR GENERAL REFERENCE PURPOSES ONLY. BASE PROVIDED BY CLIENT, ACTUAL ROOM CONFIGURATIONS MAY DIFFER FROM THOSE SHOWN; ANNOTATIONS BY EA GROUP. REFER TO SURVEY FOR DETAILS. NO SCALE.

F:\PROJECTS\EN\OH45671,SHAKERHEIGHTSCITYSCHOOLS\45671,SHAKERHTSSCHOOLS,LUDLOWES_FIG2_1STFL.VSD

EA GROUP



BASEMENT

KEY

(01) Asbestos Sample No. & General Location

Asbestos Sampling Locations Diagram

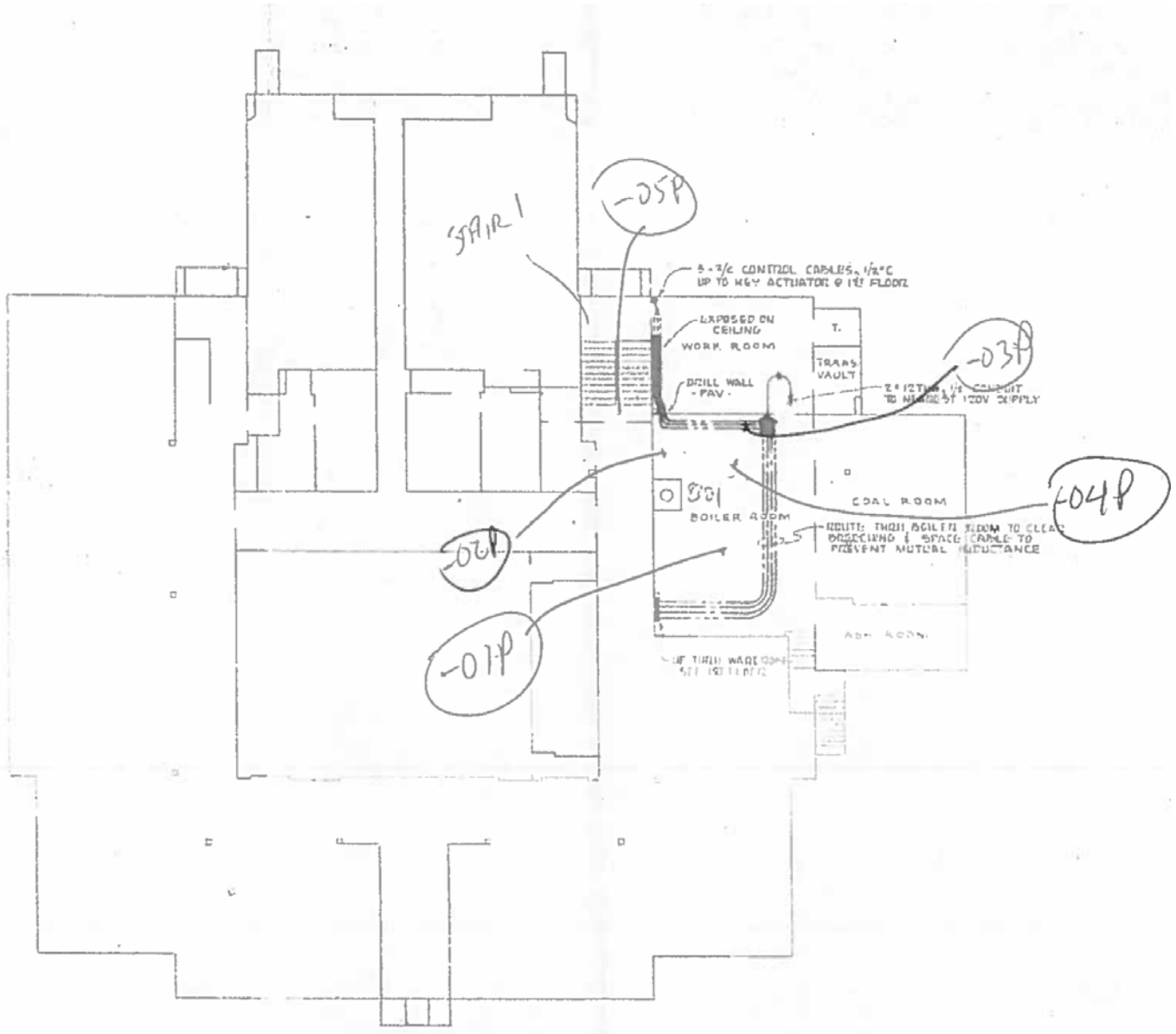
Ludlow Elementary School
14201 Southington Road, Shaker Heights, Ohio

EAG No. OH45671	Date: October 2, 2023	Figure 3

DRAWING FOR GENERAL REFERENCE PURPOSES ONLY. BASE PROVIDED BY CLIENT, ACTUAL ROOM CONFIGURATIONS MAY DIFFER FROM THOSE SHOWN; ANNOTATIONS BY EA GROUP. REFER TO SURVEY FOR DETAILS. NO SCALE.

F:\PROJECTS\EN\OH45671,SHAKERHEIGHTSCITYSCHOOLS\45671,SHAKERHTSSCHOOLS,LUDLOWES_FIG3_BASEMENT.VSD

EA GROUP



BASEMENT

KEY

(01P) Lead Paint Sample No. & General Location

Lead Paint Sampling Locations Diagram

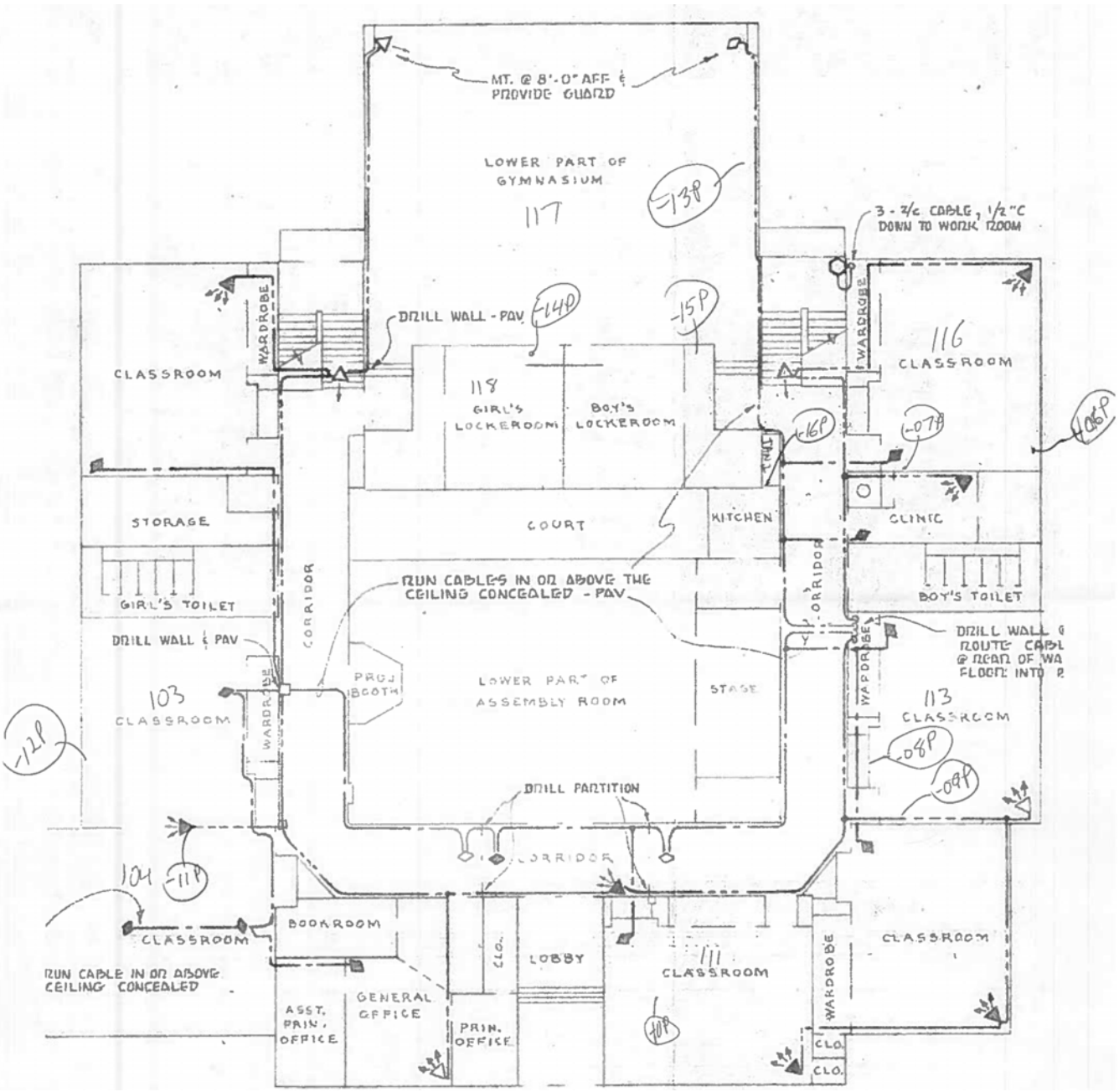
Ludlow Elementary School
14201 Southington Road, Shaker Heights, Ohio

EAG No. OH45671	Date: October 2, 2023	Figure 4

DRAWING FOR GENERAL REFERENCE PURPOSES ONLY. BASE PROVIDED BY CLIENT, ACTUAL ROOM CONFIGURATIONS MAY DIFFER FROM THOSE SHOWN; ANNOTATIONS BY EA GROUP. REFER TO SURVEY FOR DETAILS. NO SCALE.

F:\PROJECTS\EN\OH45671,SHAKERHEIGHTSCITYSCHOOLS\45671,SHAKERHTSSCHOOLS,LUDLOWES_FIG4_BASEMENT.PB.VSD

EA GROUP



FIRST FLOOR

KEY

(01P) Lead Paint Sample No. & General Location

Lead Paint Sampling Locations Diagram

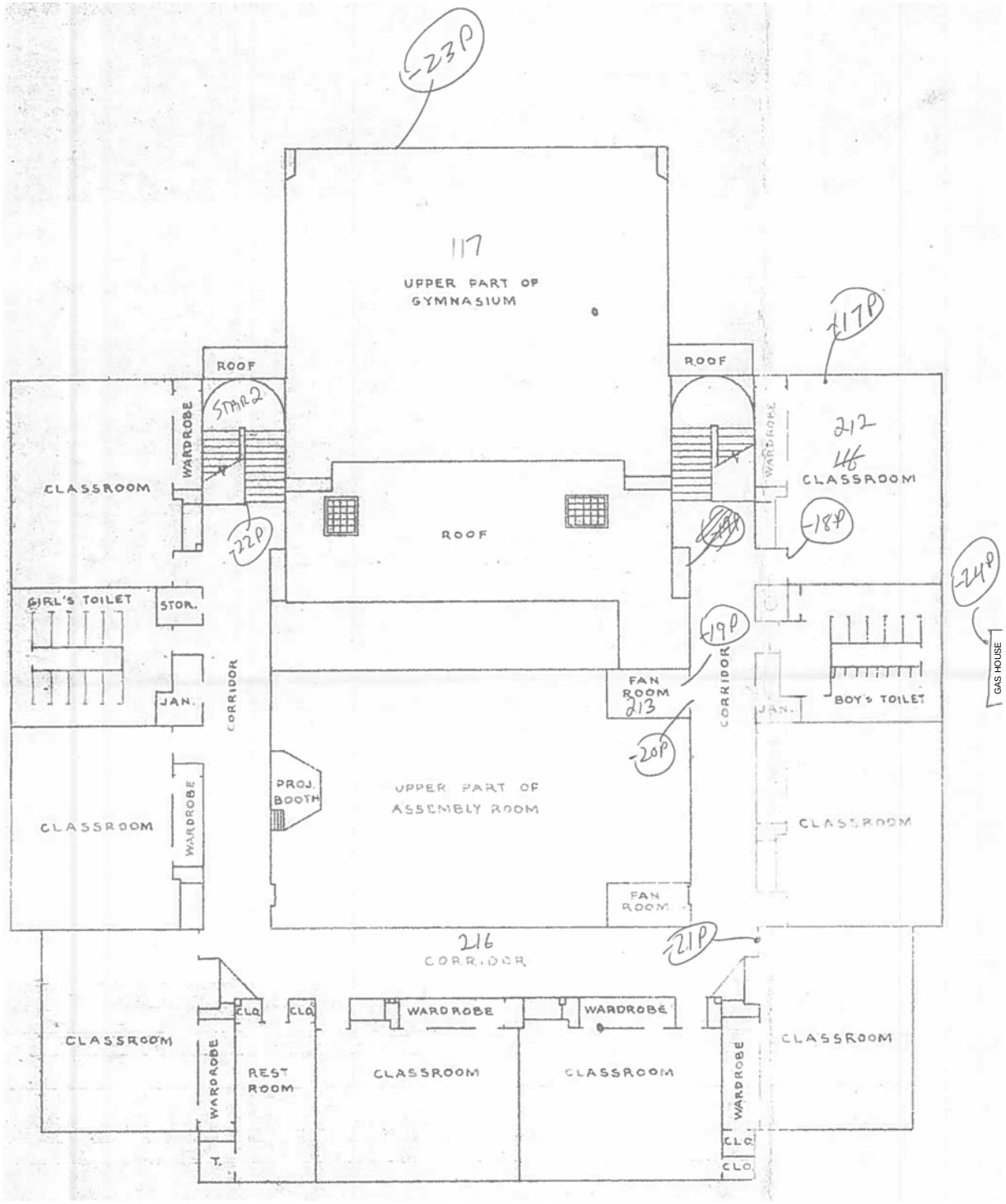
Ludlow Elementary School
14201 Southington Road, Shaker Heights, Ohio

EAG No. OH45671	Date: October 2, 2023	Figure 5

DRAWING FOR GENERAL REFERENCE PURPOSES ONLY. BASE PROVIDED BY CLIENT, ACTUAL ROOM CONFIGURATIONS MAY DIFFER FROM THOSE SHOWN; ANNOTATIONS BY EA GROUP. REFER TO SURVEY FOR DETAILS. NO SCALE.

F:\PROJECTS\EN\OH45671.SHAKERHEIGHTSCITYSCHOOLS\45671.SHAKERHTSSCHOOLS.LUDLOWES FIG5 1STFL.PB.VSD

EA GROUP



SECOND FLOOR

KEY

(01P) Lead Paint Sample No. & General Location

Lead Paint Sampling Locations Diagram

Ludlow Elementary School
14201 Southington Road, Shaker Heights, Ohio

EAG No. OH45671	Date: October 2, 2023	Figure 6

DRAWING FOR GENERAL REFERENCE PURPOSES ONLY. BASE PROVIDED BY CLIENT, ACTUAL ROOM CONFIGURATIONS MAY DIFFER FROM THOSE SHOWN; ANNOTATIONS BY EA GROUP. REFER TO SURVEY FOR DETAILS. NO SCALE.

F:\PROJECTS\EN\OH45671,SHAKERHEIGHTSCITYSCHOOLS\45671.SHAKERHTSSCHOOLS.LUDLOWES_FIG6_2NDFL_PB.VSD

EA GROUP

EA GROUP
Environmental Analysis and Management

APPENDIX B

Asbestos Inspection Data Sheets

ASBESTOS INSPECTION DATA SHEET KEY

Client and Project Information provided by either Work Order or Scope of Work

Building - Name or address of building.

Functional Space - A room, group of rooms, or homogeneous area designated by the inspector to prepare management plans, design abatement projects, or conduct response actions.

Group No. - An arbitrary number/letter assigned to each homogeneous material (material that is uniform in color and texture, serves the same function, and was installed at the same time) encountered during sampling.

ID # - A sample number assigned by the inspector which begins with the work order number (OH XXXXX) at the top of the column and then a unique sample number for each sample.

Material Description - Distinguishing characteristics that may include system type, function, size, color, shape etc.

Location - Location of homogeneous material being sampled or occurrence of homogeneous material.

Quantity - Defined as linear footage (LF), square footage (SF), or number of fittings or miscellaneous items, each (EA)

Material Type - Abbreviations provided on the form as:

S -	Surfacing Material (troweled or sprayed-on)	NF1 -	Non-friable Category I
T -	Thermal System Insulation	NF2 -	Non-friable Category II
M -	Miscellaneous		

Material Condition

ND - No Damage. The material is in visibly good condition with no apparent damage.

D - Damage. Material that has "Damage" is defined as damage to less than 10% of the entire homogeneous group or less than 25% of a localized section of the homogeneous group.

SD - Significant Damage. Material that is "Significantly Damaged" is defined as damage to greater than 10% of the entire homogeneous group or greater than 25% of a localized section of the homogeneous group.

Cause of Damage -

P -	Physical. Vandalism or accidental damage	D -	Deterioration. Deterioration from age
W -	Water. Water damage	Other -	Additional influences that may cause damage

Present Disturbance Factors - Visible, Accessible, Air Movement, Activity, and Friable

Visible - Can it be seen; Yes or No

Accessible - Yes - The material is accessible to both the occupants of the building and custodial and maintenance personnel.
No - The material is not easily accessible to people; i.e., crawl spaces, pipe tunnels, pipe chases, etc.

Air Movement - Low - No air flow/plenum; air flow not recognizable to human touch.
Medium - Air flow/plenum present; noticeable air flow; recognizable to human touch.
High - Air flow/plenum/air handling unit/fan present; steady to gusty air flow; air flow obvious to human touch.

Activity - Low - No traffic/vibrations.
Medium - Moderate traffic and/or vibration.
High - High traffic and/or continuous vibration.

Friable - A material is considered friable if, when dry, it may be crumbled, pulverized, or reduced to powder by hand pressure.

Present Potential for Damage - Low Potential for Damage - Accessibility, Influence for Vibration and Air Erosion must be no, low or insignificant.
Potential for Damage - Accessible with any combination of low or medium ratings in the Influence for Vibration and Air Erosion categories
Potential for Significant Damage - Accessible with any combination with a high rating in Influence of Vibration and Air Erosion categories.

Hazard Assessment - Abbreviations provided on the form: PD = Potential for Damage; PSD = Potential for Significant Damage; 0 and Alphabetical abbreviations will be provided during reporting.

ASBESTOS INSPECTION DATA SHEET

Client: Shaker Heights City School District	Building: Ludlow Elementary School
Project: Pre-Renovation Asbestos Survey	Functional Space: Attic & Second Floor

LOCATION	Group	ID # OH45671	MATERIAL DESCRIPTION	Quantity	Material		FRIABLE	RESULT	NOTES
					Type	Cond			
Attic									NO SUSPECT ACM
Room 212	A	---	Plaster; Ceiling					0	
	B	06	Plaster; Wall					0	
	C	---	1'x1' Ceiling Tile & mastic; Pockmark, Pinhole					0,B[M]	
	D	15	Ceiling Panel; Small Fissure, Pinhole					0	
	E	Assumed	Tackboard Adhesive	125	M/NF2		N	**[+]**	
	F	Assumed	Chalkboard Adhesive	80	M/NF2		N	**[+]**	
	G	Assumed	Wood Floor Underlay	710	M/NF2		N	**[+]**	
Room 211	O	29	Ceramic Wall Tile Adhesive					0	
	T	---	Plaster; Ceiling					0	
	U	43	Plaster; Wall					0	

MATERIALS:
TYPE:
S - Surfacing
T - Thermal
M - Miscellaneous
NF1 - Non-friable Cat. I
NF2 - Non-friable Cat. II
N/S = not suspect
CONDITION: [if relevant]
ND - No Damage
D - Damage
SD - Significant Damage

QUANTITY = Square Feet unless noted
LF = Linear Feet; EA = each
NQ = not quantified
FRIABLE:
Y = Regulated ACM (RACM) by definition
N = not RACM by definition
NF1/NF2 may be friable due to condition or may become friable during reno/demo
RESULT:
0 - Non-ACM
[+] = ACM [no other assessment required]
B = Verified by layering/point counting

COMMENTS:

([+]) = one sample confirmed ACM, any remaining samples not required to be analyzed
[+][0], [+][0,B] = Sample non-ACM or trace but at least one other sample from Group confirmed ACM; Group considered ACM

[+][M] = Floor Tile non-ACM; Mastic ACM (Group as a whole considered ACM for removal purposes)

0,B = trace (≤ 1%) asbestos; non-ACM by EPA but OSHA may apply
0,B[M] = trace asbestos in mastic layer, none in floor tile or ceiling tile
0,B[FT] = trace asbestos in floor tile, none in mastic layer

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EAG Technician(s): Christopher Hatfield ES 35398 EAG OH45671

Survey Date(s): September 11-14, 2023

ASBESTOS INSPECTION DATA SHEET

Client: Shaker Heights City School District	Building: Ludlow Elementary School
Project: Pre-Renovation Asbestos Survey	Functional Space: Attic & Second Floor

LOCATION	Group	ID # OH45671	MATERIAL DESCRIPTION	Quantity	Material		FRIABLE	RESULT	NOTES
					Type	Cond			
Room 218	D	---	Ceiling Panel; Small Fissure, Pinhole					0	
	H	17	Plaster; Wall					0	
	I	Assumed	Chalkboard/Tackboard Adhesive	170	M/NF2		N	**[+]**	
	J	19	Sink Bottom Coating; Black	5 [1 EA]	M/NF2		N	**[+],B**	
	J	20	Sink Bottom Coating; Black		M/NF2		N	**([+])**	
	K	21	4" Cove Base & mastic; Brown					0	
	K	22	4" Cove Base & mastic; Brown					0	
	L	23	12"x12" Floor Tile & mastic; Tan w/ brown	785	M/NF1		N	0,B[FT] **[+][M]**	
Room 211A	A	---	Plaster; Ceiling					0	
	B	---	Plaster; Wall					0	
Room 213	M	25	Duct Flex Connector					0	
	N	27	Wall Coating; Black					0	

MATERIALS:
TYPE:
S - Surfacing
T - Thermal
M - Miscellaneous
NF1 - Non-friable Cat. I
NF2 - Non-friable Cat. II
N/S = not suspect
CONDITION: [if relevant]
ND - No Damage
D - Damage
SD - Significant Damage

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[+][M] = Floor Tile non-ACM; Mastic ACM (Group as a whole considered ACM for removal purposes)

0,B = trace (≤ 1%) asbestos; non-ACM by EPA but OSHA may apply
0,B[M] = trace asbestos in mastic layer, none in floor tile or ceiling tile
0,B[FT] = trace asbestos in floor tile, none in mastic layer

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Survey Date(s): September 11-14, 2023

ASBESTOS INSPECTION DATA SHEET

Client: Shaker Heights City School District	Building: Ludlow Elementary School
Project: Pre-Renovation Asbestos Survey	Functional Space: Attic & Second Floor

LOCATION	Group	ID # OH45671	MATERIAL DESCRIPTION	Quantity	Material		FRIABLE	RESULT	NOTES
					Type	Cond			
Room 210	A	01	Plaster; Ceiling					0	
	B	---	Plaster; Wall					0	
	C	13	1'x1' Ceiling Tile & mastic; Pockmark, Pinhole					0,B[M]	
	D	---	Ceiling Panel; Small Fissure, Pinhole					0	
	E	Assumed	Tackboard Adhesive	125	M/NF2		N	**[+]**	
	F	Assumed	Chalkboard Adhesive	80	M/NF2		N	**[+]**	
	G	Assumed	Wood Floor Underlay	710	M/NF2		N	**[+]**	
Room 209	A	---	Plaster; Ceiling					0	
	B	---	Plaster; Wall					0	
	C	---	1'x1' Ceiling Tile & mastic; Pockmark, Pinhole					0,B[M]	
	D	---	Ceiling Panel; Small Fissure, Pinhole					0	
	E	Assumed	Tackboard Adhesive	125	M/NF2		N	**[+]**	

MATERIALS:
TYPE:
S - Surfacing
T - Thermal
M - Miscellaneous
NF1 - Non-friable Cat. I
NF2 - Non-friable Cat. II
N/S = not suspect
CONDITION: [if relevant]
ND - No Damage
D - Damage
SD - Significant Damage

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ASBESTOS INSPECTION DATA SHEET

Client: Shaker Heights City School District	Building: Ludlow Elementary School
Project: Pre-Renovation Asbestos Survey	Functional Space: Attic & Second Floor

LOCATION	Group	ID # OH45671	MATERIAL DESCRIPTION	Quantity	Material		FRIABLE	RESULT	NOTES
					Type	Cond			
Room 209	F	Assumed	Chalkboard Adhesive	80	M/NF2		N	**[+]**	
	G	Assumed	Wood Floor Underlay	710	M/NF2		N	**[+]**	
	P	31	Drywall System					0	
	Q	33	4" Cove Base & mastic; Black					0	
Room 208	A	---	Plaster; Ceiling					0	
	B	---	Plaster; Wall					0	
	C	---	1'x1' Ceiling Tile & mastic; Pockmark, Pinhole					0,B[M]	
	D	---	Ceiling Panel; Small Fissure, Pinhole					0	
	E	Assumed	Tackboard Adhesive	125	M/NF2		N	**[+]**	
	F	Assumed	Chalkboard Adhesive	80	M/NF2		N	**[+]**	
	G	Assumed	Wood Floor Underlay	710	M/NF2		N	**[+]**	
	R	35	Carpet Mastic					0	

MATERIALS:
TYPE:
S - Surfacing
T - Thermal
M - Miscellaneous
NF1 - Non-friable Cat. I
NF2 - Non-friable Cat. II
N/S = not suspect
CONDITION: [if relevant]
ND - No Damage
D - Damage
SD - Significant Damage

QUANTITY = Square Feet unless noted
LF = Linear Feet; EA = each
NQ = not quantified
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N = not RACM by definition
NF1/NF2 may be friable due to condition or may become friable during reno/demo
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Survey Date(s): September 11-14, 2023

ASBESTOS INSPECTION DATA SHEET

Client: Shaker Heights City School District	Building: Ludlow Elementary School
Project: Pre-Renovation Asbestos Survey	Functional Space: Attic & Second Floor

LOCATION	Group	ID # OH45671	MATERIAL DESCRIPTION	Quantity	Material		FRIABLE	RESULT	NOTES
					Type	Cond			
Room 214	M	26	Duct Flex Connector					0	
	N	28	Wall Coating; Black					0	
Room 207	A	---	Plaster; Ceiling					0	
	B	07	Plaster; Wall					0	
	C	---	1'x1' Ceiling Tile & mastic; Pockmark, Pinhole					0,B[M]	
	D	---	Ceiling Panel; Small Fissure, Pinhole					0	
	E	Assumed	Tackboard Adhesive	125	M/NF2		N	**[+]**	
	F	Assumed	Chalkboard Adhesive	80	M/NF2		N	**[+]**	
	G	Assumed	Wood Floor Underlay	710	M/NF2		N	**[+]**	
Room 206	A	---	Plaster; Ceiling					0	
	B	---	Plaster; Wall					0	
	C	---	1'x1' Ceiling Tile & mastic; Pockmark, Pinhole					0,B[M]	

MATERIALS:
TYPE:
S - Surfacing
T - Thermal
M - Miscellaneous
NF1 - Non-friable Cat. I
NF2 - Non-friable Cat. II
N/S = not suspect
CONDITION: [if relevant]
ND - No Damage
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SD - Significant Damage

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ASBESTOS INSPECTION DATA SHEET

Client: Shaker Heights City School District	Building: Ludlow Elementary School
Project: Pre-Renovation Asbestos Survey	Functional Space: Attic & Second Floor

LOCATION	Group	ID # OH45671	MATERIAL DESCRIPTION	Quantity	Material		FRIABLE	RESULT	NOTES
					Type	Cond			
Room 206	D	---	Ceiling Panel; Small Fissure, Pinhole					0	
	F	Assumed	Chalkboard Adhesive	55	M/NF2		N	**[+]**	
	G	Assumed	Wood Floor Underlay	275	M/NF2		N	**[+]**	
	P	32	Drywall System					0	
	R	---	Carpet Mastic					0	
Room 205	A	---	Plaster; Ceiling					0	
	B	---	Plaster; Wall					0	
	C	---	1'x1' Ceiling Tile & mastic; Pockmark, Pinhole					0,B[M]	
	D	---	Ceiling Panel; Small Fissure, Pinhole					0	
	E	Assumed	Tackboard Adhesive	125	M/NF2		N	**[+]**	
	F	Assumed	Chalkboard Adhesive	80	M/NF2		N	**[+]**	
	G	Assumed	Wood Floor Underlay	710	M/NF2		N	**[+]**	

MATERIALS:
TYPE:
S - Surfacing
T - Thermal
M - Miscellaneous
NF1 - Non-friable Cat. I
NF2 - Non-friable Cat. II
N/S = not suspect
CONDITION: [if relevant]
ND - No Damage
D - Damage
SD - Significant Damage

QUANTITY = Square Feet unless noted
LF = Linear Feet; EA = each
NQ = not quantified
FRIABLE:
Y = Regulated ACM (RACM) by definition
N = not RACM by definition
NF1/NF2 may be friable due to condition or may become friable during reno/demo
RESULT:
0 - Non-ACM
[+] = ACM [no other assessment required]
B = Verified by layering/point counting

COMMENTS:

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EA GROUP
7118 Industrial Park Blvd.
Mentor, OH 44060-5314
(440) 951-3514

EAG Technician(s): Christopher Hatfield ES 35398 EAG OH45671

Survey Date(s): September 11-14, 2023

ASBESTOS INSPECTION DATA SHEET

Client: Shaker Heights City School District	Building: Ludlow Elementary School
Project: Pre-Renovation Asbestos Survey	Functional Space: Attic & Second Floor

LOCATION	Group	ID # OH45671	MATERIAL DESCRIPTION	Quantity	Material		FRIABLE	RESULT	NOTES
					Type	Cond			
Room 215	A	---	Plaster; Ceiling					0	
	B	---	Plaster; Wall					0	
	AQ	Assumed	Door Core	15 [1 EA]	M		Y	**[+]**	
Room 204	A	02	Plaster; Ceiling					0	
	B	---	Plaster; Wall					0	
	C	---	1'x1' Ceiling Tile & mastic; Pockmark, Pinhole					0,B[M]	
	D	---	Ceiling Panel; Small Fissure, Pinhole					0	
	E	Assumed	Tackboard Adhesive	125	M/NF2		N	**[+]**	
	F	Assumed	Chalkboard Adhesive	80	M/NF2		N	**[+]**	
	G	Assumed	Wood Floor Underlay	710	M/NF2		N	**[+]**	
Room 203	A	---	Plaster; Ceiling					0	
	B	---	Plaster; Wall					0	

MATERIALS:
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NF2 - Non-friable Cat. II
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ASBESTOS INSPECTION DATA SHEET

Client: Shaker Heights City School District	Building: Ludlow Elementary School
Project: Pre-Renovation Asbestos Survey	Functional Space: Attic & Second Floor

LOCATION	Group	ID # OH45671	MATERIAL DESCRIPTION	Quantity	Material		FRIABLE	RESULT	NOTES
					Type	Cond			
Room 201	A	---	Plaster; Ceiling					0	
	B	---	Plaster; Wall					0	
	T	40	Plaster; Ceiling					0	
	U	---	Plaster; Wall					0	
Room 202	A	---	Plaster; Ceiling					0	
	B	---	Plaster; Wall					0	
Room 217	H	18	Plaster; Wall					0	
	L	24	12"x12" Floor Tile & mastic; Tan w/ brown	785	M/NF1		N	**([+])**	
	P	39	Drywall System					0	
	Q	34	4" Cove Base & mastic; Black					0	
Room 200	A	---	Plaster; Ceiling					0	
	B	08	Plaster; Wall					0	

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NF2 - Non-friable Cat. II
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ASBESTOS INSPECTION DATA SHEET

Client: Shaker Heights City School District	Building: Ludlow Elementary School
Project: Pre-Renovation Asbestos Survey	Functional Space: Attic & Second Floor

LOCATION	Group	ID # OH45671	MATERIAL DESCRIPTION	Quantity	Material		FRIABLE	RESULT	NOTES
					Type	Cond			
Room 200	C	---	1'x1' Ceiling Tile & mastic; Pockmark, Pinhole					0,B[M]	
	D	---	Ceiling Panel; Small Fissure, Pinhole					0	
	E	Assumed	Tackboard Adhesive	125	M/NF2		N	**[+]**	
	F	Assumed	Chalkboard Adhesive	80	M/NF2		N	**[+]**	
	G	Assumed	Wood Floor Underlay	710	M/NF2		N	**[+]**	
	S	37	Residual Adhesive					0	
Corridors & Stairs	A	---	Plaster; Ceiling					0	
	B	---	Plaster; Wall					0	
	C	---	1'x1' Ceiling Tile & mastic; Pockmark, Pinhole					0,B[M]	

MATERIALS:
TYPE:
S - Surfacing
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M - Miscellaneous
NF1 - Non-friable Cat. I
NF2 - Non-friable Cat. II
N/S = not suspect
CONDITION: [if relevant]
ND - No Damage
D - Damage
SD - Significant Damage

QUANTITY = Square Feet unless noted
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FRIABLE:
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ASBESTOS INSPECTION DATA SHEET

Client: Shaker Heights City School District	Building: Ludlow Elementary School
Project: Pre-Renovation Asbestos Survey	Functional Space: First Floor

LOCATION	Group	ID # OH45671	MATERIAL DESCRIPTION	Quantity	Material		FRIABLE	RESULT	NOTES
					Type	Cond			
Corridor & Stairs	A	---	Plaster; Ceiling					0	
	B	---	Plaster; Wall					0	
	C	---	1'x1' Ceiling Tile & mastic; Pockmark, Pinhole					0,B[M]	
Room 119A	A	---	Plaster; Ceiling					0	
	D	---	Ceiling Panel; Small Fissure, Pinhole					0	
	Q	---	4" Cove Base & mastic; Black					0	
	V	46	Drywall System					0	
	W	48	12"x12" Floor Tile & mastic; Red					0	
	W	49	12"x12" Floor Tile & mastic; Red					0	
Room 118A	A	---	Plaster; Ceiling					0	
	D	---	Ceiling Panel; Small Fissure, Pinhole					0	
	V	47	Drywall System					0	

MATERIALS:
TYPE:
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NF1 - Non-friable Cat. I
NF2 - Non-friable Cat. II
N/S = not suspect
CONDITION: [if relevant]
ND - No Damage
D - Damage
SD - Significant Damage

QUANTITY = Square Feet unless noted
LF = Linear Feet; EA = each
NQ = not quantified
FRIABLE:
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NF1/NF2 may be friable due to condition or may become friable during reno/demo
RESULT:
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ASBESTOS INSPECTION DATA SHEET

Client: Shaker Heights City School District	Building: Ludlow Elementary School
Project: Pre-Renovation Asbestos Survey	Functional Space: First Floor

LOCATION	Group	ID # OH45671	MATERIAL DESCRIPTION	Quantity	Material		FRIABLE	RESULT	NOTES
					Type	Cond			
Room 118 & 119	A	---	Plaster; Ceiling					0	
	D	---	Ceiling Panel; Small Fissure, Pinhole					0	
	Q	---	4" Cove Base & mastic; Black					0	
	V	---	Drywall System					0	
	W	---	12"x12" Floor Tile & mastic; Red					0	
	X	50	Acoustical Plaster; Ceiling					0	
	X	51	Acoustical Plaster; Ceiling					0	
	X	52	Acoustical Plaster; Ceiling					0	
Gym 117	A	---	Plaster; Ceiling					0	
	G	Assumed	Wood Floor Underlay	2430	M/NF2		N	**[+]**	
	Y	Assumed	1'x1' Ceiling Tile & mastic; Patterned Hole	2250	M		Y	**[+]**	
	Z	Assumed	2'x2' Ceiling Panel; Small Fissure, Pinhole	2250	M		Y	**[+]**	

MATERIALS:
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M - Miscellaneous
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NF2 - Non-friable Cat. II
N/S = not suspect
CONDITION: [if relevant]
ND - No Damage
D - Damage
SD - Significant Damage

QUANTITY = Square Feet unless noted
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NQ = not quantified
FRIABLE:
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ASBESTOS INSPECTION DATA SHEET

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Project: Pre-Renovation Asbestos Survey	Functional Space: First Floor

LOCATION	Group	ID # OH45671	MATERIAL DESCRIPTION	Quantity	Material		FRIABLE	RESULT	NOTES
					Type	Cond			
Gym 117	AA	53	Cove Base & mastic; Black					0	
	AA	54	Cove Base & mastic; Black					0	
Room 116	A	---	Plaster; Ceiling					0	
	B	09	Plaster; Wall					0	
	C	14	1'x1' Ceiling Tile & mastic; Pockmark, Pinhole					0,B[M]	
	D	---	Ceiling Panel; Small Fissure, Pinhole					0	
	E	Assumed	Tackboard Adhesive	125	M/NF2		N	**[+]**	
	F	Assumed	Chalkboard Adhesive	80	M/NF2		N	**[+]**	
	G	Assumed	Wood Floor Underlay	710	M/NF2		N	**[+]**	
	R	---	Carpet Mastic					0	
	S	---	Residual Adhesive					0	
	AB	55	MAG Pipe Insulation	40 LF	T		Y	**[+]**	

MATERIALS:
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NF1 - Non-friable Cat. I
NF2 - Non-friable Cat. II
N/S = not suspect
CONDITION: [if relevant]
ND - No Damage
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SD - Significant Damage

QUANTITY = Square Feet unless noted
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FRIABLE:
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ASBESTOS INSPECTION DATA SHEET

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Project: Pre-Renovation Asbestos Survey	Functional Space: First Floor

LOCATION	Group	ID # OH45671	MATERIAL DESCRIPTION	Quantity	Material		FRIABLE	RESULT	NOTES
					Type	Cond			
Room 115	A	03	Plaster; Ceiling					0	
	B	---	Plaster; Wall					0	
	C	---	1'x1' Ceiling Tile & mastic; Pockmark, Pinhole					0,B[M]	
	E	Assumed	Tackboard Adhesive	25	M/NF2		N	**[+]**	
	G	Assumed	Wood Floor Underlay	185	M/NF2		N	**[+]**	
	AB	---	MAG Pipe Insulation	5 LF	T		Y	**[+]**	
	AC	58	9"x9" Floor Tile & mastic; Beige w/ brown					0	
	AC	59	9"x9" Floor Tile & mastic; Beige w/ brown					0	
Room 114	O	30	Ceramic Wall Tile Adhesive					0	
	T	41	Plaster; Ceiling					0	
	U	44	Plaster; Wall					0	
	AB	---	MAG Pipe Insulation	25 LF	T		Y	**[+]**	

MATERIALS:
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N/S = not suspect
CONDITION: [if relevant]
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ASBESTOS INSPECTION DATA SHEET

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Project: Pre-Renovation Asbestos Survey	Functional Space: First Floor

LOCATION	Group	ID # OH45671	MATERIAL DESCRIPTION	Quantity	Material		FRIABLE	RESULT	NOTES
					Type	Cond			
Room 113	A	---	Plaster; Ceiling					0	
	B	---	Plaster; Wall					0	
	C	---	1'x1' Ceiling Tile & mastic; Pockmark, Pinhole					0,B[M]	
	D	---	Ceiling Panel; Small Fissure, Pinhole					0	
	E	Assumed	Tackboard Adhesive	125	M/NF2		N	**[+]**	
	F	Assumed	Chalkboard Adhesive	80	M/NF2		N	**[+]**	
	G	Assumed	Wood Floor Underlay	710	M/NF2		N	**[+]**	
	R	36	Carpet Mastic					0	
	AB	---	MAG Pipe Insulation	40 LF	T		Y	**[+]**	
Room 112	A	---	Plaster; Ceiling					0	
	B	---	Plaster; Wall					0	
	C	---	1'x1' Ceiling Tile & mastic; Pockmark, Pinhole					0,B[M]	

MATERIALS:
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S - Surfacing
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NF1 - Non-friable Cat. I
NF2 - Non-friable Cat. II
N/S = not suspect
CONDITION: [if relevant]
ND - No Damage
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ASBESTOS INSPECTION DATA SHEET

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Project: Pre-Renovation Asbestos Survey	Functional Space: First Floor

LOCATION	Group	ID # OH45671	MATERIAL DESCRIPTION	Quantity	Material		FRIABLE	RESULT	NOTES
					Type	Cond			
Room 112	D	---	Ceiling Panel; Small Fissure, Pinhole					0	
	E	Assumed	Tackboard Adhesive	125	M/NF2		N	**[+]**	
	F	Assumed	Chalkboard Adhesive	80	M/NF2		N	**[+]**	
	G	Assumed	Wood Floor Underlay	750	M/NF2		N	**[+]**	
	R	---	Carpet Mastic					0	
	AB	---	MAG Pipe Insulation	25 LF	T		Y	**[+]**	
Room 111	A	04	Plaster; Ceiling					0	
	B	---	Plaster; Wall					0	
	D	---	Ceiling Panel; Small Fissure, Pinhole					0	
	E	Assumed	Tackboard Adhesive	125	M/NF2		N	**[+]**	
	F	Assumed	Chalkboard Adhesive	80	M/NF2		N	**[+]**	
	G	Assumed	Wood Floor Underlay	710	M/NF2		N	**[+]**	

MATERIALS:
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M - Miscellaneous
NF1 - Non-friable Cat. I
NF2 - Non-friable Cat. II
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Project: Pre-Renovation Asbestos Survey	Functional Space: First Floor

LOCATION	Group	ID # OH45671	MATERIAL DESCRIPTION	Quantity	Material		FRIABLE	RESULT	NOTES
					Type	Cond			
Room 111	S	38	Residual Adhesive					0	
	AB	---	MAG Pipe Insulation	40 LF	T		Y	**[+]**	
	AD	60	1'x1' Ceiling Tile & mastic; Fissure, Pinhole					0	
Room 110	A	---	Plaster; Ceiling					0	
	B	---	Plaster; Wall					0	
	C	---	1'x1' Ceiling Tile & mastic; Pockmark, Pinhole					0,B[M]	
	AE	62	Decorative Plaster; Molding					0	
	AE	63	Decorative Plaster; Molding					0	
Room 109	A	---	Plaster; Ceiling					0	
	B	11	Plaster; Wall					0	
	AF	64	4" Cove Base & mastic; Tan					0	
	AG	66	12"x12" Floor Tile & mastic; Tan w/ blue flake					0	

MATERIALS:
TYPE:
S - Surfacing
T - Thermal
M - Miscellaneous
NF1 - Non-friable Cat. I
NF2 - Non-friable Cat. II
N/S = not suspect
CONDITION: [if relevant]
ND - No Damage
D - Damage
SD - Significant Damage

QUANTITY = Square Feet unless noted
LF = Linear Feet; EA = each
NQ = not quantified
FRIABLE:
Y = Regulated ACM (RACM) by definition
N = not RACM by definition
NF1/NF2 may be friable due to condition or may become friable during reno/demo
RESULT:
0 - Non-ACM
[+] = ACM [no other assessment required]
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COMMENTS:

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EA GROUP
7118 Industrial Park Blvd.
Mentor, OH 44060-5314
(440) 951-3514

EAG Technician(s): Christopher Hatfield ES 35398 EAG OH45671

Survey Date(s): September 11-14, 2023

ASBESTOS INSPECTION DATA SHEET

Client: Shaker Heights City School District	Building: Ludlow Elementary School
Project: Pre-Renovation Asbestos Survey	Functional Space: First Floor

LOCATION	Group	ID # OH45671	MATERIAL DESCRIPTION	Quantity	Material		FRIABLE	RESULT	NOTES
					Type	Cond			
Room 108	A	---	Plaster; Ceiling					0	
	B	---	Plaster; Wall					0	
	R	---	Carpet Mastic					0	
Room 107	A	---	Plaster; Ceiling					0	
	V	---	Drywall System					0	
	R	---	Carpet Mastic					0	
	AB	---	MAG Pipe Insulation	18 LF	T		Y	**[+]**	
Room 106	A	---	Plaster; Ceiling					0	
	B	---	Plaster; Wall					0	
	D	---	Ceiling Panel; Small Fissure, Pinhole					0	
	R	---	Carpet Mastic					0	
	AB	---	MAG Pipe Insulation	10 LF	T		Y	**[+]**	

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NF1 - Non-friable Cat. I
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CONDITION: [if relevant]
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D - Damage
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FRIABLE:
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ASBESTOS INSPECTION DATA SHEET

Client: Shaker Heights City School District	Building: Ludlow Elementary School
Project: Pre-Renovation Asbestos Survey	Functional Space: First Floor

LOCATION	Group	ID # OH45671	MATERIAL DESCRIPTION	Quantity	Material		FRIABLE	RESULT	NOTES
					Type	Cond			
Room 105	A	---	Plaster; Ceiling					0	
	B	---	Plaster; Wall					0	
	AG	67	12"x12" Floor Tile & mastic; Tan w/ blue flake					0	
Room 104	A	---	Plaster; Ceiling					0	
	B	---	Plaster; Wall					0	
	D	---	Ceiling Panel; Small Fissure, Pinhole					0	
	G	Assumed	Wood Floor Underlay	960	M/NF2		N	**[+]**	
	R	---	Carpet Mastic					0	
	AH	68	Drywall System					0	
	AI	71	4" Cove Base & mastic; Gray					0	
	AB	---	MAG Pipe Insulation	12 LF	T		Y	**[+]**	
	AD	---	1'x1' Ceiling Tile & mastic; Fissure, Pinhole					0	

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NF2 - Non-friable Cat. II
N/S = not suspect
CONDITION: [if relevant]
ND - No Damage
D - Damage
SD - Significant Damage

QUANTITY = Square Feet unless noted
LF = Linear Feet; EA = each
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FRIABLE:
Y = Regulated ACM (RACM) by definition
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ASBESTOS INSPECTION DATA SHEET

Client: Shaker Heights City School District	Building: Ludlow Elementary School
Project: Pre-Renovation Asbestos Survey	Functional Space: First Floor

LOCATION	Group	ID # OH45671	MATERIAL DESCRIPTION	Quantity	Material		FRIABLE	RESULT	NOTES
					Type	Cond			
Room 103	A	---	Plaster; Ceiling					0	
	B	---	Plaster; Wall					0	
	D	---	Ceiling Panel; Small Fissure, Pinhole					0	
	R	---	Carpet Mastic					0	
	AH	69	Drywall System					0	
	AI	72	4" Cove Base & mastic; Gray					0	
	AB	56	MAG Pipe Insulation	15 LF	T		Y	**([+])**	
	AD	---	1'x1' Ceiling Tile & mastic; Fissure, Pinhole					0	
	AJ	73	Sink Bottom Coating; Gray	5 [1 EA]	M/NF2		N	**[+],B**	
	AJ	74	Sink Bottom Coating; Gray		M/NF2		N	**([+])**	
Room 102	T	42	Plaster; Ceiling					0	
	U	45	Plaster; Wall					0	

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CONDITION: [if relevant]
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D - Damage
SD - Significant Damage

QUANTITY = Square Feet unless noted
LF = Linear Feet; EA = each
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FRIABLE:
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RESULT:
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ASBESTOS INSPECTION DATA SHEET

Client: Shaker Heights City School District	Building: Ludlow Elementary School
Project: Pre-Renovation Asbestos Survey	Functional Space: First Floor

LOCATION	Group	ID # OH45671	MATERIAL DESCRIPTION	Quantity	Material		FRIABLE	RESULT	NOTES
					Type	Cond			
Room 100	A	05	Plaster; Ceiling					0	
	B	12	Plaster; Wall					0	
	D	16	Ceiling Panel; Small Fissure, Pinhole					0	
	E	Assumed	Tackboard Adhesive	120	M/NF2		N	**[+]**	
	F	Assumed	Chalkboard Adhesive	80	M/NF2		N	**[+]**	
	G	Assumed	Wood Floor Underlay	850	M/NF2		N	**[+]**	
	AH	70	Drywall System					0	
	AD	61	1'x1' Ceiling Tile & mastic; Fissure, Pinhole					0	
Room 123	A	---	Plaster; Ceiling					0	
	G	Assumed	Wood Floor Underlay	1515	M/NF2		N	**[+]**	
	AK	Assumed	1'x1' Ceiling Tile & mastic	1515	M		Y	**[+]**	
	AL	75	Textured Plaster; Wall					0	
	AL	76	Textured Plaster; Wall					0	

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NF2 - Non-friable Cat. II
N/S = not suspect
CONDITION: [if relevant]
ND - No Damage
D - Damage
SD - Significant Damage

QUANTITY = Square Feet unless noted
LF = Linear Feet; EA = each
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FRIABLE:
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ASBESTOS INSPECTION DATA SHEET

Client: Shaker Heights City School District	Building: Ludlow Elementary School
Project: Pre-Renovation Asbestos Survey	Functional Space: First Floor

LOCATION	Group	ID # OH45671	MATERIAL DESCRIPTION	Quantity	Material		FRIABLE	RESULT	NOTES
					Type	Cond			
Room 122 & 122A	A	---	Plaster; Ceiling					0	
	B	---	Plaster; Wall					0	
	G	Assumed	Wood Floor Underlay	350	M/NF2		N	**[+]**	
	R	---	Carpet Mastic					0	
Room 121	A	---	Plaster; Ceiling					0	
	B	10	Plaster; Wall					0	
	G	Assumed	Wood Floor Underlay	55	M/NF2		N	**[+]**	
Room 120	A	---	Plaster; Ceiling					0	
	B	---	Plaster; Wall					0	
	G	Assumed	Wood Floor Underlay	125	M/NF2		N	**[+]**	
	AM	77	6" Cove Base & mastic; Black					0	
	AM	78	6" Cove Base & mastic; Black					0	

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NF2 - Non-friable Cat. II
N/S = not suspect
CONDITION: [if relevant]
ND - No Damage
D - Damage
SD - Significant Damage

QUANTITY = Square Feet unless noted
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ASBESTOS INSPECTION DATA SHEET

Client: Shaker Heights City School District	Building: Ludlow Elementary School
Project: Pre-Renovation Asbestos Survey	Functional Space: First Floor

LOCATION	Group	ID # OH45671	MATERIAL DESCRIPTION	Quantity	Material		FRIABLE	RESULT	NOTES
					Type	Cond			
Room 120	AN	79	Flooring & mastic; Gray					0	
	AN	80	Flooring & mastic; Gray					0	
	AB	---	MAG Pipe Insulation	3 LF	T		Y	**[+]**	
Room 123A	AF	65	4" Cove Base & mastic; Tan					0	
	AO	81	Plaster; Ceiling					0	
	AO	82	Plaster; Ceiling					0	
	AP	83	Plaster; Wall					0	
	AP	84	Plaster; Wall					0	

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CONDITION: [if relevant]
ND - No Damage
D - Damage
SD - Significant Damage

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Survey Date(s): September 11-14, 2023

ASBESTOS INSPECTION DATA SHEET

Client: Shaker Heights City School District	Building: Ludlow Elementary School
Project: Pre-Renovation Asbestos Survey	Functional Space: Basement

LOCATION	Group	ID # OH45671	MATERIAL DESCRIPTION	Quantity	Material		FRIABLE	RESULT	NOTES
					Type	Cond			
Basement Stair & Air Tank/Line Room	AQ	Assumed	Door Core	70 [4 EA]	M		Y	**[+]**	
Room 03	AB	---	MAG Pipe Insulation	90 LF	T		Y	**[+]**	
	AR	85	Paper Pipe Insulation					0	
	AS	88	Paper Pipe Insulation Fittings	21 EA	T		Y	**[+]**	
Room 04	AR	---	Paper Pipe Insulation					0	
	AS	---	Paper Pipe Insulation Fittings	2 EA	T		Y	**[+]**	
Room 05		---	#N/A		#N/A		##		NO ACCESS
Room 01	AB	57	MAG Pipe Insulation	300 LF	T		Y	**([+])**	
	AR	86	Paper Pipe Insulation					0	
	AR	87	Paper Pipe Insulation					0	
	AS	89	Paper Pipe Insulation Fittings	97 EA	T		Y	**([+])**	
	AS	90	Paper Pipe Insulation Fittings		T		Y	**([+])**	

MATERIALS:
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NF1 - Non-friable Cat. I
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N/S = not suspect
CONDITION: [if relevant]
ND - No Damage
D - Damage
SD - Significant Damage

QUANTITY = Square Feet unless noted
LF = Linear Feet; EA = each
NQ = not quantified
FRIABLE:
Y = Regulated ACM (RACM) by definition
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NF1/NF2 may be friable due to condition or may become friable during reno/demo
RESULT:
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ASBESTOS INSPECTION DATA SHEET

Client: Shaker Heights City School District	Building: Ludlow Elementary School
Project: Pre-Renovation Asbestos Survey	Functional Space: Basement

LOCATION	Group	ID # OH45671	MATERIAL DESCRIPTION	Quantity	Material		FRIABLE	RESULT	NOTES
					Type	Cond			
Room 01	AT	Assumed	Boiler Heat Exchanger Caulk	100 [2 EA]	M/NF2		N	**[+]**	
	AU	91	Boiler Flue Insulation	170	T		Y	**[+]**	
	AU	92	Boiler Flue Insulation		T		Y	**([+])**	
	AU	93	Boiler Flue Insulation		T		Y	**([+])**	
	AV	94	Incinerator Liner					0	
	AV	95	Incinerator Liner					0	
	AW	96	Tank Insulation	150	T		Y	**[+]**	
	AW	97	Tank Insulation		T		Y	**([+])**	
	AW	98	Tank Insulation		T		Y	**([+])**	
Room 02									NO SUSPECT ACM
Room 06									NO SUSPECT ACM
Crawlspace									NO SUSPECT ACM (pipe insulation replaced with fiberglass)

MATERIALS:
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CONDITION: [if relevant]
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FRIABLE:
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RESULT:
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ASBESTOS INSPECTION DATA SHEET

Client: Shaker Heights City School District	Building: Ludlow Elementary School
Project: Pre-Renovation Asbestos Survey	Functional Space: Exterior & Gas House

LOCATION	Group	ID # OH45671	MATERIAL DESCRIPTION	Quantity	Material		FRIABLE	RESULT	NOTES
					Type	Cond			
Exterior	AX	Assumed	Flat Roof Material	1050	M/NF1		N	[+]	
	AY	Assumed	Flat Roof Flashing	440	M/NF1		N	[+]	
	AZ	Assumed	Slate Roof Felt	13000	M/NF1		N	[+]	
	BA	99	Window Caulking	10 [5 EA]	M/NF2		N	[+][0]	
	BA	100	Window Caulking		M/NF2		N	[+],B	
	BB	101	Window Glazing	15 [5 EA]	M/NF2		N	[+][0]	
	BB	102	Window Glazing		M/NF2		N	[+],B	
	BC	103	Door Caulking	5 [3 EA]	M/NF2		N	[+][0]	
	BC	104	Door Caulking		M/NF2		N	[+],B	
	BD	105	Door Caulking					0	
	BD	106	Door Caulking					0	

MATERIALS:
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NF1 - Non-friable Cat. I
NF2 - Non-friable Cat. II
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CONDITION: [if relevant]
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FRIABLE:
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ASBESTOS INSPECTION DATA SHEET

Client: Shaker Heights City School District	Building: Ludlow Elementary School
Project: Pre-Renovation Asbestos Survey	Functional Space: Exterior & Gas House

LOCATION	Group	ID # OH45671	MATERIAL DESCRIPTION	Quantity	Material		FRIABLE	RESULT	NOTES
					Type	Cond			
Exterior	BE	107	Window Caulking					0	
	BE	108	Window Caulking					0	
	BF	109	Door Caulking	1 [1 EA]	M/NF2		N	**[+],B**	
	BF	110	Door Caulking		M/NF2		N	**[+][0]**	
Gas House	AZ	Assumed	Slate Roof Felt	150	M/NF1		N	**[+]**	
	AQ	Assumed	Door Core	40 [2 EA]	M		Y	**[+]**	

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Survey Date(s): September 11-14, 2023

EA GROUP
Environmental Analysis and Management

APPENDIX C-1

XRF Survey Results - Positive Surfaces

#	FLOOR	AREA/ROOM	SIDE	COMPONENT	SUBSTRATE	COLOR	CONDITION
266	FIRST	115	A	WALL	PLASTER	BLUE	INTACT
267	FIRST	115	B	WALL	PLASTER	BLUE	INTACT
268	FIRST	115	C	WALL	PLASTER	BLUE	INTACT
269	FIRST	115	D	WALL	PLASTER	BLUE	INTACT
276	FIRST	114	D	CEILING	PLASTER	BLUE	INTACT
277	FIRST	114	A	WALL	PLASTER	BLUE	INTACT
278	FIRST	114	B	WALL	PLASTER	BLUE	INTACT
279	FIRST	114	C	WALL	PLASTER	BLUE	INTACT
280	FIRST	114	D	WALL	PLASTER	BLUE	INTACT
305	FIRST	112	A	WALL	PLASTER	BLUE	INTACT
307	FIRST	112	C	WALL	PLASTER	BLUE	INTACT
308	FIRST	112	D	WALL	PLASTER	BLUE	INTACT
309	FIRST	111	A	WALL	PLASTER	GREEN	INTACT
322	FIRST	110	A	WALL	PLASTER	GREEN	INTACT
323	FIRST	110	B	WALL	PLASTER	GREEN	INTACT
324	FIRST	110	C	WALL	PLASTER	GREEN	INTACT
325	FIRST	110	D	WALL	PLASTER	GREEN	INTACT
329	FIRST	110	C	CROWN MOLDING	WOOD	WHITE	INTACT
330	FIRST	119-107	A	WALL	PLASTER	BLUE	INTACT
331	FIRST	119-107	B	WALL	PLASTER	BLUE	INTACT
332	FIRST	119-107	C	WALL	PLASTER	TAN	INTACT
340	FIRST	119-107	B	CEILING	PLASTER	WHITE	INTACT
348	FIRST	108	B	WALL	PLASTER	BLUE	INTACT
349	FIRST	108	C	WALL	PLASTER	BLUE	INTACT
350	FIRST	108	D	WALL	PLASTER	BLUE	INTACT
361	FIRST	106	C	WALL	PLASTER	GREEN	INTACT
370	FIRST	104	C	WALL	PLASTER	BLUE	INTACT
371	FIRST	104	D	WALL	PLASTER	BLUE	INTACT
386	FIRST	103	C	WALL	DRYWALL	BLUE	DETERIORATED
387	FIRST	103	D	WALL	DRYWALL	BLUE	INTACT
389	FIRST	102	D	CEILING	PLASTER	PINK	INTACT
390	FIRST	102	A	WALL	PLASTER	PINK	INTACT
391	FIRST	102	B	WALL	PLASTER	PINK	INTACT
392	FIRST	102	C	WALL	PLASTER	PINK	INTACT
394	FIRST	102	D	WALL	PLASTER	PINK	INTACT
428	FIRST	118	B	CEILING	PLASTER	WHITE	INTACT
436	FIRST	119	C	CEILING	WOOD	WHITE	INTACT
448	FIRST	JANITOR 2	C	SINK	METAL	WHITE	DETERIORATED
452	FIRST	JANITOR 2	A	WALL	PLASTER	GREY	DETERIORATED
455	FIRST	JANITOR 2	C	WALL	PLASTER	GREY	DETERIORATED
457	FIRST	JANITOR 2	D	WALL	PLASTER	GREY	DETERIORATED
459	FIRST	120	A	WALL	PLASTER	YELLOW	INTACT
460	FIRST	120	B	WALL	PLASTER	YELLOW	INTACT
461	FIRST	120	C	WALL	PLASTER	YELLOW	INTACT

462	FIRST	120	D	WALL	PLASTER	YELLOW	INTACT
463	FIRST	120	D	CEILING	PLASTER	YELLOW	INTACT
465	FIRST	121-122	A	DOOR CASING	WOOD	YELLOW	INTACT
466	FIRST	121-122	B	BASEBOARD	WOOD	YELLOW	INTACT
467	FIRST	121-122	B	CEILING	PLASTER	WHITE	INTACT
468	FIRST	121-122	A	WALL	PLASTER	WHITE	INTACT
469	FIRST	121-122	C	WALL	PLASTER	WHITE	INTACT
470	FIRST	121-122	D	WALL	PLASTER	WHITE	INTACT
472	FIRST	121-122	B	COLUMN	WOOD	WHITE	INTACT
473	FIRST	123	D	COLUMN	WOOD	WHITE	INTACT
474	FIRST	123	D	WAINSCOTING	WOOD	WHITE	INTACT
476	FIRST	123	B	CROWN MOLDING	WOOD	WHITE	INTACT
477	FIRST	123	B	DOOR CASING	WOOD	WHITE	INTACT
478	FIRST	123	A	WALL	PLASTER	WHITE	INTACT
480	FIRST	123	B	WALL	PLASTER	GREEN	INTACT
482	FIRST	123	D	WALL	PLASTER	WHITE	INTACT
493	FIRST	124	D	WALL	PLASTER	GREEN	INTACT
494	FIRST	124	A	WALL	PLASTER	GREEN	INTACT
495	FIRST	124	B	WALL	PLASTER	GREEN	INTACT
500	BASEMENT	1	A	HAND RAIL	METAL	BLACK	DETERIORATED
508	BASEMENT	1	D	DOOR	WOOD	GREY	DETERIORATED
512	BASEMENT	6	B	DOOR	METAL	GREY	DETERIORATED
516	BASEMENT	2	B	DOOR	WOOD	GREY	DETERIORATED
517	BASEMENT	4	B	DOOR	WOOD	BLACK	DETERIORATED
518	BASEMENT	4	B	DOOR CASING	WOOD	BLACK	DETERIORATED
528	BASEMENT	3	C	CABINET	WOOD	GREY	DETERIORATED
530	BASEMENT	3	D	DOOR CASING	WOOD	BLACK	DETERIORATED
533	BASEMENT	3	B	VACUUM UNIT	METAL	GREY	DETERIORATED
535	BASEMENT	CRAWL SPACE	D	DOOR CASING	METAL	GREY	DETERIORATED
536	BASEMENT	CRAWL SPACE	D	DOOR	METAL	GREY	DETERIORATED
541	1	STAIR 1	B	DOOR	METAL	BEIGE	DETERIORATED
542	1	STAIR 1	B	DOOR CASING	METAL	BEIGE	DETERIORATED
546	1	STAIR 1	C	STRINGER	METAL	GREEN	DETERIORATED
560	SECOND	200	C	WALL	PLASTER	BLUE	INTACT
561	SECOND	200	C	WALL	PLASTER	BEIGE	INTACT
562	SECOND	200	D	WALL	PLASTER	BEIGE	INTACT
573	SECOND	202	A	WALL	PLASTER	TAN	INTACT
574	SECOND	202	B	WALL	PLASTER	TAN	INTACT
575	SECOND	202	C	WALL	PLASTER	TAN	INTACT
576	SECOND	202	C	CEILING	PLASTER	TAN	INTACT
577	SECOND	201	A	WALL	PLASTER	TAN	INTACT
580	SECOND	201	D	WALL	PLASTER	TAN	INTACT
581	SECOND	201	D	CEILING	PLASTER	TAN	INTACT
589	SECOND	203	B	LADDER	METAL	BLACK	DETERIORATED
591	SECOND	203	A	WALL	PLASTER	BEIGE	INTACT

592	SECOND	203	B	WALL	PLASTER	BEIGE	INTACT
593	SECOND	203	C	WALL	PLASTER	BEIGE	DETERIORATED
595	SECOND	203	D	WALL	PLASTER	BEIGE	DETERIORATED
596	SECOND	203	D	CEILING	PLASTER	BEIGE	DETERIORATED
597	SECOND	204	A	WALL	PLASTER	GREY	DETERIORATED
599	SECOND	204	C	WALL	PLASTER	GREY	DETERIORATED
619	SECOND	205	C	WALL	PLASTER	BLUE	INTACT
620	SECOND	205	D	WALL	PLASTER	GREEN	DETERIORATED
621	SECOND	206	A	WALL	PLASTER	TAN	INTACT
623	SECOND	206	C	WALL	PLASTER	TAN	INTACT
624	SECOND	206	D	WALL	PLASTER	TAN	INTACT
640	SECOND	207	B	WALL	PLASTER	BLUE	INTACT
641	SECOND	207	C	WALL	PLASTER	GREY	DETERIORATED
642	SECOND	207	D	WALL	PLASTER	GREY	INTACT
644	SECOND	208	B	WALL	PLASTER	YELLOW	INTACT
645	SECOND	208	B	WALL	PLASTER	YELLOW	INTACT
647	SECOND	208	C	WALL	PLASTER	YELLOW	INTACT
648	SECOND	208	C	WALL	PLASTER	YELLOW	INTACT
649	SECOND	208	D	WALL	PLASTER	YELLOW	INTACT
661	SECOND	209	A	WALL	PLASTER	BLUE	INTACT
662	SECOND	209	B	WALL	PLASTER	BLUE	INTACT
663	SECOND	209	C	WALL	PLASTER	BLUE	INTACT
673	SECOND	210	A	WALL	PLASTER	GREY	INTACT
675	SECOND	210	C	WALL	PLASTER	GREY	INTACT
689	SECOND	211A	C	SINK	METAL	WHITE	DETERIORATED
690	SECOND	211A	D	LADDER	METAL	BLACK	DETERIORATED
691	SECOND	211A	A	WALL	PLASTER	GREY	DETERIORATED
692	SECOND	211A	B	WALL	PLASTER	GREY	DETERIORATED
693	SECOND	211A	C	WALL	PLASTER	GREY	DETERIORATED
694	SECOND	211A	D	WALL	PLASTER	GREY	DETERIORATED
703	SECOND	211	A	WALL	PLASTER	GREY	INTACT
704	SECOND	211	B	WALL	PLASTER	GREY	INTACT
705	SECOND	211	C	WALL	PLASTER	GREY	INTACT
708	SECOND	212	A	WALL	PLASTER	BLUE	INTACT
709	SECOND	212	B	WALL	PLASTER	BLUE	INTACT
710	SECOND	212	C	WALL	PLASTER	BLUE	INTACT
726	SECOND	213	D	LADDER	METAL	BLACK	DETERIORATED
734	SECOND	215	A	HAND RAIL	METAL	BLACK	DETERIORATED
735	SECOND	215	D	ELECTRICAL PANEL	METAL	BLACK	INTACT
736	SECOND	215	B	STRINGER	METAL	BLACK	DETERIORATED
742	SECOND	215	B	DOOR CASING	METAL	TAN	DETERIORATED
752	SECOND	217	D	WALL PARTITION	FIBERBOARD	GREEN	INTACT
754	SECOND	216	C	WALL	PLASTER	GREEN	INTACT
755	SECOND	216	B	WALL	PLASTER	GREEN	INTACT
757	SECOND	216	D	WALL	PLASTER	GREEN	INTACT

764	EXTERIOR		B	HAND RAIL	METAL	BLACK	DETERIORATED
768	EXTERIOR		A	WINDOW CASING	WOOD	BEIGE	INTACT
769	EXTERIOR		A	DOOR CASING	WOOD	BEIGE	INTACT
774	EXTERIOR		C	DOOR CASING	WOOD	WHITE	DETERIORATED
249							
367							
537							

EA GROUP
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APPENDIX C-2

XRF Survey Results - All Readings

#	FLOOR	AREA/ROOM	SIDE	COMPONENT	SUBSTRATE	COLOR	CONDITION	Results	PbC
249									1.98
250	1			VERIFICATION				Negative	0.8
251	1			VERIFICATION				Negative	0.9
252	1			VERIFICATION				Negative	0.9
253	1			VERIFICATION				Negative	0.9
254	FIRST	116	A	WALL	PLASTER	GREEN	INTACT	Negative	< LOD
255	FIRST	116	B	WALL	PLASTER	BEIGE	INTACT	Negative	< LOD
257	FIRST	116	D	WALL	PLASTER	BEIGE	INTACT	Negative	< LOD
258	FIRST	116	A	SHELF	WOOD	VARNISH	INTACT	Negative	< LOD
259	FIRST	116	B	DOOR CASING	WOOD	VARNISH	INTACT	Negative	< LOD
260	FIRST	116	B	BASEBOARD	WOOD	VARNISH	INTACT	Negative	< LOD
261	FIRST	116	C	CHALKBOARD FRAME	WOOD	VARNISH	INTACT	Negative	< LOD
262	FIRST	116	D	WINDOW CASING	WOOD	VARNISH	INTACT	Negative	< LOD
263	FIRST	116	D	RADIATOR	METAL	SILVER	DETERIORATED	Negative	< LOD
264	FIRST	116	B	UNIVENT	METAL	BEIGE	INTACT	Negative	< LOD
265	FIRST	115	A	CEILING	PLASTER	WHITE	DETERIORATED	Negative	0.3
266	FIRST	115	A	WALL	PLASTER	BLUE	INTACT	Positive	6.1
267	FIRST	115	B	WALL	PLASTER	BLUE	INTACT	Positive	< LOD
268	FIRST	115	C	WALL	PLASTER	BLUE	INTACT	Positive	< LOD
269	FIRST	115	D	WALL	PLASTER	BLUE	INTACT	Positive	5.9
270	FIRST	115	A	BASEBOARD	WOOD	VARNISH	INTACT	Negative	< LOD
271	FIRST	115	B	BASEBOARD	WOOD	VARNISH	INTACT	Negative	< LOD
272	FIRST	115	B	DOOR CASING	WOOD	VARNISH	INTACT	Negative	< LOD
273	FIRST	115	C	CHAIR RAIL	WOOD	VARNISH	INTACT	Negative	< LOD
274	FIRST	115	D	WINDOW CASING	WOOD	VARNISH	INTACT	Negative	< LOD
275	FIRST	115	D	DOOR	WOOD	VARNISH	INTACT	Negative	< LOD
276	FIRST	114	D	CEILING	PLASTER	BLUE	INTACT	Positive	2.5
277	FIRST	114	A	WALL	PLASTER	BLUE	INTACT	Positive	4.3
278	FIRST	114	B	WALL	PLASTER	BLUE	INTACT	Positive	2.8
279	FIRST	114	C	WALL	PLASTER	BLUE	INTACT	Positive	5
280	FIRST	114	D	WALL	PLASTER	BLUE	INTACT	Positive	2.8
281	FIRST	114	D	WINDOW CASING	WOOD	VARNISH	INTACT	Negative	< LOD
282	FIRST	114	A	RADIATOR	METAL	SILVER	DETERIORATED	Negative	< LOD
283	FIRST	114	B	DOOR CASING	WOOD	VARNISH	INTACT	Negative	< LOD
284	FIRST	114	B	DOOR	WOOD	VARNISH	INTACT	Negative	< LOD
285	FIRST	113	A	DOOR	WOOD	VARNISH	INTACT	Negative	< LOD
286	FIRST	113	A	DOOR CASING	WOOD	VARNISH	INTACT	Negative	0.27
287	FIRST	113	B	BASEBOARD	WOOD	VARNISH	INTACT	Negative	< LOD
288	FIRST	113	B	CHALKBOARD FRAME	WOOD	VARNISH	INTACT	Negative	< LOD
289	FIRST	113	B	CHAIR RAIL	WOOD	VARNISH	INTACT	Negative	< LOD
290	FIRST	113	D	WINDOW CASING	WOOD	VARNISH	INTACT	Negative	< LOD
291	FIRST	113	D	RADIATOR	METAL	SILVER	DETERIORATED	Negative	< LOD
292	FIRST	113	A	WALL	PLASTER	BLUE	INTACT	Negative	< LOD
294	FIRST	113	B	WALL	PLASTER	BLUE	INTACT	Negative	< LOD
296	FIRST	113	D	WALL	PLASTER	BLUE	INTACT	Negative	< LOD
297	FIRST	113	B	UNIVENT	METAL	BEIGE	INTACT	Negative	< LOD

#	FLOOR	AREA/ROOM	SIDE	COMPONENT	SUBSTRATE	COLOR	CONDITION	Results	PbC
298	FIRST	112	B	RADIATOR	METAL	BEIGE	DETERIORATED	Negative	< LOD
299	FIRST	112	A	CHALKBOARD FRAME	WOOD	VARNISH	INTACT	Negative	< LOD
300	FIRST	112	A	DOOR	WOOD	VARNISH	INTACT	Negative	< LOD
301	FIRST	112	B	DOOR CASING	WOOD	VARNISH	INTACT	Negative	< LOD
302	FIRST	112	B	BASEBOARD	WOOD	VARNISH	INTACT	Negative	< LOD
303	FIRST	112	D	WINDOW CASING	WOOD	VARNISH	INTACT	Negative	< LOD
304	FIRST	112	B	CHAIR RAIL	WOOD	BLUE	INTACT	Negative	< LOD
305	FIRST	112	A	WALL	PLASTER	BLUE	INTACT	Positive	6.7
306	FIRST	112	B	WALL	PLASTER	BLUE	INTACT	Negative	< LOD
307	FIRST	112	C	WALL	PLASTER	BLUE	INTACT	Positive	< LOD
308	FIRST	112	D	WALL	PLASTER	BLUE	INTACT	Positive	3.9
309	FIRST	111	A	WALL	PLASTER	GREEN	INTACT	Positive	2
310	FIRST	111	B	WALL	PLASTER	BEIGE	INTACT	Negative	< LOD
311	FIRST	111	C	WALL	PLASTER	BEIGE	INTACT	Negative	< LOD
312	FIRST	111	D	WALL	PLASTER	GREY	INTACT	Negative	< LOD
313	FIRST	111	D	WINDOW CASING	WOOD	VARNISH	INTACT	Negative	< LOD
314	FIRST	111	A	CHALKBOARD FRAME	WOOD	VARNISH	INTACT	Negative	< LOD
315	FIRST	111	B	DOOR CASING	WOOD	VARNISH	INTACT	Negative	< LOD
316	FIRST	111	B	CHAIR RAIL	WOOD	VARNISH	INTACT	Negative	< LOD
317	FIRST	111	C	DOOR	WOOD	VARNISH	INTACT	Negative	< LOD
318	FIRST	111	C	DOOR CASING	WOOD	VARNISH	INTACT	Negative	< LOD
319	FIRST	111	C	BASEBOARD	WOOD	VARNISH	INTACT	Negative	< LOD
320	FIRST	111	C	FLOOR	WOOD	VARNISH	INTACT	Negative	< LOD
321	FIRST	111	D	RADIATOR	METAL	SILVER	DETERIORATED	Negative	< LOD
322	FIRST	110	A	WALL	PLASTER	GREEN	INTACT	Positive	5.8
323	FIRST	110	B	WALL	PLASTER	GREEN	INTACT	Positive	5.3
324	FIRST	110	C	WALL	PLASTER	GREEN	INTACT	Positive	2.6
325	FIRST	110	D	WALL	PLASTER	GREEN	INTACT	Positive	< LOD
326	FIRST	110	A	DOOR	WOOD	WHITE	INTACT	Negative	< LOD
327	FIRST	110	A	DOOR	METAL	WHITE	INTACT	Negative	< LOD
328	FIRST	110	B	RADIATOR	METAL	SILVER	DETERIORATED	Negative	< LOD
329	FIRST	110	C	CROWN MOLDING	WOOD	WHITE	INTACT	Positive	3.4
330	FIRST	119-107	A	WALL	PLASTER	BLUE	INTACT	Positive	< LOD
331	FIRST	119-107	B	WALL	PLASTER	BLUE	INTACT	Positive	6.7
332	FIRST	119-107	C	WALL	PLASTER	TAN	INTACT	Positive	9.2
334	FIRST	119-107	D	WALL	PLASTER	GREY	INTACT	Negative	< LOD
335	FIRST	119-107	D	WINDOW CASING	WOOD	VARNISH	INTACT	Negative	< LOD
336	FIRST	119-107	A	CABINET	WOOD	VARNISH	INTACT	Negative	< LOD
337	FIRST	119-107	A	BASEBOARD	WOOD	VARNISH	INTACT	Negative	< LOD
338	FIRST	119-107	A	DOOR CASING	WOOD	VARNISH	INTACT	Negative	< LOD
339	FIRST	119-107	B	DOOR	WOOD	VARNISH	INTACT	Negative	< LOD
340	FIRST	119-107	B	CEILING	PLASTER	WHITE	INTACT	Positive	4.9
341	FIRST	105	B	CEILING	PLASTER	WHITE	INTACT	Negative	< LOD
342	FIRST	105	B	SHELF	WOOD	VARNISH	INTACT	Negative	< LOD
344	FIRST	105	B	WALL	PLASTER	TAN	INTACT	Negative	0.12
345	FIRST	105	C	WALL	PLASTER	TAN	INTACT	Negative	< LOD

#	FLOOR	AREA/ROOM	SIDE	COMPONENT	SUBSTRATE	COLOR	CONDITION	Results	PbC
346	FIRST	105	D	WALL	PLASTER	TAN	INTACT	Negative	< LOD
347	FIRST	108	A	WALL	PLASTER	BLUE	INTACT	Negative	< LOD
348	FIRST	108	B	WALL	PLASTER	BLUE	INTACT	Positive	< LOD
349	FIRST	108	C	WALL	PLASTER	BLUE	INTACT	Positive	7.2
351	FIRST	108	D	BASEBOARD	WOOD	VARNISH	INTACT	Negative	< LOD
350	FIRST	108	D	WALL	PLASTER	BLUE	INTACT	Positive	8.1
352	FIRST	108	A	WINDOW CASING	WOOD	VARNISH	INTACT	Negative	< LOD
353	FIRST	108	B	DOOR CASING	WOOD	VARNISH	INTACT	Negative	< LOD
354	FIRST	108	B	DOOR	WOOD	VARNISH	INTACT	Negative	< LOD
355	FIRST	106	B	DOOR	WOOD	VARNISH	INTACT	Negative	< LOD
356	FIRST	106	B	DOOR CASING	WOOD	VARNISH	INTACT	Negative	< LOD
357	FIRST	106	B	BASEBOARD	WOOD	VARNISH	INTACT	Negative	< LOD
358	FIRST	106	A	RADIATOR	METAL	SILVER	INTACT	Negative	< LOD
359	FIRST	106	A	WALL	PLASTER	GREEN	INTACT	Negative	< LOD
360	FIRST	106	B	WALL	PLASTER	GREEN	INTACT	Negative	< LOD
362	FIRST	106	D	WALL	PLASTER	GREEN	INTACT	Negative	< LOD
361	FIRST	106	C	WALL	PLASTER	GREEN	INTACT	Positive	2.6
364	1			VERIFICATION				Negative	0.9
365	1			VERIFICATION				Negative	0.9
366	1			VERIFICATION				Negative	0.9
367									2.18
368	FIRST	104	A	WALL	PLASTER	BLUE	INTACT	Negative	< LOD
369	FIRST	104	B	WALL	DRYWALL	BLUE	INTACT	Negative	< LOD
370	FIRST	104	C	WALL	PLASTER	BLUE	INTACT	Positive	3.4
371	FIRST	104	D	WALL	PLASTER	BLUE	INTACT	Positive	3.7
372	FIRST	104	B	DOOR CASING	WOOD	VARNISH	INTACT	Negative	< LOD
373	FIRST	104	B	RADIATOR	METAL	TAN	INTACT	Negative	< LOD
374	FIRST	104	C	DOOR CASING	METAL	WHITE	INTACT	Negative	< LOD
375	FIRST	104	D	SHELF	WOOD	VARNISH	INTACT	Negative	< LOD
376	FIRST	104	D	BASEBOARD	WOOD	VARNISH	INTACT	Negative	< LOD
377	FIRST	103	D	BASEBOARD	WOOD	VARNISH	INTACT	Negative	< LOD
378	FIRST	103	D	DOOR	WOOD	VARNISH	INTACT	Negative	< LOD
379	FIRST	103	C	SHELF	WOOD	VARNISH	INTACT	Negative	< LOD
380	FIRST	103	B	WINDOW CASING	WOOD	VARNISH	INTACT	Negative	< LOD
382	FIRST	103	B	RADIATOR	WOOD	SILVER	DETERIORATED	Negative	< LOD
383	FIRST	103	A	WALL	DRYWALL	BLUE	INTACT	Negative	< LOD
385	FIRST	103	B	WALL	DRYWALL	BLUE	DETERIORATED	Negative	< LOD
386	FIRST	103	C	WALL	DRYWALL	BLUE	DETERIORATED	Positive	< LOD
387	FIRST	103	D	WALL	DRYWALL	BLUE	INTACT	Positive	< LOD
388	FIRST	103	D	FLOOR	WOOD	VARNISH	INTACT	Negative	< LOD
389	FIRST	102	D	CEILING	PLASTER	PINK	INTACT	Positive	3
390	FIRST	102	A	WALL	PLASTER	PINK	INTACT	Positive	4.1
391	FIRST	102	B	WALL	PLASTER	PINK	INTACT	Positive	1.8
392	FIRST	102	C	WALL	PLASTER	PINK	INTACT	Positive	3.4
394	FIRST	102	D	WALL	PLASTER	PINK	INTACT	Positive	3.4
395	FIRST	102	D	DOOR CASING	WOOD	VARNISH	INTACT	Negative	< LOD

#	FLOOR	AREA/ROOM	SIDE	COMPONENT	SUBSTRATE	COLOR	CONDITION	Results	PbC
396	FIRST	102	C	DOOR	WOOD	VARNISH	INTACT	Negative	< LOD
397	FIRST	102	C	DOOR CASING	WOOD	VARNISH	INTACT	Negative	< LOD
398	FIRST	102	B	RADIATOR	METAL	SILVER	DETERIORATED	Negative	< LOD
399	FIRST	100-101	B	RADIATOR	METAL	SILVER	DETERIORATED	Negative	< LOD
400	FIRST	100-101	B	WINDOW CASING	WOOD	VARNISH	INTACT	Negative	< LOD
401	FIRST	100-101	A	CHALKBOARD FRAME	WOOD	VARNISH	INTACT	Negative	< LOD
402	FIRST	100-101	A	BASEBOARD	WOOD	VARNISH	INTACT	Negative	< LOD
403	FIRST	100-101	A	FLOOR	WOOD	VARNISH	INTACT	Negative	< LOD
404	FIRST	100-101	A	BASEBOARD	WOOD	VARNISH	INTACT	Negative	< LOD
405	FIRST	100-101	D	DOOR	WOOD	VARNISH	INTACT	Negative	< LOD
406	FIRST	100-101	D	DOOR CASING	WOOD	VARNISH	INTACT	Negative	< LOD
407	FIRST	100-101	D	SHELF	WOOD	VARNISH	INTACT	Negative	< LOD
409	FIRST	100-101	B	WALL	PLASTER	GREY	INTACT	Negative	< LOD
410	FIRST	100-101	C	WALL	BRICK	WHITE	DETERIORATED	Negative	< LOD
411	FIRST	100-101	D	WALL	PLASTER	BLUE	INTACT	Negative	< LOD
412	FIRST	JANITOR 1	A	WALL	PLASTER	GREY	INTACT	Negative	< LOD
413	FIRST	JANITOR 1	B	WALL	PLASTER	WHITE	INTACT	Negative	< LOD
415	FIRST	JANITOR 1	D	WALL	PLASTER	GREY	DETERIORATED	Negative	< LOD
416	FIRST	JANITOR 1	C	SHELF	WOOD	GREY	DETERIORATED	Negative	0.27
417	FIRST	JANITOR 1	C	CEILING	PLASTER	WHITE	DETERIORATED	Negative	< LOD
418	FIRST	JANITOR 1	C	CEILING	CONCRETE	GREY	DETERIORATED	Negative	< LOD
419	FIRST	JANITOR 1	A	SINK	METAL	WHITE	DETERIORATED	Negative	< LOD
420	FIRST	JANITOR 1	B	DOOR CASING	WOOD	VARNISH	INTACT	Negative	< LOD
421	FIRST	117	B	DOOR CASING	WOOD	VARNISH	INTACT	Negative	< LOD
422	FIRST	117	C	DOOR	WOOD	BROWN	DETERIORATED	Negative	< LOD
423	FIRST	117	C	FLOOR	WOOD	VARNISH	INTACT	Negative	< LOD
424	FIRST	117	C	RADIATOR	METAL	BROWN	INTACT	Negative	< LOD
425	FIRST	117	C	WINDOW CASING	WOOD	VARNISH	INTACT	Negative	< LOD
426	FIRST	117	B	BACKBOARD	WOOD	WHITE	INTACT	Negative	< LOD
429	FIRST	118	B	CROWN MOLDING	WOOD	VARNISH	INTACT	Negative	< LOD
428	FIRST	118	B	CEILING	PLASTER	WHITE	INTACT	Positive	10
430	FIRST	118	A	DOOR	WOOD	BROWN	INTACT	Negative	< LOD
431	FIRST	118	A	DOOR CASING	WOOD	BROWN	INTACT	Negative	< LOD
432	FIRST	118	A	WALL	DRYWALL	WHITE	INTACT	Negative	< LOD
433	FIRST	118	B	WALL	DRYWALL	WHITE	INTACT	Negative	< LOD
434	FIRST	118	B	CABINET	WOOD	VARNISH	INTACT	Negative	< LOD
437	FIRST	119	C	CROWN MOLDING	WOOD	VARNISH	INTACT	Negative	< LOD
436	FIRST	119	C	CEILING	WOOD	WHITE	INTACT	Positive	6.3
438	FIRST	119	C	SOFFIT	DRYWALL	WHITE	DETERIORATED	Negative	< LOD
439	FIRST	119	C	DOOR CASING	WOOD	BROWN	INTACT	Negative	< LOD
440	FIRST	119	C	WALL	DRYWALL	WHITE	INTACT	Negative	< LOD
441	FIRST	119	D	DOOR	WOOD	VARNISH	INTACT	Negative	< LOD
443	FIRST	JANITOR 2	D	DOOR	WOOD	VARNISH	INTACT	Negative	< LOD
444	FIRST	JANITOR 2	D	DOOR CASING	WOOD	VARNISH	INTACT	Negative	< LOD
446	FIRST	JANITOR 2	A	CHAIR RAIL	WOOD	GREY	INTACT	Negative	< LOD
447	FIRST	JANITOR 2	B	RADIATOR	WOOD	VARNISH	DETERIORATED	Negative	< LOD

#	FLOOR	AREA/ROOM	SIDE	COMPONENT	SUBSTRATE	COLOR	CONDITION	Results	PbC
448	FIRST	JANITOR 2	C	SINK	METAL	WHITE	DETERIORATED	Positive	7.3
449	FIRST	JANITOR 2	C	CEILING	PLASTER	WHITE	DETERIORATED	Negative	0.26
452	FIRST	JANITOR 2	A	WALL	PLASTER	GREY	DETERIORATED	Positive	3.5
453	FIRST	JANITOR 2	B	WALL	PLASTER	GREY	DETERIORATED	Negative	< LOD
455	FIRST	JANITOR 2	C	WALL	PLASTER	GREY	DETERIORATED	Positive	3.3
458	FIRST	JANITOR 2	C	RADIATOR	WOOD	GREY	DETERIORATED	Negative	< LOD
457	FIRST	JANITOR 2	D	WALL	PLASTER	GREY	DETERIORATED	Positive	3.1
459	FIRST	120	A	WALL	PLASTER	YELLOW	INTACT	Positive	8
460	FIRST	120	B	WALL	PLASTER	YELLOW	INTACT	Positive	9.4
461	FIRST	120	C	WALL	PLASTER	YELLOW	INTACT	Positive	9.2
462	FIRST	120	D	WALL	PLASTER	YELLOW	INTACT	Positive	8.8
464	FIRST	120	A	DOOR CASING	WOOD	VARNISH	INTACT	Negative	< LOD
463	FIRST	120	D	CEILING	PLASTER	YELLOW	INTACT	Positive	< LOD
465	FIRST	121-122	A	DOOR CASING	WOOD	YELLOW	INTACT	Positive	9.6
466	FIRST	121-122	B	BASEBOARD	WOOD	YELLOW	INTACT	Positive	< LOD
467	FIRST	121-122	B	CEILING	PLASTER	WHITE	INTACT	Positive	7.1
468	FIRST	121-122	A	WALL	PLASTER	WHITE	INTACT	Positive	9.8
469	FIRST	121-122	C	WALL	PLASTER	WHITE	INTACT	Positive	7
471	FIRST	121-122	D	FLOOR	WOOD	VARNISH	INTACT	Negative	< LOD
470	FIRST	121-122	D	WALL	PLASTER	WHITE	INTACT	Positive	< LOD
472	FIRST	121-122	B	COLUMN	WOOD	WHITE	INTACT	Positive	< LOD
473	FIRST	123	D	COLUMN	WOOD	WHITE	INTACT	Positive	< LOD
475	FIRST	123	D	FLOOR	WOOD	VARNISH	INTACT	Negative	< LOD
474	FIRST	123	D	WAINSCOTING	WOOD	WHITE	INTACT	Positive	< LOD
476	FIRST	123	B	CROWN MOLDING	WOOD	WHITE	INTACT	Positive	4.1
477	FIRST	123	B	DOOR CASING	WOOD	WHITE	INTACT	Positive	< LOD
478	FIRST	123	A	WALL	PLASTER	WHITE	INTACT	Positive	< LOD
480	FIRST	123	B	WALL	PLASTER	GREEN	INTACT	Positive	6.4
481	FIRST	123	C	WALL	PLASTER	WHITE	INTACT	Negative	< LOD
482	FIRST	123	D	WALL	PLASTER	WHITE	INTACT	Positive	7.8
483	FIRST	123	C	RADIATOR	METAL	YELLOW	INTACT	Negative	0.5
484	FIRST	123a	C	CEILING	PLASTER	BLUE	INTACT	Negative	< LOD
485	FIRST	123a	A	WALL	PLASTER	BLUE	DETERIORATED	Negative	< LOD
486	FIRST	123a	B	WALL	PLASTER	BLUE	DETERIORATED	Negative	< LOD
487	FIRST	123a	C	WALL	PLASTER	BLUE	DETERIORATED	Negative	< LOD
488	FIRST	123a	D	WALL	PLASTER	BLUE	DETERIORATED	Negative	< LOD
490	FIRST	123a	D	FLOOR	METAL	GREY	DETERIORATED	Negative	< LOD
491	FIRST	124	D	DOOR	WOOD	VARNISH	INTACT	Negative	< LOD
492	FIRST	124	D	DOOR CASING	WOOD	VARNISH	INTACT	Negative	< LOD
493	FIRST	124	D	WALL	PLASTER	GREEN	INTACT	Positive	5.2
494	FIRST	124	A	WALL	PLASTER	GREEN	INTACT	Positive	3.4
495	FIRST	124	B	WALL	PLASTER	GREEN	INTACT	Positive	9
496	FIRST	124	C	WALL	PLASTER	GREEN	INTACT	Negative	< LOD
497	FIRST	124	D	WINDOW CASING	WOOD	VARNISH	INTACT	Negative	< LOD
498	BASEMENT	1	A	CEILING	CONCRETE	BEIGE	DETERIORATED	Negative	< LOD
499	BASEMENT	1	A	FLOOR	CONCRETE	GREY	DETERIORATED	Negative	< LOD

#	FLOOR	AREA/ROOM	SIDE	COMPONENT	SUBSTRATE	COLOR	CONDITION	Results	PbC
500	BASEMENT	1	A	HAND RAIL	METAL	BLACK	DETERIORATED	Positive	4.9
501	BASEMENT	1	D	DOOR	METAL	GREY	DETERIORATED	Negative	< LOD
502	BASEMENT	1	D	DOOR CASING	METAL	GREY	DETERIORATED	Negative	< LOD
503	BASEMENT	1	D	WALL	BRICK	GREY	DETERIORATED	Negative	< LOD
504	BASEMENT	1	A	WALL	BRICK	GREY	DETERIORATED	Negative	< LOD
506	BASEMENT	1	B	WALL	BRICK	YELLOW	DETERIORATED	Negative	< LOD
507	BASEMENT	1	C	WALL	BRICK	YELLOW	DETERIORATED	Negative	< LOD
508	BASEMENT	1	D	DOOR	WOOD	GREY	DETERIORATED	Positive	< LOD
509	BASEMENT	1	D	BOILER	METAL	BLUE	INTACT	Negative	< LOD
510	BASEMENT	1	B	INCINERATOR	METAL	SILVER	INTACT	Negative	< LOD
511	BASEMENT	6	B	WALL	BRICK	WHITE	DETERIORATED	Negative	< LOD
512	BASEMENT	6	B	DOOR	METAL	GREY	DETERIORATED	Positive	< LOD
513	BASEMENT	2	D	WALL	BRICK	WHITE	DETERIORATED	Negative	< LOD
514	BASEMENT	2	D	COLUMN	METAL	RED	DETERIORATED	Negative	< LOD
515	BASEMENT	2	B	DOOR CASING	WOOD	GREY	DETERIORATED	Negative	0.7
516	BASEMENT	2	B	DOOR	WOOD	GREY	DETERIORATED	Positive	19.8
517	BASEMENT	4	B	DOOR	WOOD	BLACK	DETERIORATED	Positive	20
518	BASEMENT	4	B	DOOR CASING	WOOD	BLACK	DETERIORATED	Positive	22
519	BASEMENT	4	B	CEILING	CONCRETE	BLACK	DETERIORATED	Negative	0.04
520	BASEMENT	4	A	WALL	BRICK	TAN	INTACT	Negative	< LOD
521	BASEMENT	4	B	WALL	BRICK	TAN	INTACT	Negative	< LOD
522	BASEMENT	4	C	WALL	BRICK	TAN	INTACT	Negative	< LOD
523	BASEMENT	4	D	WALL	BRICK	TAN	INTACT	Negative	< LOD
524	BASEMENT	3	D	WALL	BRICK	TAN	INTACT	Negative	< LOD
525	BASEMENT	3	A	WALL	BRICK	TAN	INTACT	Negative	< LOD
526	BASEMENT	3	B	WALL	BRICK	TAN	INTACT	Negative	< LOD
527	BASEMENT	3	C	WALL	BRICK	TAN	DETERIORATED	Negative	< LOD
528	BASEMENT	3	C	CABINET	WOOD	GREY	DETERIORATED	Positive	< LOD
529	BASEMENT	3	D	BASEBOARD	METAL	GREY	DETERIORATED	Negative	< LOD
530	BASEMENT	3	D	DOOR CASING	WOOD	BLACK	DETERIORATED	Positive	18
531	BASEMENT	3	A	ELECTRICAL PANEL	METAL	GREY	INTACT	Negative	< LOD
532	BASEMENT	3	A	CEILING	CONCRETE	TAN	INTACT	Negative	< LOD
533	BASEMENT	3	B	VACUUM UNIT	METAL	GREY	DETERIORATED	Positive	1.5
534	BASEMENT	CRAWL SPACE	D	PIPE	METAL	BLACK	INTACT	Negative	< LOD
535	BASEMENT	CRAWL SPACE	D	DOOR CASING	METAL	GREY	DETERIORATED	Positive	< LOD
536	BASEMENT	CRAWL SPACE	D	DOOR	METAL	GREY	DETERIORATED	Positive	< LOD
537									1.69
538	1			VERIFICATION				Negative	0.9
539	1			VERIFICATION				Negative	0.9
540	1			VERIFICATION				Negative	0.9
541	1	STAIR 1	B	DOOR	METAL	BEIGE	DETERIORATED	Positive	5.9
542	1	STAIR 1	B	DOOR CASING	METAL	BEIGE	DETERIORATED	Positive	4.6
543	1	STAIR 1	B	HAND RAIL	METAL	BLACK	DETERIORATED	Negative	0.16
544	1	STAIR 1	B	RISER	CONCRETE	GREY	DETERIORATED	Negative	0.04
545	1	STAIR 1	B	STRINGER	METAL	BLACK	DETERIORATED	Negative	0.27
546	1	STAIR 1	C	STRINGER	METAL	GREEN	DETERIORATED	Positive	2.9

#	FLOOR	AREA/ROOM	SIDE	COMPONENT	SUBSTRATE	COLOR	CONDITION	Results	PbC
547	1	STAIR 1	B	RISER	METAL	GREEN	DETERIORATED	Negative	0.6
548	1	STAIR 1	B	STRINGER	METAL	GREEN	DETERIORATED	Negative	0.13
549	1	STAIR 1	B	NEWEL POST	METAL	GREEN	DETERIORATED	Negative	0.6
550	1	STAIR 1	B	HAND RAIL	WOOD	VARNISH	INTACT	Negative	< LOD
551	1	STAIR 2	A	HAND RAIL	WOOD	VARNISH	INTACT	Negative	< LOD
552	1	STAIR 2	C	WINDOW CASING	WOOD	VARNISH	INTACT	Negative	< LOD
553	1	STAIR 2	D	NEWEL POST	METAL	GREEN	DETERIORATED	Negative	0.7
554	1	STAIR 2	D	RISER	METAL	GREEN	DETERIORATED	Negative	0.3
555	1	STAIR 2	B	STRINGER	METAL	GREEN	DETERIORATED	Negative	0.4
556	SECOND	200	B	RADIATOR	METAL	SILVER	DETERIORATED	Negative	< LOD
557	SECOND	200	D	UNIVENT	METAL	TAN	DETERIORATED	Negative	< LOD
559	SECOND	200	B	WALL	PLASTER	BLUE	INTACT	Negative	< LOD
560	SECOND	200	C	WALL	PLASTER	BLUE	INTACT	Positive	< LOD
561	SECOND	200	C	WALL	PLASTER	BEIGE	INTACT	Positive	< LOD
562	SECOND	200	D	WALL	PLASTER	BEIGE	INTACT	Positive	3.8
563	SECOND	200	D	FLOOR	WOOD	VARNISH	INTACT	Negative	< LOD
564	SECOND	200	D	DOOR CASING	WOOD	VARNISH	INTACT	Negative	< LOD
565	SECOND	200	C	CHALKBOARD FRAME	WOOD	VARNISH	INTACT	Negative	< LOD
566	SECOND	200	B	WINDOW CASING	WOOD	VARNISH	INTACT	Negative	< LOD
567	SECOND	200	B	BASEBOARD	WOOD	VARNISH	INTACT	Negative	< LOD
568	SECOND	200	D	DOOR	WOOD	VARNISH	INTACT	Negative	< LOD
569	SECOND	202	D	DOOR	WOOD	VARNISH	INTACT	Negative	< LOD
570	SECOND	202	D	DOOR	WOOD	VARNISH	INTACT	Negative	< LOD
571	SECOND	202	A	SHELF	WOOD	VARNISH	INTACT	Negative	< LOD
572	SECOND	202	A	FLOOR	CONCRETE	GREY	DETERIORATED	Negative	< LOD
573	SECOND	202	A	WALL	PLASTER	TAN	INTACT	Positive	5.1
574	SECOND	202	B	WALL	PLASTER	TAN	INTACT	Positive	4.3
575	SECOND	202	C	WALL	PLASTER	TAN	INTACT	Positive	3.2
576	SECOND	202	C	CEILING	PLASTER	TAN	INTACT	Positive	< LOD
578	SECOND	201	B	WALL	PLASTER	TAN	INTACT	Negative	< LOD
577	SECOND	201	A	WALL	PLASTER	TAN	INTACT	Positive	3.1
579	SECOND	201	C	WALL	PLASTER	TAN	INTACT	Negative	< LOD
580	SECOND	201	D	WALL	PLASTER	TAN	INTACT	Positive	< LOD
582	SECOND	201	D	DOOR CASING	WOOD	VARNISH	INTACT	Negative	< LOD
583	SECOND	201	D	DOOR	WOOD	VARNISH	INTACT	Negative	< LOD
581	SECOND	201	D	CEILING	PLASTER	TAN	INTACT	Positive	3.3
584	SECOND	201	B	WINDOW CASING	WOOD	VARNISH	INTACT	Negative	< LOD
585	SECOND	201	D	DOOR CASING	WOOD	VARNISH	INTACT	Negative	< LOD
586	SECOND	201	D	DOOR	WOOD	VARNISH	INTACT	Negative	< LOD
587	SECOND	201	A	SHELF	WOOD	VARNISH	INTACT	Negative	< LOD
588	SECOND	201	A	ANGLE IRON	METAL	BLACK	INTACT	Negative	< LOD
589	SECOND	203	B	LADDER	METAL	BLACK	DETERIORATED	Positive	1.4
590	SECOND	203	C	SINK	METAL	BEIGE	DETERIORATED	Negative	0.4
591	SECOND	203	A	WALL	PLASTER	BEIGE	INTACT	Positive	4.3
592	SECOND	203	B	WALL	PLASTER	BEIGE	INTACT	Positive	3.2
593	SECOND	203	C	WALL	PLASTER	BEIGE	DETERIORATED	Positive	< LOD

#	FLOOR	AREA/ROOM	SIDE	COMPONENT	SUBSTRATE	COLOR	CONDITION	Results	PbC
595	SECOND	203	D	WALL	PLASTER	BEIGE	DETERIORATED	Positive	2
596	SECOND	203	D	CEILING	PLASTER	BEIGE	DETERIORATED	Positive	2.7
597	SECOND	204	A	WALL	PLASTER	GREY	DETERIORATED	Positive	4.4
598	SECOND	204	B	WALL	PLASTER	GREY	DETERIORATED	Negative	< LOD
599	SECOND	204	C	WALL	PLASTER	GREY	DETERIORATED	Positive	4.2
601	SECOND	204	D	FLOOR	DRYWALL	VARNISH	INTACT	Negative	< LOD
602	SECOND	204	D	DOOR CASING	WOOD	VARNISH	INTACT	Negative	< LOD
603	SECOND	204	D	DOOR	WOOD	VARNISH	INTACT	Negative	< LOD
604	SECOND	204	C	CHALKBOARD FRAME	WOOD	VARNISH	INTACT	Negative	< LOD
605	SECOND	204	B	WINDOW CASING	WOOD	VARNISH	DETERIORATED	Negative	< LOD
606	SECOND	204	B	BASEBOARD	WOOD	VARNISH	DETERIORATED	Negative	< LOD
607	SECOND	204	B	RADIATOR	METAL	SILVER	DETERIORATED	Negative	< LOD
608	SECOND	204	D	UNIVENT	METAL	BEIGE	DETERIORATED	Negative	< LOD
609	SECOND	205	D	UNIVENT	METAL	BEIGE	DETERIORATED	Negative	< LOD
610	SECOND	205	B	RADIATOR	METAL	SILVER	DETERIORATED	Negative	< LOD
611	SECOND	205	B	WINDOW CASING	WOOD	VARNISH	INTACT	Negative	< LOD
612	SECOND	205	A	CHALKBOARD FRAME	WOOD	VARNISH	INTACT	Negative	< LOD
613	SECOND	205	A	FLOOR	WOOD	VARNISH	INTACT	Negative	< LOD
614	SECOND	205	D	BASEBOARD	WOOD	VARNISH	INTACT	Negative	< LOD
615	SECOND	205	D	DOOR	WOOD	VARNISH	INTACT	Negative	< LOD
616	SECOND	205	D	DOOR CASING	WOOD	VARNISH	INTACT	Negative	< LOD
617	SECOND	205	A	WALL	PLASTER	BLUE	INTACT	Negative	< LOD
618	SECOND	205	B	WALL	PLASTER	GREEN	INTACT	Negative	< LOD
619	SECOND	205	C	WALL	PLASTER	BLUE	INTACT	Positive	5.9
620	SECOND	205	D	WALL	PLASTER	GREEN	DETERIORATED	Positive	7.6
622	SECOND	206	B	WALL	PLASTER	TAN	INTACT	Negative	< LOD
621	SECOND	206	A	WALL	PLASTER	TAN	INTACT	Positive	7.8
623	SECOND	206	C	WALL	PLASTER	TAN	INTACT	Positive	< LOD
624	SECOND	206	D	WALL	PLASTER	TAN	INTACT	Positive	< LOD
625	SECOND	206	D	BASEBOARD	WOOD	VARNISH	INTACT	Negative	< LOD
626	SECOND	206	A	WINDOW CASING	WOOD	VARNISH	INTACT	Negative	< LOD
627	SECOND	206	B	DOOR CASING	WOOD	VARNISH	INTACT	Negative	< LOD
628	SECOND	206	B	DOOR	WOOD	VARNISH	INTACT	Negative	< LOD
629	SECOND	206	B	CHALKBOARD FRAME	WOOD	VARNISH	INTACT	Negative	< LOD
630	SECOND	206	A	RADIATOR	METAL	SILVER	DETERIORATED	Negative	0.3
631	SECOND	207	A	RADIATOR	METAL	SILVER	DETERIORATED	Negative	0.1
632	SECOND	207	C	UNIVENT	METAL	BEIGE	DETERIORATED	Negative	< LOD
633	SECOND	207	C	FLOOR	WOOD	VARNISH	INTACT	Negative	< LOD
634	SECOND	207	C	DOOR	WOOD	VARNISH	INTACT	Negative	< LOD
635	SECOND	207	C	DOOR CASING	WOOD	VARNISH	INTACT	Negative	< LOD
636	SECOND	207	C	BASEBOARD	WOOD	VARNISH	INTACT	Negative	< LOD
637	SECOND	207	B	CHALKBOARD FRAME	WOOD	VARNISH	INTACT	Negative	< LOD
638	SECOND	207	A	WINDOW CASING	WOOD	VARNISH	INTACT	Negative	< LOD
639	SECOND	207	A	WALL	PLASTER	GREY	INTACT	Negative	< LOD
640	SECOND	207	B	WALL	PLASTER	BLUE	INTACT	Positive	4.3
641	SECOND	207	C	WALL	PLASTER	GREY	DETERIORATED	Positive	6.6

#	FLOOR	AREA/ROOM	SIDE	COMPONENT	SUBSTRATE	COLOR	CONDITION	Results	PbC
642	SECOND	207	D	WALL	PLASTER	GREY	INTACT	Positive	9.1
643	SECOND	208	A	WALL	PLASTER	YELLOW	INTACT	Negative	0.27
644	SECOND	208	B	WALL	PLASTER	YELLOW	INTACT	Positive	5.6
645	SECOND	208	B	WALL	PLASTER	YELLOW	INTACT	Positive	7.9
647	SECOND	208	C	WALL	PLASTER	YELLOW	INTACT	Positive	9.3
648	SECOND	208	C	WALL	PLASTER	YELLOW	INTACT	Positive	< LOD
649	SECOND	208	D	WALL	PLASTER	YELLOW	INTACT	Positive	< LOD
650	SECOND	208	D	BASEBOARD	WOOD	VARNISH	INTACT	Negative	< LOD
651	SECOND	208	D	CHALKBOARD FRAME	WOOD	VARNISH	INTACT	Negative	< LOD
652	SECOND	208	C	DOOR CASING	WOOD	VARNISH	INTACT	Negative	< LOD
653	SECOND	208	C	DOOR	WOOD	VARNISH	INTACT	Negative	< LOD
654	SECOND	208	A	WINDOW CASING	WOOD	VARNISH	INTACT	Negative	< LOD
655	SECOND	208	A	RADIATOR	METAL	SILVER	DETERIORATED	Negative	< LOD
656	SECOND	208	C	UNIVENT	METAL	BEIGE	INTACT	Negative	< LOD
657	SECOND	208	C	FLOOR	WOOD	VARNISH	INTACT	Negative	< LOD
658				VERIFICATION				Negative	0.9
659				VERIFICATION				Negative	0.9
660				VERIFICATION				Negative	0.9
661	SECOND	209	A	WALL	PLASTER	BLUE	INTACT	Positive	3.7
664	SECOND	209	C	WALL	DRYWALL	BLUE	INTACT	Negative	< LOD
662	SECOND	209	B	WALL	PLASTER	BLUE	INTACT	Positive	< LOD
663	SECOND	209	C	WALL	PLASTER	BLUE	INTACT	Positive	< LOD
665	SECOND	209	D	WALL	PLASTER	BLUE	INTACT	Negative	< LOD
666	SECOND	209	D	RADIATOR	METAL	SILVER	DETERIORATED	Negative	< LOD
667	SECOND	209	B	UNIVENT	METAL	TAN	DETERIORATED	Negative	< LOD
668	SECOND	209	B	DOOR CASING	WOOD	VARNISH	INTACT	Negative	< LOD
669	SECOND	209	B	BASEBOARD	WOOD	VARNISH	INTACT	Negative	< LOD
670	SECOND	209	B	DOOR	WOOD	VARNISH	INTACT	Negative	< LOD
671	SECOND	209	D	WINDOW CASING	WOOD	VARNISH	INTACT	Negative	< LOD
672	SECOND	209	A	CHALKBOARD FRAME	WOOD	VARNISH	INTACT	Negative	< LOD
673	SECOND	210	A	WALL	PLASTER	GREY	INTACT	Positive	3.1
676	SECOND	210	D	WALL	PLASTER	WHITE	INTACT	Negative	< LOD
675	SECOND	210	C	WALL	PLASTER	GREY	INTACT	Positive	< LOD
677	SECOND	210	D	RADIATOR	METAL	SILVER	DETERIORATED	Negative	< LOD
678	SECOND	210	B	UNIVENT	METAL	BEIGE	INTACT	Negative	< LOD
679	SECOND	210	B	FLOOR	WOOD	VARNISH	INTACT	Negative	< LOD
680	SECOND	210	B	DOOR CASING	WOOD	VARNISH	INTACT	Negative	< LOD
681	SECOND	210	B	BASEBOARD	WOOD	VARNISH	INTACT	Negative	< LOD
682	SECOND	210	B	DOOR	WOOD	VARNISH	INTACT	Negative	< LOD
683	SECOND	210	A	CHALKBOARD FRAME	WOOD	VARNISH	INTACT	Negative	< LOD
684	SECOND	210	D	CHAIR RAIL	WOOD	BROWN	INTACT	Negative	< LOD
685	SECOND	211A	D	DOOR CASING	WOOD	VARNISH	DETERIORATED	Negative	< LOD
686	SECOND	211A	D	BASEBOARD	WOOD	VARNISH	INTACT	Negative	< LOD
687	SECOND	211A	D	DOOR	WOOD	VARNISH	INTACT	Negative	< LOD
688	SECOND	211A	A	SHELF	WOOD	VARNISH	DETERIORATED	Negative	< LOD
689	SECOND	211A	C	SINK	METAL	WHITE	DETERIORATED	Positive	1.7

#	FLOOR	AREA/ROOM	SIDE	COMPONENT	SUBSTRATE	COLOR	CONDITION	Results	PbC
690	SECOND	211A	D	LADDER	METAL	BLACK	DETERIORATED	Positive	2
691	SECOND	211A	A	WALL	PLASTER	GREY	DETERIORATED	Positive	2.5
692	SECOND	211A	B	WALL	PLASTER	GREY	DETERIORATED	Positive	2.3
693	SECOND	211A	C	WALL	PLASTER	GREY	DETERIORATED	Positive	1.4
695	SECOND	211A	D	CHAIR RAIL	WOOD	VARNISH	DETERIORATED	Negative	< LOD
694	SECOND	211A	D	WALL	PLASTER	GREY	DETERIORATED	Positive	2.1
696	SECOND	211A	A	ANGLE IRON	METAL	BLACK	DETERIORATED	Negative	< LOD
697	SECOND	211	D	RADIATOR	METAL	SILVER	DETERIORATED	Negative	< LOD
698	SECOND	211	B	DOOR CASING	WOOD	VARNISH	INTACT	Negative	< LOD
700	SECOND	211	B	DOOR	WOOD	VARNISH	INTACT	Negative	< LOD
701	SECOND	211	D	WINDOW CASING	WOOD	VARNISH	INTACT	Negative	0.5
702	SECOND	211	D	PIPE	METAL	BLACK	DETERIORATED	Negative	< LOD
703	SECOND	211	A	WALL	PLASTER	GREY	INTACT	Positive	2.2
704	SECOND	211	B	WALL	PLASTER	GREY	INTACT	Positive	4.1
705	SECOND	211	C	WALL	PLASTER	GREY	INTACT	Positive	2.9
706	SECOND	211	D	WALL	PLASTER	GREY	INTACT	Negative	< LOD
707	SECOND	211	D	CEILING	PLASTER	WHITE	INTACT	Negative	< LOD
708	SECOND	212	A	WALL	PLASTER	BLUE	INTACT	Positive	2.5
709	SECOND	212	B	WALL	PLASTER	BLUE	INTACT	Positive	< LOD
710	SECOND	212	C	WALL	PLASTER	BLUE	INTACT	Positive	9.7
711	SECOND	212	D	WALL	PLASTER	BLUE	INTACT	Negative	< LOD
712	SECOND	212	D	RADIATOR	METAL	SILVER	DETERIORATED	Negative	< LOD
713	SECOND	212	B	UNIVENT	METAL	BEIGE	DETERIORATED	Negative	< LOD
714	SECOND	212	B	FLOOR	WOOD	VARNISH	INTACT	Negative	< LOD
715	SECOND	212	B	DOOR CASING	WOOD	VARNISH	INTACT	Negative	< LOD
716	SECOND	212	B	BASEBOARD	WOOD	VARNISH	INTACT	Negative	< LOD
717	SECOND	212	B	DOOR	WOOD	VARNISH	INTACT	Negative	< LOD
718	SECOND	212	A	CHALKBOARD FRAME	WOOD	VARNISH	INTACT	Negative	< LOD
719	SECOND	218	A	CABINET	WOOD	VARNISH	INTACT	Negative	< LOD
720	SECOND	218	C	UNIVENT	METAL	BEIGE	INTACT	Negative	< LOD
721	SECOND	218	A	WALL	PLASTER	YELLOW	DETERIORATED	Negative	< LOD
722	SECOND	218	C	WALL	PLASTER	YELLOW	INTACT	Negative	< LOD
723	SECOND	218	D	WALL	PLASTER	YELLOW	INTACT	Negative	< LOD
724	SECOND	213	D	WALL	METAL	BLACK	DETERIORATED	Negative	< LOD
725	SECOND	213	D	AIR HANDLING UNIT	METAL	BLACK	DETERIORATED	Negative	< LOD
726	SECOND	213	D	LADDER	METAL	BLACK	DETERIORATED	Positive	2.4
727	SECOND	213	D	DOOR CASING	WOOD	VARNISH	DETERIORATED	Negative	< LOD
728	SECOND	213	D	DOOR	WOOD	VARNISH	DETERIORATED	Negative	< LOD
729	SECOND	214	A	DOOR	WOOD	VARNISH	DETERIORATED	Negative	< LOD
730	SECOND	214	A	DOOR CASING	WOOD	VARNISH	DETERIORATED	Negative	< LOD
731	SECOND	214	A	ladder	METAL	BLACK	DETERIORATED	Negative	< LOD
732	SECOND	214	C	AIR HANDLING UNIT	METAL	BLACK	DETERIORATED	Negative	< LOD
733	SECOND	214	A	PIPE	METAL	BLACK	DETERIORATED	Negative	< LOD
734	SECOND	215	A	HAND RAIL	METAL	BLACK	DETERIORATED	Positive	1.2
735	SECOND	215	D	ELECTRICAL PANEL	METAL	BLACK	INTACT	Positive	2.4
736	SECOND	215	B	STRINGER	METAL	BLACK	DETERIORATED	Positive	3

#	FLOOR	AREA/ROOM	SIDE	COMPONENT	SUBSTRATE	COLOR	CONDITION	Results	PbC
737	SECOND	215	A	WALL	PLASTER	GREEN	DETERIORATED	Negative	< LOD
739	SECOND	215	C	WALL	PLASTER	GREEN	DETERIORATED	Negative	< LOD
740	SECOND	215	D	WALL	PLASTER	GREEN	DETERIORATED	Negative	0.8
743	SECOND	215	B	DOOR	METAL	TAN	DETERIORATED	Negative	0.22
742	SECOND	215	B	DOOR CASING	METAL	TAN	DETERIORATED	Positive	3.8
744	SECOND	217	B	DOOR	WOOD	VARNISH	INTACT	Negative	< LOD
745	SECOND	217	A	DOOR CASING	WOOD	VARNISH	INTACT	Negative	< LOD
746	SECOND	217	A	WALL	PLASTER	GREEN	INTACT	Negative	< LOD
747	SECOND	217	A	WALL	PLASTER	BEIGE	INTACT	Negative	< LOD
748	SECOND	217	A	WALL	DRYWALL	GREEN	INTACT	Negative	< LOD
749	SECOND	217	B	WALL	DRYWALL	GREEN	INTACT	Negative	< LOD
750	SECOND	217	C	WALL	DRYWALL	GREEN	INTACT	Negative	< LOD
752	SECOND	217	D	WALL PARTITION	FIBERBOARD	GREEN	INTACT	Positive	1.3
753	SECOND	217	C	UNIVENT	METAL	GREEN	INTACT	Negative	< LOD
754	SECOND	216	C	WALL	PLASTER	GREEN	INTACT	Positive	7.7
755	SECOND	216	B	WALL	PLASTER	GREEN	INTACT	Positive	3.8
756	SECOND	216	C	WALL	PLASTER	GREEN	INTACT	Negative	< LOD
757	SECOND	216	D	WALL	PLASTER	GREEN	INTACT	Positive	< LOD
758	SECOND	216	D	WINDOW CASING	WOOD	VARNISH	INTACT	Negative	< LOD
759	SECOND	216	D	DOOR CASING	WOOD	VARNISH	INTACT	Negative	< LOD
760	SECOND	216	C	DOOR	WOOD	VARNISH	INTACT	Negative	< LOD
762	SECOND	216	C	DOOR	METAL	TAN	DETERIORATED	Negative	0.29
763	SECOND	216	C	DOOR CASING	METAL	TAN	DETERIORATED	Negative	0.4
764	EXTERIOR		B	HAND RAIL	METAL	BLACK	DETERIORATED	Positive	9.2
765	EXTERIOR		B	DOWN SPOUT	METAL	BROWN	INTACT	Negative	< LOD
766	EXTERIOR		B	DOOR	METAL	GREY	DETERIORATED	Negative	< LOD
767	EXTERIOR		B	DOOR CASING	METAL	GREY	DETERIORATED	Negative	< LOD
768	EXTERIOR		A	WINDOW CASING	WOOD	BEIGE	INTACT	Positive	2.1
770	EXTERIOR		A	DOOR	METAL	BEIGE	INTACT	Negative	< LOD
769	EXTERIOR		A	DOOR CASING	WOOD	BEIGE	INTACT	Positive	1.5
771	EXTERIOR		C	WINDOW CASING	WOOD	BEIGE	DETERIORATED	Negative	< LOD
772	EXTERIOR		C	WINDOW CASING	WOOD	BEIGE	DETERIORATED	Negative	0.6
773	EXTERIOR		C	WINDOW SASH	WOOD	BEIGE	DETERIORATED	Negative	0.9
774	EXTERIOR		C	DOOR CASING	WOOD	WHITE	DETERIORATED	Positive	6.2
775	EXTERIOR	GAS HOUSE	B	DOOR CASING	WOOD	WHITE	INTACT	Negative	< LOD
776	EXTERIOR	GAS HOUSE	B	DOOR	WOOD	WHITE	INTACT	Negative	< LOD
778	EXTERIOR	GAS HOUSE	C	FASCIA	WOOD	BEIGE	DETERIORATED	Negative	0.9

EA GROUP
Environmental Analysis and Management

APPENDIX C-3

XRF Survey Results - Raw Data

Reading No	Date/Time	Type	Duration	Units	COMPONENT	SUBSTRATE	SIDE	CONDITION	COLOR	FLOOR	AREA/ROOM	Res	EScale1	EscleCT	Results	Depth Index	Action Level	PbC	PbC Error	PbL	PbL Error	PbK	PbK Error
249	9/11/2023 10:10	SHUTTER_CAL	153.87	cps								380.89	4.5	2.68				1.98	0	0.34	0	0	0
250	9/11/2023 10:17	PAINT	3.94	mg / cm ^2	1	1	1	1	1	1	1				Negative	1.1	1	0.8	0.1	0.8	0.1	< LOD	1.2
251	9/11/2023 10:18	PAINT	4.66	mg / cm ^2	1	1	1	1	1	1	1				Negative	1.09	1	0.9	0.1	0.9	0.1	< LOD	1.05
252	9/11/2023 10:19	PAINT	4.79	mg / cm ^2	1	1	1	1	1	1	1				Negative	1.14	1	0.9	0.1	0.9	0.1	< LOD	1.05
253	9/11/2023 10:20	PAINT	4.29	mg / cm ^2	1	1	1	1	1	1	1				Negative	1.15	1	0.9	0.1	0.9	0.1	< LOD	1.05
254	9/11/2023 10:25	PAINT	1.31	mg / cm ^2	WALL	PLASTER	A	INTACT	GREEN	FIRST	116				Negative	2.79	1	< LOD	0.27	< LOD	0.27	< LOD	3.6
255	9/11/2023 10:25	PAINT	3.7	mg / cm ^2	WALL	PLASTER	B	INTACT	BEIGE	FIRST	116				Negative	3.81	1	< LOD	1.44	0.19	0.09	< LOD	1.44
256	9/11/2023 10:26	PAINT	1.43	mg / cm ^2	WALL	PLASTER	C	INTACT	BEIGE	FIRST	116				Null	3.12	1	< LOD	0.3	< LOD	0.3	< LOD	3.36
257	9/11/2023 10:27	PAINT	3.46	mg / cm ^2	WALL	PLASTER	D	INTACT	BEIGE	FIRST	116				Negative	8.39	1	< LOD	1.12	< LOD	0.12	< LOD	1.12
258	9/11/2023 10:28	PAINT	1.32	mg / cm ^2	SHELF	WOOD	A	INTACT	VARNISH	FIRST	116				Negative	1	1	< LOD	0.04	< LOD	0.04	< LOD	2.42
259	9/11/2023 10:28	PAINT	1.31	mg / cm ^2	DOOR CASING	WOOD	B	INTACT	VARNISH	FIRST	116				Negative	1	1	< LOD	0.04	< LOD	0.04	< LOD	2.04
260	9/11/2023 10:29	PAINT	1.32	mg / cm ^2	BASEBOARD	WOOD	B	INTACT	VARNISH	FIRST	116				Negative	1	1	< LOD	0.03	< LOD	0.03	< LOD	2.11
261	9/11/2023 10:30	PAINT	1.43	mg / cm ^2	CHALKBOARD FRAME	WOOD	C	INTACT	VARNISH	FIRST	116				Negative	1	1	< LOD	0.04	< LOD	0.04	< LOD	1.88
262	9/11/2023 10:32	PAINT	1.42	mg / cm ^2	WINDOW CASING	WOOD	D	INTACT	VARNISH	FIRST	116				Negative	1.94	1	< LOD	0.1	< LOD	0.1	< LOD	2.23
263	9/11/2023 10:33	PAINT	1.32	mg / cm ^2	RADIATOR	METAL	D	DETERIORATED	SILVER	FIRST	116				Negative	1.41	1	< LOD	0.13	< LOD	0.13	< LOD	4.23
264	9/11/2023 10:35	PAINT	1.31	mg / cm ^2	UNIVENT	METAL	B	INTACT	BEIGE	FIRST	116				Negative	1	1	< LOD	0.03	< LOD	0.03	< LOD	3.67
265	9/11/2023 10:38	PAINT	5.85	mg / cm ^2	CEILING	PLASTER	A	DETERIORATED	WHITE	FIRST	115				Negative	7.05	1	0.3	0.13	0.3	0.13	1.5	0.8
266	9/11/2023 10:39	PAINT	1.31	mg / cm ^2	WALL	PLASTER	A	INTACT	BLUE	FIRST	115				Positive	10	1	6.1	4	< LOD	1.2	6.1	4
267	9/11/2023 10:41	PAINT	1.55	mg / cm ^2	WALL	PLASTER	B	INTACT	BLUE	FIRST	115				Positive	10	1	< LOD	4.65	< LOD	1.05	< LOD	4.65
268	9/11/2023 10:41	PAINT	0.96	mg / cm ^2	WALL	PLASTER	C	INTACT	BLUE	FIRST	115				Positive	9.09	1	< LOD	12	< LOD	1.5	< LOD	12
269	9/11/2023 10:41	PAINT	1.31	mg / cm ^2	WALL	PLASTER	D	INTACT	BLUE	FIRST	115				Positive	3.88	1	5.9	3.9	< LOD	0.36	5.9	3.9
270	9/11/2023 10:42	PAINT	1.31	mg / cm ^2	BASEBOARD	WOOD	A	INTACT	VARNISH	FIRST	115				Negative	1.66	1	< LOD	0.1	< LOD	0.1	< LOD	2.19
271	9/11/2023 10:43	PAINT	1.19	mg / cm ^2	BASEBOARD	WOOD	B	INTACT	VARNISH	FIRST	115				Negative	1.63	1	< LOD	0.09	< LOD	0.09	< LOD	2.58
272	9/11/2023 10:44	PAINT	1.55	mg / cm ^2	DOOR CASING	WOOD	B	INTACT	VARNISH	FIRST	115				Negative	1.75	1	< LOD	0.1	< LOD	0.1	< LOD	2.27
273	9/11/2023 10:45	PAINT	1.31	mg / cm ^2	CHAIR RAIL	WOOD	C	INTACT	VARNISH	FIRST	115				Negative	1.85	1	< LOD	0.05	< LOD	0.05	< LOD	2.35
274	9/11/2023 10:46	PAINT	1.31	mg / cm ^2	WINDOW CASING	WOOD	D	INTACT	VARNISH	FIRST	115				Negative	1.18	1	< LOD	0.08	< LOD	0.08	< LOD	2.4
275	9/11/2023 10:47	PAINT	2.37	mg / cm ^2	DOOR	WOOD	D	INTACT	VARNISH	FIRST	115				Negative	1	1	< LOD	0.03	< LOD	0.03	< LOD	1.52
276	9/11/2023 10:50	PAINT	5.25	mg / cm ^2	CEILING	PLASTER	D	INTACT	BLUE	FIRST	114				Positive	10	1	2.5	0.9	0.3	0.2	2.5	0.9
277	9/11/2023 10:51	PAINT	2.39	mg / cm ^2	WALL	PLASTER	A	INTACT	BLUE	FIRST	114				Positive	4.47	1	4.3	2.4	< LOD	0.32	4.3	2.4
278	9/11/2023 10:52	PAINT	3.93	mg / cm ^2	WALL	PLASTER	B	INTACT	BLUE	FIRST	114				Positive	10	1	2.8	1.1	0.6	0.3	2.8	1.1
279	9/11/2023 10:53	PAINT	2.15	mg / cm ^2	WALL	PLASTER	C	INTACT	BLUE	FIRST	114				Positive	10	1	5	2.7	< LOD	1.05	5	2.7
280	9/11/2023 10:54	PAINT	4.04	mg / cm ^2	WALL	PLASTER	D	INTACT	BLUE	FIRST	114				Positive	6.38	1	2.8	1.1	0.4	0.2	2.8	1.1
281	9/11/2023 10:55	PAINT	1.9	mg / cm ^2	WINDOW CASING	WOOD	D	INTACT	VARNISH	FIRST	114				Negative	1.32	1	< LOD	0.08	< LOD	0.08	< LOD	1.92
282	9/11/2023 10:56	PAINT	1.79	mg / cm ^2	RADIATOR	METAL	A	DETERIORATED	SILVER	FIRST	114				Negative	1	1	< LOD	0.03	< LOD	0.03	< LOD	3.44
283	9/11/2023 10:57	PAINT	3.1	mg / cm ^2	DOOR CASING	WOOD	B	INTACT	VARNISH	FIRST	114				Negative	1.31	1	< LOD	0.05	< LOD	0.05	< LOD	1.39
284	9/11/2023 10:57	PAINT	2.51	mg / cm ^2	DOOR	WOOD	B	INTACT	VARNISH	FIRST	114				Negative	1	1	< LOD	0.03	< LOD	0.03	< LOD	1.63
285	9/11/2023 11:09	PAINT	1.31	mg / cm ^2	DOOR	WOOD	A	INTACT	VARNISH	FIRST	113				Negative	1	1	< LOD	0.06	< LOD	0.06	< LOD	1.93
286	9/11/2023 11:09	PAINT	1.32	mg / cm ^2	DOOR CASING	WOOD	A	INTACT	VARNISH	FIRST	113				Negative	1.12	1	0.27	0.13	0.27	0.13	< LOD	2.4
287	9/11/2023 11:10	PAINT	1.3	mg / cm ^2	BASEBOARD	WOOD	B	INTACT	VARNISH	FIRST	113				Negative	1.02	1	< LOD	0.04	< LOD	0.04	< LOD	2.15
288	9/11/2023 11:11	PAINT	1.31	mg / cm ^2	CBF	WOOD	B	INTACT	VARNISH	FIRST	113				Negative	1.14	1	< LOD	0.07	< LOD	0.07	< LOD	2.1
289	9/11/2023 11:11	PAINT	1.19	mg / cm ^2	CHAIR RAIL	WOOD	B	INTACT	VARNISH	FIRST	113				Negative	1.22	1	< LOD	0.06	< LOD	0.06	< LOD	2.21
290	9/11/2023 11:12	PAINT	1.31	mg / cm ^2	WINDOW CASING	WOOD	D	INTACT	VARNISH	FIRST	113				Negative	2.1	1	< LOD	0.14	< LOD	0.14	< LOD	2.23
291	9/11/2023 11:12	PAINT	1.43	mg / cm ^2	RADIATOR	METAL	D	DETERIORATED	SILVER	FIRST	113				Negative	2.3	1	< LOD	0.25	< LOD	0.25	< LOD	3.94
292	9/11/2023 11:13	PAINT	2.03	mg / cm ^2	WALL	PLASTER	A	INTACT	BLUE	FIRST	113				Negative	1	1	< LOD	0.03	< LOD	0.03	< LOD	2.44
293	9/11/2023 11:14	PAINT	12.15	mg / cm ^2	WALL	PLASTER	B	INTACT	BLUE	FIRST	113				Null	10	1	0.24	0.11	0.24	0.11	< LOD	0.75
294	9/11/2023 11:15	PAINT	1.19	mg / cm ^2	WALL	PLASTER	B	INTACT	BLUE	FIRST	113				Negative	1	1	< LOD	0.03	< LOD	0.03	< LOD	3.95
295	9/11/2023 11:15	PAINT	1.31	mg / cm ^2	WALL	PLASTER	C	INTACT	BLUE	FIRST	113				Null	4.65	1	< LOD	0.41	< LOD	0.41	< LOD	3.6
296	9/11/2023 11:15	PAINT	2.15	mg / cm ^2	WALL	PLASTER	D	INTACT	BLUE	FIRST	113				Negative	1	1	< LOD	0.03	< LOD	0.03	< LOD	2.16
297	9/11/2023 11:16	PAINT	1.31	mg / cm ^2	UNIVENT	METAL	B	INTACT	BEIGE	FIRST	113				Negative	1	1	< LOD	0.03	< LOD	0.03	< LOD	4.03

Reading No	Date/Time	Type	Duration	Units	COMPONENT	SUBSTRATE	SIDE	CONDITION	COLOR	FLOOR	AREA/ROOM	Res	EScale1	EscleCT	Results	Depth Index	Action Level	PbC	PbC Error	PbL	PbL Error	PbK	PbK Error
298	9/11/2023 11:19	PAINT	1.43	mg / cm ^2	RADIATOR	METAL	B	DETERIORATED	BEIGE	FIRST	112				Negative	1.35	1	< LOD	0.09	< LOD	0.09	< LOD	3.94
299	9/11/2023 11:20	PAINT	1.31	mg / cm ^2	CBF	WOOD	A	INTACT	VARNISH	FIRST	112				Negative	1.48	1	< LOD	0.08	< LOD	0.08	< LOD	2.03
300	9/11/2023 11:21	PAINT	1.31	mg / cm ^2	DOOR	WOOD	A	INTACT	VARNISH	FIRST	112				Negative	1.54	1	< LOD	0.08	< LOD	0.08	< LOD	2.21
301	9/11/2023 11:21	PAINT	1.31	mg / cm ^2	DOOR CASING	WOOD	B	INTACT	VARNISH	FIRST	112				Negative	1.04	1	< LOD	0.06	< LOD	0.06	< LOD	2.27
302	9/11/2023 11:21	PAINT	1.31	mg / cm ^2	BASEBOARD	WOOD	B	INTACT	VARNISH	FIRST	112				Negative	1.81	1	< LOD	0.07	< LOD	0.07	< LOD	2.26
303	9/11/2023 11:22	PAINT	1.43	mg / cm ^2	WINDOW CASING	WOOD	D	INTACT	VARNISH	FIRST	112				Negative	1.02	1	< LOD	0.06	< LOD	0.06	< LOD	2.19
304	9/11/2023 11:23	PAINT	1.31	mg / cm ^2	CHAIR RAIL	WOOD	B	INTACT	BLUE	FIRST	112				Negative	1	1	< LOD	0.03	< LOD	0.03	< LOD	2.13
305	9/11/2023 11:23	PAINT	1.31	mg / cm ^2	WALL	PLASTER	A	INTACT	BLUE	FIRST	112				Positive	10	1	6.7	4.1	< LOD	0.81	6.7	4.1
306	9/11/2023 11:24	PAINT	1.55	mg / cm ^2	WALL	PLASTER	B	INTACT	BLUE	FIRST	112				Negative	1	1	< LOD	0.03	< LOD	0.03	< LOD	2.81
307	9/11/2023 11:24	PAINT	1.31	mg / cm ^2	WALL	PLASTER	C	INTACT	BLUE	FIRST	112				Positive	10	1	< LOD	5.7	< LOD	1.65	< LOD	5.7
308	9/11/2023 11:24	PAINT	2.02	mg / cm ^2	WALL	PLASTER	D	INTACT	BLUE	FIRST	112				Positive	6.39	1	3.9	2.5	< LOD	0.6	3.9	2.5
309	9/11/2023 11:26	PAINT	5.25	mg / cm ^2	WALL	PLASTER	A	INTACT	GREEN	FIRST	111				Positive	7.77	1	2	0.9	0.25	0.14	2	0.9
310	9/11/2023 11:27	PAINT	7.97	mg / cm ^2	WALL	PLASTER	B	INTACT	BEIGE	FIRST	111				Negative	5.41	1	< LOD	0.92	0.14	0.07	< LOD	0.92
311	9/11/2023 11:28	PAINT	5.73	mg / cm ^2	WALL	PLASTER	C	INTACT	BEIGE	FIRST	111				Negative	10	1	< LOD	1.09	< LOD	0.2	< LOD	1.09
312	9/11/2023 11:29	PAINT	2.15	mg / cm ^2	WALL	PLASTER	D	INTACT	GREY	FIRST	111				Negative	1	1	< LOD	0.03	< LOD	0.03	< LOD	2.46
313	9/11/2023 11:30	PAINT	1.43	mg / cm ^2	WINDOW CASING	WOOD	D	INTACT	VARNISH	FIRST	111				Negative	1.75	1	< LOD	0.14	< LOD	0.14	< LOD	2.28
314	9/11/2023 11:30	PAINT	1.31	mg / cm ^2	CBF	WOOD	A	INTACT	VARNISH	FIRST	111				Negative	1	1	< LOD	0.03	< LOD	0.03	< LOD	2.46
315	9/11/2023 11:31	PAINT	1.31	mg / cm ^2	DOOR CASING	WOOD	B	INTACT	VARNISH	FIRST	111				Negative	1.21	1	< LOD	0.06	< LOD	0.06	< LOD	2.21
316	9/11/2023 11:31	PAINT	1.31	mg / cm ^2	CHAIR RAIL	WOOD	B	INTACT	VARNISH	FIRST	111				Negative	1	1	< LOD	0.04	< LOD	0.04	< LOD	2.32
317	9/11/2023 11:32	PAINT	1.31	mg / cm ^2	DOOR	WOOD	C	INTACT	VARNISH	FIRST	111				Negative	1	1	< LOD	0.06	< LOD	0.06	< LOD	1.8
318	9/11/2023 11:32	PAINT	1.31	mg / cm ^2	DOOR CASING	WOOD	C	INTACT	VARNISH	FIRST	111				Negative	1	1	< LOD	0.03	< LOD	0.03	< LOD	2.05
319	9/11/2023 11:33	PAINT	1.31	mg / cm ^2	BASEBOARD	WOOD	C	INTACT	VARNISH	FIRST	111				Negative	1	1	< LOD	0.03	< LOD	0.03	< LOD	2.18
320	9/11/2023 11:33	PAINT	1.32	mg / cm ^2	FLOOR	WOOD	C	INTACT	VARNISH	FIRST	111				Negative	1	1	< LOD	0.03	< LOD	0.03	< LOD	2.06
321	9/11/2023 11:34	PAINT	1.19	mg / cm ^2	RADIATOR	METAL	D	DETERIORATED	SILVER	FIRST	111				Negative	2.7	1	< LOD	0.27	< LOD	0.27	< LOD	4.39
322	9/11/2023 11:36	PAINT	1.32	mg / cm ^2	WALL	PLASTER	A	INTACT	GREEN	FIRST	110				Positive	10	1	5.8	3.6	< LOD	1.35	5.8	3.6
323	9/11/2023 11:36	PAINT	2.15	mg / cm ^2	WALL	PLASTER	B	INTACT	GREEN	FIRST	110				Positive	8.37	1	5.3	2.7	< LOD	0.75	5.3	2.7
324	9/11/2023 11:37	PAINT	3.33	mg / cm ^2	WALL	PLASTER	C	INTACT	GREEN	FIRST	110				Positive	6.5	1	2.6	1.2	0.4	0.2	2.6	1.2
325	9/11/2023 11:37	PAINT	1.31	mg / cm ^2	WALL	PLASTER	D	INTACT	GREEN	FIRST	110				Positive	6.49	1	< LOD	5.85	< LOD	0.59	< LOD	5.85
326	9/11/2023 11:38	PAINT	1.31	mg / cm ^2	DOOR	WOOD	A	INTACT	WHITE	FIRST	110				Negative	1	1	< LOD	0.03	< LOD	0.03	< LOD	2.25
327	9/11/2023 11:38	PAINT	1.19	mg / cm ^2	DOOR	METAL	A	INTACT	WHITE	FIRST	110				Negative	1	1	< LOD	0.03	< LOD	0.03	< LOD	2.72
328	9/11/2023 11:39	PAINT	1.55	mg / cm ^2	RADIATOR	METAL	B	DETERIORATED	SILVER	FIRST	110				Negative	1.58	1	< LOD	0.11	< LOD	0.11	< LOD	3.6
329	9/11/2023 11:48	PAINT	2.27	mg / cm ^2	CROWN MOLDING	WOOD	C	INTACT	WHITE	FIRST	110				Positive	10	1	3.4	2.1	< LOD	1.05	3.4	2.1
330	9/11/2023 11:52	PAINT	2.03	mg / cm ^2	WALL	PLASTER	A	INTACT	BLUE	FIRST	119-107				Positive	10	1	< LOD	4.05	< LOD	0.58	< LOD	4.05
331	9/11/2023 11:52	PAINT	1.31	mg / cm ^2	WALL	PLASTER	B	INTACT	BLUE	FIRST	119-107				Positive	10	1	6.7	4.2	< LOD	0.9	6.7	4.2
332	9/11/2023 11:52	PAINT	1.67	mg / cm ^2	WALL	PLASTER	C	INTACT	TAN	FIRST	119-107				Positive	5.96	1	9.2	3.9	5.1	1.9	9.2	3.9
333	9/11/2023 11:53	PAINT	0.36	mg / cm ^2	WALL	PLASTER	D	INTACT	BLUE	FIRST	119-107				Null	1	1	< LOD	0.03	< LOD	0.03	< LOD	9.52
334	9/11/2023 11:53	PAINT	2.74	mg / cm ^2	WALL	PLASTER	D	INTACT	GREY	FIRST	119-107				Negative	1	1	< LOD	0.03	< LOD	0.03	< LOD	2.14
335	9/11/2023 11:54	PAINT	1.31	mg / cm ^2	WINDOW CASING	WOOD	D	INTACT	VARNISH	FIRST	119-107				Negative	1.3	1	< LOD	0.11	< LOD	0.11	< LOD	2.38
336	9/11/2023 11:54	PAINT	2.15	mg / cm ^2	CABINET	WOOD	A	INTACT	VARNISH	FIRST	119-107				Negative	1	1	< LOD	0.03	< LOD	0.03	< LOD	1.89
337	9/11/2023 11:55	PAINT	1.31	mg / cm ^2	BASEBOARD	WOOD	A	INTACT	VARNISH	FIRST	119-107				Negative	6.35	1	< LOD	0.43	< LOD	0.43	< LOD	2.5
338	9/11/2023 11:55	PAINT	1.31	mg / cm ^2	DOOR CASING	WOOD	A	INTACT	VARNISH	FIRST	119-107				Negative	1.22	1	< LOD	0.07	< LOD	0.07	< LOD	1.97
339	9/11/2023 11:56	PAINT	1.19	mg / cm ^2	DOOR	WOOD	B	INTACT	VARNISH	FIRST	119-107				Negative	1	1	< LOD	0.04	< LOD	0.04	< LOD	2.04
340	9/11/2023 11:56	PAINT	2.03	mg / cm ^2	CEILING	PLASTER	B	INTACT	WHITE	FIRST	119-107				Positive	4.85	1	4.9	2.7	< LOD	0.13	4.9	2.7
341	9/11/2023 11:59	PAINT	4.53	mg / cm ^2	CEILING	PLASTER	B	INTACT	WHITE	FIRST	105				Negative	2.59	1	< LOD	1.1	0.06	0.04	< LOD	1.1
342	9/11/2023 12:01	PAINT	1.44	mg / cm ^2	SHELF	WOOD	B	INTACT	VARNISH	FIRST	105				Negative	1	1	< LOD	0.04	< LOD	0.04	< LOD	2.1
343	9/11/2023 12:02	PAINT	3.34	mg / cm ^2	WALL	PLASTER	A	INTACT	TAN	FIRST	105				Null	8.8	1	< LOD	0.14	< LOD	0.14	< LOD	1.35
344	9/11/2023 12:03	PAINT	5.37	mg / cm ^2	WALL	PLASTER	B	INTACT	TAN	FIRST	105				Negative	1.54	1	0.12	0.03	0.12	0.03	< LOD	1.1
345	9/11/2023 12:04	PAINT	9.42	mg / cm ^2	WALL	PLASTER	C	INTACT	TAN	FIRST	105				Negative	3.27	1	< LOD	0.75	0.07	0.03	< LOD	0.75
346	9/11/2023 12:04	PAINT	1.43	mg / cm ^2	WALL	PLASTER	D	INTACT	TAN	FIRST	105				Negative	1	1	< LOD	0.03	< LOD	0.03	< LOD	3.06

Reading No	Date/Time	Type	Duration	Units	COMPONENT	SUBSTRATE	SIDE	CONDITION	COLOR	FLOOR	AREA/ROOM	Res	EScale1	EscleCT	Results	Depth Index	Action Level	PbC	PbC Error	PbL	PbL Error	PbK	PbK Error
347	9/11/2023 12:05	PAINT	4.53	mg / cm ^2	WALL	PLASTER	A	INTACT	BLUE	FIRST	108				Negative	1	1	< LOD	0.03	< LOD	0.03	< LOD	1.35
348	9/11/2023 12:06	PAINT	1.79	mg / cm ^2	WALL	PLASTER	B	INTACT	BLUE	FIRST	108				Positive	10	1	< LOD	4.5	< LOD	0.46	< LOD	4.5
349	9/11/2023 12:06	PAINT	1.44	mg / cm ^2	WALL	PLASTER	C	INTACT	BLUE	FIRST	108				Positive	10	1	7.2	4	< LOD	0.65	7.2	4
350	9/11/2023 12:07	PAINT	2.14	mg / cm ^2	WALL	PLASTER	D	INTACT	BLUE	FIRST	108				Positive	10	1	8.1	3.2	< LOD	0.69	8.1	3.2
351	9/11/2023 12:07	PAINT	1.43	mg / cm ^2	BASEBOARD	WOOD	D	INTACT	VARNISH	FIRST	108				Negative	1	1	< LOD	0.04	< LOD	0.04	< LOD	2.02
352	9/11/2023 12:08	PAINT	1.31	mg / cm ^2	WINDOW CASING	WOOD	A	INTACT	VARNISH	FIRST	108				Negative	1.03	1	< LOD	0.07	< LOD	0.07	< LOD	2.27
353	9/11/2023 12:08	PAINT	1.31	mg / cm ^2	DOOR CASING	WOOD	B	INTACT	VARNISH	FIRST	108				Negative	1.17	1	< LOD	0.06	< LOD	0.06	< LOD	2.12
354	9/11/2023 12:09	PAINT	1.31	mg / cm ^2	DOOR	WOOD	B	INTACT	VARNISH	FIRST	108				Negative	2.96	1	< LOD	0.12	< LOD	0.12	< LOD	2.24
355	9/11/2023 12:10	PAINT	1.31	mg / cm ^2	DOOR	WOOD	B	INTACT	VARNISH	FIRST	106				Negative	1	1	< LOD	0.03	< LOD	0.03	< LOD	2.25
356	9/11/2023 12:10	PAINT	1.31	mg / cm ^2	DOOR CASING	WOOD	B	INTACT	VARNISH	FIRST	106				Negative	1.43	1	< LOD	0.07	< LOD	0.07	< LOD	2.25
357	9/11/2023 12:10	PAINT	2.14	mg / cm ^2	BASEBOARD	WOOD	B	INTACT	VARNISH	FIRST	106				Negative	2.24	1	< LOD	0.09	< LOD	0.09	< LOD	1.83
358	9/11/2023 12:11	PAINT	1.32	mg / cm ^2	RADIATOR	METAL	A	INTACT	SILVER	FIRST	106				Negative	1.77	1	< LOD	0.23	< LOD	0.23	< LOD	4.12
359	9/11/2023 12:12	PAINT	2.51	mg / cm ^2	WALL	PLASTER	A	INTACT	GREEN	FIRST	106				Negative	1	1	< LOD	0.03	< LOD	0.03	< LOD	1.93
360	9/11/2023 12:12	PAINT	2.38	mg / cm ^2	WALL	PLASTER	B	INTACT	GREEN	FIRST	106				Negative	1	1	< LOD	0.03	< LOD	0.03	< LOD	2.2
361	9/11/2023 12:13	PAINT	3.32	mg / cm ^2	WALL	PLASTER	C	INTACT	GREEN	FIRST	106				Positive	10	1	2.6	1.1	< LOD	0.25	2.6	1.1
362	9/11/2023 12:13	PAINT	5.24	mg / cm ^2	WALL	PLASTER	D	INTACT	GREEN	FIRST	106				Negative	2.81	1	< LOD	0.03	< LOD	0.03	< LOD	0.9
363	9/11/2023 12:20	PAINT	4.66	mg / cm ^2	1	1	1	1	1	1	VERIFICATION				Null	1.2	1	0.9	0.1	0.9	0.1	< LOD	1.35
364	9/11/2023 12:21	PAINT	4.28	mg / cm ^2	1	1	1	1	1	1	VERIFICATION				Negative	1.14	1	0.9	0.1	0.9	0.1	< LOD	1.5
365	9/11/2023 12:21	PAINT	4.54	mg / cm ^2	1	1	1	1	1	1	VERIFICATION				Negative	1.19	1	0.9	0.1	0.9	0.1	< LOD	1.35
366	9/11/2023 12:22	PAINT	5.84	mg / cm ^2	1	1	1	1	1	1	VERIFICATION				Negative	1.19	1	0.9	0.1	0.9	0.1	< LOD	1.2
367	9/11/2023 13:05	SHUTTER_CAL	155.79	cps								387.04	4.5	2.68				2.18	0	0.38	0	0	0
368	9/11/2023 13:12	PAINT	1.8	mg / cm ^2	WALL	PLASTER	A	INTACT	BLUE	FIRST	104				Negative	1	1	< LOD	0.03	< LOD	0.03	< LOD	2.44
369	9/11/2023 13:13	PAINT	1.31	mg / cm ^2	WALL	DRYWALL	B	INTACT	BLUE	FIRST	104				Negative	1	1	< LOD	0.03	< LOD	0.03	< LOD	2.37
370	9/11/2023 13:14	PAINT	2.86	mg / cm ^2	WALL	PLASTER	C	INTACT	BLUE	FIRST	104				Positive	6.4	1	3.4	2.2	< LOD	0.4	3.4	2.2
371	9/11/2023 13:14	PAINT	2.15	mg / cm ^2	WALL	PLASTER	D	INTACT	BLUE	FIRST	104				Positive	10	1	3.7	2.4	< LOD	0.75	3.7	2.4
372	9/11/2023 13:15	PAINT	1.31	mg / cm ^2	DOOR CASING	WOOD	B	INTACT	VARNISH	FIRST	104				Negative	1.34	1	< LOD	0.09	< LOD	0.09	< LOD	2.4
373	9/11/2023 13:15	PAINT	1.32	mg / cm ^2	RADIATOR	METAL	B	INTACT	TAN	FIRST	104				Negative	1	1	< LOD	0.03	< LOD	0.03	< LOD	3.58
374	9/11/2023 13:16	PAINT	1.31	mg / cm ^2	DOOR CASING	METAL	C	INTACT	WHITE	FIRST	104				Negative	1	1	< LOD	0.03	< LOD	0.03	< LOD	3.8
375	9/11/2023 13:16	PAINT	1.32	mg / cm ^2	SHELF	WOOD	D	INTACT	VARNISH	FIRST	104				Negative	1.19	1	< LOD	0.07	< LOD	0.07	< LOD	2.08
376	9/11/2023 13:17	PAINT	1.31	mg / cm ^2	BASEBOARD	WOOD	D	INTACT	VARNISH	FIRST	104				Negative	1.91	1	< LOD	0.12	< LOD	0.12	< LOD	2.38
377	9/11/2023 13:18	PAINT	1.31	mg / cm ^2	BASEBOARD	WOOD	D	INTACT	VARNISH	FIRST	103				Negative	1	1	< LOD	0.05	< LOD	0.05	< LOD	2.35
378	9/11/2023 13:18	PAINT	1.31	mg / cm ^2	DOOR	WOOD	D	INTACT	VARNISH	FIRST	103				Negative	1.55	1	< LOD	0.1	< LOD	0.1	< LOD	1.99
379	9/11/2023 13:19	PAINT	1.31	mg / cm ^2	SHELF	WOOD	C	INTACT	VARNISH	FIRST	103				Negative	1	1	< LOD	0.04	< LOD	0.04	< LOD	2.08
380	9/11/2023 13:20	PAINT	1.31	mg / cm ^2	WINDOW CASING	WOOD	B	INTACT	VARNISH	FIRST	103				Negative	1.77	1	< LOD	0.13	< LOD	0.13	< LOD	2.1
381	9/11/2023 13:20	PAINT	0.84	mg / cm ^2	RADIATOR	WOOD	B	INTACT	SILVER	FIRST	103				Null	1.68	1	< LOD	0.3	< LOD	0.3	< LOD	6.87
382	9/11/2023 13:21	PAINT	1.31	mg / cm ^2	RADIATOR	WOOD	B	DETERIORATED	SILVER	FIRST	103				Negative	1.78	1	< LOD	0.21	< LOD	0.21	< LOD	4.37
383	9/11/2023 13:21	PAINT	1.31	mg / cm ^2	WALL	DRYWALL	A	INTACT	BLUE	FIRST	103				Negative	1	1	< LOD	0.03	< LOD	0.03	< LOD	2.55
384	9/11/2023 13:22	PAINT	1.79	mg / cm ^2	WALL	DRYWALL	B	DETERIORATED	BLUE	FIRST	103				Null	4.84	1	< LOD	0.21	< LOD	0.21	< LOD	3
385	9/11/2023 13:22	PAINT	1.79	mg / cm ^2	WALL	DRYWALL	B	DETERIORATED	BLUE	FIRST	103				Negative	2.78	1	< LOD	0.14	< LOD	0.14	< LOD	2.7
386	9/11/2023 13:22	PAINT	1.31	mg / cm ^2	WALL	DRYWALL	C	DETERIORATED	BLUE	FIRST	103				Positive	10	1	< LOD	5.7	< LOD	0.91	< LOD	5.7
387	9/11/2023 13:23	PAINT	1.31	mg / cm ^2	WALL	DRYWALL	D	INTACT	BLUE	FIRST	103				Positive	10	1	< LOD	5.4	< LOD	1.35	< LOD	5.4
388	9/11/2023 13:24	PAINT	1.31	mg / cm ^2	FLOOR	WOOD	D	INTACT	VARNISH	FIRST	103				Negative	1	1	< LOD	0.04	< LOD	0.04	< LOD	2.16
389	9/11/2023 13:29	PAINT	3.09	mg / cm ^2	CEILING	PLASTER	D	INTACT	PINK	FIRST	102				Positive	10	1	3	1.3	< LOD	0.9	3	1.3
390	9/11/2023 13:31	PAINT	2.74	mg / cm ^2	WALL	PLASTER	A	INTACT	PINK	FIRST	102				Positive	3.65	1	4.1	2.2	0.4	0.2	4.1	2.2
391	9/11/2023 13:32	PAINT	6.08	mg / cm ^2	WALL	PLASTER	B	INTACT	PINK	FIRST	102				Positive	1	1	1.8	0.8	< LOD	0.03	1.8	0.8
392	9/11/2023 13:32	PAINT	2.62	mg / cm ^2	WALL	PLASTER	C	INTACT	PINK	FIRST	102				Positive	4.31	1	3.4	2.2	0.6	0.3	3.4	2.2
393	9/11/2023 13:33	PAINT	2.37	mg / cm ^2	WALL	PLASTER	D	INTACT	PINK	FIRST	102				Null	6.32	1	0.8	0.5	0.8	0.5	< LOD	3.45
394	9/11/2023 13:33	PAINT	3.45	mg / cm ^2	WALL	PLASTER	D	INTACT	PINK	FIRST	102				Positive	4.99	1	3.4	1.3	0.6	0.2	3.4	1.3
395	9/11/2023 13:34	PAINT	1.31	mg / cm ^2	DOOR CASING	WOOD	D	INTACT	VARNISH	FIRST	102				Negative	1	1	< LOD	0.06	< LOD	0.06	< LOD	2.19

Reading No	Date/Time	Type	Duration	Units	COMPONENT	SUBSTRATE	SIDE	CONDITION	COLOR	FLOOR	AREA/ROOM	Res	EScale1	EscleCT	Results	Depth Index	Action Level	PbC	PbC Error	PbL	PbL Error	PbK	PbK Error
396	9/11/2023 13:34	PAINT	1.31	mg / cm ^2	DOOR	WOOD	C	INTACT	VARNISH	FIRST	102				Negative	1.37	1	< LOD	0.09	< LOD	0.09	< LOD	2.32
397	9/11/2023 13:34	PAINT	1.54	mg / cm ^2	DOOR CASING	WOOD	C	INTACT	VARNISH	FIRST	102				Negative	2.42	1	< LOD	0.22	< LOD	0.22	< LOD	2.25
398	9/11/2023 13:35	PAINT	1.55	mg / cm ^2	RADIATOR	METAL	B	DETERIORATED	SILVER	FIRST	102				Negative	1.17	1	< LOD	0.1	< LOD	0.1	< LOD	3.8
399	9/11/2023 13:37	PAINT	1.31	mg / cm ^2	RADIATOR	METAL	B	DETERIORATED	SILVER	FIRST	100-101				Negative	1.54	1	< LOD	0.15	< LOD	0.15	< LOD	4.2
400	9/11/2023 13:38	PAINT	2.75	mg / cm ^2	WINDOW CASING	WOOD	B	INTACT	VARNISH	FIRST	100-101				Negative	1.69	1	< LOD	0.06	< LOD	0.06	< LOD	1.63
401	9/11/2023 13:39	PAINT	1.31	mg / cm ^2	CBF	WOOD	A	INTACT	VARNISH	FIRST	100-101				Negative	1.58	1	< LOD	0.1	< LOD	0.1	< LOD	2.27
402	9/11/2023 13:39	PAINT	1.31	mg / cm ^2	BASEBOARD	WOOD	A	INTACT	VARNISH	FIRST	100-101				Negative	3.52	1	< LOD	0.16	< LOD	0.16	< LOD	2.18
403	9/11/2023 13:40	PAINT	1.31	mg / cm ^2	FLOOR	WOOD	A	INTACT	VARNISH	FIRST	100-101				Negative	1.96	1	< LOD	0.12	< LOD	0.12	< LOD	2.34
404	9/11/2023 13:40	PAINT	1.31	mg / cm ^2	BASEBOARD	WOOD	A	INTACT	VARNISH	FIRST	100-101				Negative	3.76	1	< LOD	0.16	< LOD	0.16	< LOD	2.3
405	9/11/2023 13:41	PAINT	1.43	mg / cm ^2	DOOR	WOOD	D	INTACT	VARNISH	FIRST	100-101				Negative	1	1	< LOD	0.06	< LOD	0.06	< LOD	2.04
406	9/11/2023 13:41	PAINT	1.31	mg / cm ^2	DOOR CASING	WOOD	D	INTACT	VARNISH	FIRST	100-101				Negative	1	1	< LOD	0.06	< LOD	0.06	< LOD	2.17
407	9/11/2023 13:41	PAINT	1.31	mg / cm ^2	SHELF	WOOD	D	INTACT	VARNISH	FIRST	100-101				Negative	1.25	1	< LOD	0.07	< LOD	0.07	< LOD	2.28
408	9/11/2023 13:42	PAINT	2.85	mg / cm ^2	WALL	PLASTER	A	INTACT	GREY	FIRST	100-101				Null	2.79	1	< LOD	0.11	< LOD	0.11	< LOD	1.96
409	9/11/2023 13:43	PAINT	2.5	mg / cm ^2	WALL	PLASTER	B	INTACT	GREY	FIRST	100-101				Negative	1.95	1	< LOD	0.04	< LOD	0.04	< LOD	2.14
410	9/11/2023 13:44	PAINT	3.1	mg / cm ^2	WALL	BRICK	C	DETERIORATED	WHITE	FIRST	100-101				Negative	1	1	< LOD	0.03	< LOD	0.03	< LOD	2.3
411	9/11/2023 13:45	PAINT	3.33	mg / cm ^2	WALL	PLASTER	D	INTACT	BLUE	FIRST	100-101				Negative	7.66	1	< LOD	0.21	< LOD	0.21	< LOD	1.48
412	9/11/2023 13:46	PAINT	1.31	mg / cm ^2	WALL	PLASTER	A	INTACT	GREY	FIRST	jan				Negative	1.87	1	< LOD	0.25	< LOD	0.25	< LOD	3.84
413	9/11/2023 13:47	PAINT	5.01	mg / cm ^2	WALL	PLASTER	B	INTACT	WHITE	FIRST	jan				Negative	2.34	1	< LOD	1.13	0.24	0.06	< LOD	1.13
414	9/11/2023 13:47	PAINT	1.55	mg / cm ^2	WALL	PLASTER	C	DETERIORATED	GREY	FIRST	jan				Null	2.18	1	< LOD	0.26	< LOD	0.26	< LOD	3.3
415	9/11/2023 13:48	PAINT	6.22	mg / cm ^2	WALL	PLASTER	D	DETERIORATED	GREY	FIRST	jan				Negative	2	1	< LOD	1.04	0.29	0.06	< LOD	1.04
416	9/11/2023 13:49	PAINT	1.31	mg / cm ^2	SHELF	WOOD	C	DETERIORATED	GREY	FIRST	jan				Negative	1.1	1	0.27	0.13	0.27	0.13	< LOD	4.2
417	9/11/2023 13:49	PAINT	1.31	mg / cm ^2	CEILING	PLASTER	C	DETERIORATED	WHITE	FIRST	jan				Negative	1.24	1	< LOD	0.14	< LOD	0.14	< LOD	3.45
418	9/11/2023 13:50	PAINT	1.67	mg / cm ^2	CEILING	CONCRETE	C	DETERIORATED	GREY	FIRST	jan				Negative	1	1	< LOD	0.03	< LOD	0.03	< LOD	3.4
419	9/11/2023 13:51	PAINT	1.31	mg / cm ^2	sink	METAL	A	DETERIORATED	WHITE	FIRST	jan				Negative	1.99	1	< LOD	0.28	< LOD	0.28	< LOD	4.35
420	9/11/2023 13:51	PAINT	1.2	mg / cm ^2	DOOR CASING	WOOD	B	INTACT	VARNISH	FIRST	jan				Negative	1	1	< LOD	0.03	< LOD	0.03	< LOD	2.22
421	9/11/2023 13:53	PAINT	1.31	mg / cm ^2	DOOR CASING	WOOD	B	INTACT	VARNISH	FIRST	117				Negative	1.26	1	< LOD	0.06	< LOD	0.06	< LOD	2.16
422	9/11/2023 13:54	PAINT	1.31	mg / cm ^2	DOOR	WOOD	C	DETERIORATED	BROWN	FIRST	117				Negative	1	1	< LOD	0.03	< LOD	0.03	< LOD	3.48
423	9/11/2023 13:54	PAINT	1.31	mg / cm ^2	FLOOR	WOOD	C	INTACT	VARNISH	FIRST	117				Negative	5.86	1	< LOD	0.41	< LOD	0.41	< LOD	2.4
424	9/11/2023 13:56	PAINT	1.31	mg / cm ^2	RADIATOR	METAL	C	INTACT	BROWN	FIRST	117				Negative	1	1	< LOD	0.03	< LOD	0.03	< LOD	4.25
425	9/11/2023 13:57	PAINT	1.32	mg / cm ^2	WINDOW CASING	WOOD	C	INTACT	VARNISH	FIRST	117				Negative	1	1	< LOD	0.05	< LOD	0.05	< LOD	2.26
426	9/11/2023 13:59	PAINT	2.27	mg / cm ^2	BACKBOARD	WOOD	B	INTACT	WHITE	FIRST	117				Negative	1.69	1	< LOD	0.13	< LOD	0.13	< LOD	1.5
427	9/11/2023 14:03	PAINT	0.36	mg / cm ^2	CEILING	PLASTER	B	INTACT	WHITE	FIRST	118				Null	6.25	1	< LOD	3.15	< LOD	3.15	< LOD	23.55
428	9/11/2023 14:04	PAINT	1.67	mg / cm ^2	CEILING	PLASTER	B	INTACT	WHITE	FIRST	118				Positive	5.03	1	10	4.1	1	0.6	10	4.1
429	9/11/2023 14:04	PAINT	1.31	mg / cm ^2	CROWN MOLDING	WOOD	B	INTACT	VARNISH	FIRST	118				Negative	1.3	1	< LOD	0.09	< LOD	0.09	< LOD	2.35
430	9/11/2023 14:05	PAINT	1.3	mg / cm ^2	DOOR	WOOD	A	INTACT	BROWN	FIRST	118				Negative	1	1	< LOD	0.03	< LOD	0.03	< LOD	2.05
431	9/11/2023 14:05	PAINT	1.31	mg / cm ^2	DOOR CASING	WOOD	A	INTACT	BROWN	FIRST	118				Negative	1.11	1	< LOD	0.06	< LOD	0.06	< LOD	4.12
432	9/11/2023 14:06	PAINT	1.31	mg / cm ^2	WALL	DRYWALL	A	INTACT	WHITE	FIRST	118				Negative	1	1	< LOD	0.03	< LOD	0.03	< LOD	2.12
433	9/11/2023 14:07	PAINT	2.02	mg / cm ^2	WALL	DRYWALL	B	INTACT	WHITE	FIRST	118				Negative	1	1	< LOD	0.03	< LOD	0.03	< LOD	1.76
434	9/11/2023 14:07	PAINT	1.31	mg / cm ^2	CABINET	WOOD	B	INTACT	VARNISH	FIRST	118				Negative	1	1	< LOD	0.03	< LOD	0.03	< LOD	2.23
435	9/11/2023 14:09	PAINT	0.36	mg / cm ^2	CEILING	WOOD	C	INTACT	WHITE	FIRST	119				Null	4.68	1	< LOD	2.1	< LOD	2.1	< LOD	19.05
436	9/11/2023 14:10	PAINT	1.31	mg / cm ^2	CEILING	WOOD	C	INTACT	WHITE	FIRST	119				Positive	7.66	1	6.3	4.1	1.7	1.1	6.3	4.1
437	9/11/2023 14:10	PAINT	1.31	mg / cm ^2	CROWN MOLDING	WOOD	C	INTACT	VARNISH	FIRST	119				Negative	1	1	< LOD	0.06	< LOD	0.06	< LOD	2.2
438	9/11/2023 14:11	PAINT	2.85	mg / cm ^2	SOFFIT	DRYWALL	C	DETERIORATED	WHITE	FIRST	119				Negative	1	1	< LOD	0.03	< LOD	0.03	< LOD	1.53
439	9/11/2023 14:12	PAINT	1.31	mg / cm ^2	DOOR CASING	WOOD	C	INTACT	BROWN	FIRST	119				Negative	1.6	1	< LOD	0.1	< LOD	0.1	< LOD	3.59
440	9/11/2023 14:12	PAINT	1.55	mg / cm ^2	WALL	DRYWALL	C	INTACT	WHITE	FIRST	119				Negative	1	1	< LOD	0.03	< LOD	0.03	< LOD	1.82
441	9/11/2023 14:14	PAINT	1.32	mg / cm ^2	DOOR	WOOD	D	INTACT	VARNISH	FIRST	119				Negative	1	1	< LOD	0.03	< LOD	0.03	< LOD	2.24
442	9/11/2023 14:32	PAINT	0.12	mg / cm ^2	DOOR	WOOD	D	INTACT	VARNISH	FIRST	jan 2				Null	1	1	< LOD	0.03	< LOD	0.03	< LOD	12.6
443	9/11/2023 14:32	PAINT	1.31	mg / cm ^2	DOOR	WOOD	D	INTACT	VARNISH	FIRST	jan 2				Negative	1	1	< LOD	0.03	< LOD	0.03	< LOD	2.33
444	9/11/2023 14:32	PAINT	1.31	mg / cm ^2	DOOR CASING	WOOD	D	INTACT	VARNISH	FIRST	jan 2				Negative	1	1	< LOD	0.05	< LOD	0.05	< LOD	1.84

Reading No	Date/Time	Type	Duration	Units	COMPONENT	SUBSTRATE	SIDE	CONDITION	COLOR	FLOOR	AREA/ROOM	Res	EScale1	EscleCT	Results	Depth Index	Action Level	PbC	PbC Error	PbL	PbL Error	PbK	PbK Error
445	9/11/2023 14:33	PAINT	0.48	mg / cm ^2	CHAIR RAIL	WOOD	A	INTACT	GREY	FIRST	jan 2				Null	1	1	< LOD	0.09	< LOD	0.09	< LOD	4.8
446	9/11/2023 14:33	PAINT	1.31	mg / cm ^2	CHAIR RAIL	WOOD	A	INTACT	GREY	FIRST	jan 2				Negative	1.79	1	< LOD	0.08	< LOD	0.08	< LOD	2.21
447	9/11/2023 14:36	PAINT	1.31	mg / cm ^2	RADIATOR	WOOD	B	DETERIORATED	VARNISH	FIRST	jan 2				Negative	1.47	1	< LOD	0.07	< LOD	0.07	< LOD	2.29
448	9/11/2023 14:37	PAINT	1.31	mg / cm ^2	SINK	METAL	C	DETERIORATED	WHITE	FIRST	jan 2				Positive	8.57	1	7.3	4.5	4.5	2.4	7.3	4.5
449	9/11/2023 14:38	PAINT	2.03	mg / cm ^2	CEILING	PLASTER	C	DETERIORATED	WHITE	FIRST	jan 2				Negative	2.31	1	0.26	0.16	0.26	0.16	< LOD	2.67
450	9/11/2023 14:38	PAINT	0.24	mg / cm ^2	WALL	PLASTER	A	DETERIORATED	GREY	FIRST	jan 2				Null	5.58	1	< LOD	3.45	< LOD	3.45	< LOD	15.27
451	9/11/2023 14:39	PAINT	5	mg / cm ^2	WALL	PLASTER	A	DETERIORATED	GREY	FIRST	jan 2				Null	5.39	1	1.2	0.3	1.2	0.3	1.6	0.9
452	9/11/2023 14:39	PAINT	4.28	mg / cm ^2	WALL	PLASTER	A	DETERIORATED	GREY	FIRST	jan 2				Positive	7.16	1	3.5	1.1	1.2	0.3	3.5	1.1
453	9/11/2023 14:41	PAINT	9.77	mg / cm ^2	WALL	PLASTER	B	DETERIORATED	GREY	FIRST	jan 2				Negative	2.82	1	< LOD	0.75	0.25	0.05	< LOD	0.75
454	9/11/2023 14:41	PAINT	0.12	mg / cm ^2	WALL	PLASTER	C	DETERIORATED	GREY	FIRST	jan 2				Null	8.87	1	< LOD	9.75	< LOD	9.75	< LOD	27.15
455	9/11/2023 14:41	PAINT	2.97	mg / cm ^2	WALL	PLASTER	C	DETERIORATED	GREY	FIRST	jan 2				Positive	5.31	1	3.3	2	1.2	0.5	3.3	2
456	9/11/2023 14:41	PAINT	0.12	mg / cm ^2	WALL	PLASTER	D	DETERIORATED	GREY	FIRST	jan 2				Null	2.57	1	< LOD	26.55	< LOD	1.53	< LOD	26.55
457	9/11/2023 14:42	PAINT	2.98	mg / cm ^2	WALL	PLASTER	D	DETERIORATED	GREY	FIRST	jan 2				Positive	5.35	1	3.1	2	1.1	0.5	3.1	2
458	9/11/2023 14:42	PAINT	1.43	mg / cm ^2	RADIATOR	WOOD	C	DETERIORATED	GREY	FIRST	jan 2				Negative	1	1	< LOD	0.03	< LOD	0.03	< LOD	2.13
459	9/11/2023 14:46	PAINT	2.98	mg / cm ^2	WALL	PLASTER	A	INTACT	YELLOW	FIRST	120				Positive	4.13	1	8	2.6	0.4	0.2	8	2.6
460	9/11/2023 14:47	PAINT	1.07	mg / cm ^2	WALL	PLASTER	B	INTACT	YELLOW	FIRST	120				Positive	6.9	1	9.4	5.3	< LOD	0.9	9.4	5.3
461	9/11/2023 14:47	PAINT	1.2	mg / cm ^2	WALL	PLASTER	C	INTACT	YELLOW	FIRST	120				Positive	10	1	9.2	5	< LOD	1.05	9.2	5
462	9/11/2023 14:47	PAINT	1.19	mg / cm ^2	WALL	PLASTER	D	INTACT	YELLOW	FIRST	120				Positive	10	1	8.8	4.8	< LOD	1.35	8.8	4.8
463	9/11/2023 14:48	PAINT	1.31	mg / cm ^2	CEILING	PLASTER	D	INTACT	YELLOW	FIRST	120				Positive	9.17	1	< LOD	5.85	< LOD	0.9	< LOD	5.85
464	9/11/2023 14:48	PAINT	2.99	mg / cm ^2	DOOR CASING	WOOD	A	INTACT	VARNISH	FIRST	120				Negative	1.21	1	< LOD	0.04	< LOD	0.04	< LOD	1.49
465	9/11/2023 14:50	PAINT	1.07	mg / cm ^2	DOOR CASING	WOOD	A	INTACT	YELLOW	FIRST	121-122				Positive	7.55	1	9.6	5.1	7.3	4	9.6	5.1
466	9/11/2023 14:51	PAINT	0.95	mg / cm ^2	BASEBOARD	WOOD	B	INTACT	YELLOW	FIRST	121-122				Positive	7.38	1	< LOD	10.65	< LOD	9	< LOD	10.65
467	9/11/2023 14:52	PAINT	1.19	mg / cm ^2	CEILING	PLASTER	B	INTACT	WHITE	FIRST	121-122				Positive	10	1	7.1	4	< LOD	2.4	7.1	4
468	9/11/2023 14:52	PAINT	1.07	mg / cm ^2	WALL	PLASTER	A	INTACT	WHITE	FIRST	121-122				Positive	9.16	1	9.8	5.6	< LOD	1.8	9.8	5.6
469	9/11/2023 14:53	PAINT	1.31	mg / cm ^2	WALL	PLASTER	C	INTACT	WHITE	FIRST	121-122				Positive	6.22	1	7	4.2	< LOD	0.9	7	4.2
470	9/11/2023 14:54	PAINT	0.83	mg / cm ^2	WALL	PLASTER	D	INTACT	WHITE	FIRST	121-122				Positive	9.5	1	< LOD	13.2	< LOD	2.4	< LOD	13.2
471	9/11/2023 14:54	PAINT	1.19	mg / cm ^2	FLOOR	WOOD	D	INTACT	VARNISH	FIRST	121-122				Negative	1	1	< LOD	0.03	< LOD	0.03	< LOD	2.37
472	9/11/2023 14:55	PAINT	0.83	mg / cm ^2	COLUMN	WOOD	B	INTACT	WHITE	FIRST	121-122				Positive	10	1	< LOD	15.15	< LOD	11.1	< LOD	15.15
473	9/11/2023 14:58	PAINT	0.83	mg / cm ^2	COLUMN	WOOD	D	INTACT	WHITE	FIRST	123				Positive	10	1	< LOD	12.3	< LOD	9.45	< LOD	12.3
474	9/11/2023 14:59	PAINT	0.95	mg / cm ^2	WAINSCOT	WOOD	D	INTACT	WHITE	FIRST	123				Positive	10	1	< LOD	11.85	< LOD	6.3	< LOD	11.85
475	9/11/2023 14:59	PAINT	1.31	mg / cm ^2	FLOOR	WOOD	D	INTACT	VARNISH	FIRST	123				Negative	1	1	< LOD	0.03	< LOD	0.03	< LOD	2.2
476	9/11/2023 15:00	PAINT	1.67	mg / cm ^2	CROWN MOLDING	WOOD	B	INTACT	WHITE	FIRST	123				Positive	8.56	1	4.1	2.6	< LOD	0.65	4.1	2.6
477	9/11/2023 15:01	PAINT	0.95	mg / cm ^2	DOOR CASING	WOOD	B	INTACT	WHITE	FIRST	123				Positive	10	1	< LOD	11.85	< LOD	6.15	< LOD	11.85
478	9/11/2023 15:01	PAINT	0.95	mg / cm ^2	WALL	PLASTER	A	INTACT	WHITE	FIRST	123				Positive	10	1	< LOD	13.2	< LOD	1.42	< LOD	13.2
479	9/11/2023 15:02	PAINT	0.96	mg / cm ^2	WALL	PLASTER	B	INTACT	GREEN	FIRST	123				Null	10	1	< LOD	0.95	< LOD	0.95	< LOD	8.7
480	9/11/2023 15:02	PAINT	1.31	mg / cm ^2	WALL	PLASTER	B	INTACT	GREEN	FIRST	123				Positive	6.28	1	6.4	4.1	< LOD	0.43	6.4	4.1
481	9/11/2023 15:03	PAINT	2.52	mg / cm ^2	WALL	PLASTER	C	INTACT	WHITE	FIRST	123				Negative	1	1	< LOD	0.03	< LOD	0.03	< LOD	2.07
482	9/11/2023 15:03	PAINT	1.2	mg / cm ^2	WALL	PLASTER	D	INTACT	WHITE	FIRST	123				Positive	10	1	7.8	4.5	< LOD	1.2	7.8	4.5
483	9/11/2023 15:04	PAINT	2.14	mg / cm ^2	RADIATOR	METAL	C	INTACT	YELLOW	FIRST	123				Negative	5.03	1	0.5	0.3	0.5	0.3	< LOD	3.15
484	9/11/2023 15:06	PAINT	1.68	mg / cm ^2	CEILING	PLASTER	C	INTACT	BLUE	FIRST	123a				Negative	1	1	< LOD	0.03	< LOD	0.03	< LOD	2.39
485	9/11/2023 15:07	PAINT	2.51	mg / cm ^2	WALL	PLASTER	A	DETERIORATED	BLUE	FIRST	123a				Negative	1	1	< LOD	0.03	< LOD	0.03	< LOD	1.75
486	9/11/2023 15:07	PAINT	3.22	mg / cm ^2	WALL	PLASTER	B	DETERIORATED	BLUE	FIRST	123a				Negative	1	1	< LOD	0.03	< LOD	0.03	< LOD	1.2
487	9/11/2023 15:08	PAINT	1.79	mg / cm ^2	WALL	PLASTER	C	DETERIORATED	BLUE	FIRST	123a				Negative	1	1	< LOD	0.03	< LOD	0.03	< LOD	2.51
488	9/11/2023 15:08	PAINT	4.17	mg / cm ^2	WALL	PLASTER	D	DETERIORATED	BLUE	FIRST	123a				Negative	1	1	< LOD	0.03	< LOD	0.03	< LOD	1.05
489	9/11/2023 15:09	PAINT	1.44	mg / cm ^2	FLOOR	METAL	D	DETERIORATED	GREY	FIRST	123a				Null	1	1	< LOD	0.03	< LOD	0.03	< LOD	3.57
490	9/11/2023 15:09	PAINT	2.63	mg / cm ^2	FLOOR	METAL	D	DETERIORATED	GREY	FIRST	123a				Negative	1	1	< LOD	0.03	< LOD	0.03	< LOD	2.69
491	9/11/2023 15:12	PAINT	1.32	mg / cm ^2	DOOR	WOOD	D	INTACT	VARNISH	FIRST	124				Negative	1	1	< LOD	0.03	< LOD	0.03	< LOD	2.25
492	9/11/2023 15:12	PAINT	2.26	mg / cm ^2	DOOR CASING	WOOD	D	INTACT	VARNISH	FIRST	124				Negative	1	1	< LOD	0.03	< LOD	0.03	< LOD	1.75
493	9/11/2023 15:13	PAINT	1.55	mg / cm ^2	WALL	PLASTER	D	INTACT	GREEN	FIRST	124				Positive	9.78	1	5.2	3.3	< LOD	0.9	5.2	3.3

Reading No	Date/Time	Type	Duration	Units	COMPONENT	SUBSTRATE	SIDE	CONDITION	COLOR	FLOOR	AREA/ROOM	Res	EScale1	EscleCT	Results	Depth Index	Action Level	PbC	PbC Error	PbL	PbL Error	PbK	PbK Error
494	9/11/2023 15:14	PAINT	2.5	mg / cm ^2	WALL	PLASTER	A	INTACT	GREEN	FIRST	124				Positive	7.79	1	3.4	2.2	< LOD	0.6	3.4	2.2
495	9/11/2023 15:14	PAINT	1.31	mg / cm ^2	WALL	PLASTER	B	INTACT	GREEN	FIRST	124				Positive	10	1	9	4.7	< LOD	1.35	9	4.7
496	9/11/2023 15:15	PAINT	2.85	mg / cm ^2	WALL	PLASTER	C	INTACT	GREEN	FIRST	124				Negative	3.56	1	< LOD	0.17	< LOD	0.17	< LOD	2.03
497	9/11/2023 15:16	PAINT	1.31	mg / cm ^2	WINDOW CASING	WOOD	D	INTACT	VARNISH	FIRST	124				Negative	1	1	< LOD	0.06	< LOD	0.06	< LOD	2.01
498	9/11/2023 15:21	PAINT	2.87	mg / cm ^2	CEILING	CONCRETE	A	DETERIORATED	BEIGE	BASEMENT	1				Negative	1.24	1	< LOD	0.05	< LOD	0.05	< LOD	2.47
499	9/11/2023 15:21	PAINT	1.44	mg / cm ^2	FLOOR	CONCRETE	A	DETERIORATED	GREY	BASEMENT	1				Negative	1.53	1	< LOD	0.1	< LOD	0.1	< LOD	3.63
500	9/11/2023 15:22	PAINT	0.48	mg / cm ^2	HAND RAIL	METAL	A	DETERIORATED	BLACK	BASEMENT	1				Positive	1.36	1	4.9	2.1	4.9	2.1	< LOD	16.5
501	9/11/2023 15:23	PAINT	1.31	mg / cm ^2	DOOR	METAL	D	DETERIORATED	GREY	BASEMENT	1				Negative	1	1	< LOD	0.03	< LOD	0.03	< LOD	3.43
502	9/11/2023 15:24	PAINT	1.32	mg / cm ^2	DOOR CASING	METAL	D	DETERIORATED	GREY	BASEMENT	1				Negative	1.97	1	< LOD	0.04	< LOD	0.04	< LOD	3.77
503	9/11/2023 15:25	PAINT	2.52	mg / cm ^2	WALL	BRICK	D	DETERIORATED	GREY	BASEMENT	1				Negative	1	1	< LOD	0.03	< LOD	0.03	< LOD	2.51
504	9/11/2023 15:25	PAINT	2.86	mg / cm ^2	WALL	BRICK	A	DETERIORATED	GREY	BASEMENT	1				Negative	1.3	1	< LOD	0.03	< LOD	0.03	< LOD	2.61
505	9/11/2023 15:26	PAINT	2.74	mg / cm ^2	WALL	BRICK	B	DETERIORATED	YELLOW	BASEMENT	1				Null	1.12	1	< LOD	0.03	< LOD	0.03	< LOD	2.6
506	9/11/2023 15:26	PAINT	2.63	mg / cm ^2	WALL	BRICK	B	DETERIORATED	YELLOW	BASEMENT	1				Negative	1	1	< LOD	0.03	< LOD	0.03	< LOD	2.68
507	9/11/2023 15:27	PAINT	2.52	mg / cm ^2	WALL	BRICK	C	DETERIORATED	YELLOW	BASEMENT	1				Negative	1	1	< LOD	0.03	< LOD	0.03	< LOD	2.73
508	9/11/2023 15:28	PAINT	0.72	mg / cm ^2	DOOR	WOOD	D	DETERIORATED	GREY	BASEMENT	1				Positive	2.31	1	< LOD	18	< LOD	15.45	< LOD	18
509	9/11/2023 15:29	PAINT	1.31	mg / cm ^2	BOILER	METAL	D	INTACT	BLUE	BASEMENT	1				Negative	1	1	< LOD	0.03	< LOD	0.03	< LOD	2.89
510	9/11/2023 15:30	PAINT	2.14	mg / cm ^2	INCINERATOR	METAL	B	INTACT	SILVER	BASEMENT	1				Negative	1	1	< LOD	0.03	< LOD	0.03	< LOD	3.12
511	9/11/2023 15:32	PAINT	2.38	mg / cm ^2	WALL	BRICK	B	DETERIORATED	WHITE	BASEMENT	6				Negative	3.26	1	< LOD	0.07	< LOD	0.07	< LOD	2.58
512	9/11/2023 15:33	PAINT	0.6	mg / cm ^2	DOOR	METAL	B	DETERIORATED	GREY	BASEMENT	6				Positive	1.96	1	< LOD	26.4	< LOD	12.15	< LOD	26.4
513	9/11/2023 15:34	PAINT	2.26	mg / cm ^2	WALL	BRICK	D	DETERIORATED	WHITE	BASEMENT	2				Negative	1	1	< LOD	0.03	< LOD	0.03	< LOD	2.8
514	9/11/2023 15:35	PAINT	1.32	mg / cm ^2	COLUMN	METAL	D	DETERIORATED	RED	BASEMENT	2				Negative	1	1	< LOD	0.03	< LOD	0.03	< LOD	4.17
515	9/11/2023 15:36	PAINT	1.55	mg / cm ^2	DOOR CASING	WOOD	B	DETERIORATED	GREY	BASEMENT	2				Negative	1.46	1	0.7	0.2	0.7	0.2	< LOD	2.4
516	9/11/2023 15:36	PAINT	0.72	mg / cm ^2	DOOR	WOOD	B	DETERIORATED	GREY	BASEMENT	2				Positive	2.23	1	19.8	12.8	< LOD	12.6	19.8	12.8
517	9/11/2023 15:40	PAINT	0.72	mg / cm ^2	DOOR	WOOD	B	DETERIORATED	BLACK	BASEMENT	4				Positive	1.9	1	20	12.9	< LOD	12	20	12.9
518	9/11/2023 15:40	PAINT	0.72	mg / cm ^2	DOOR CASING	WOOD	B	DETERIORATED	BLACK	BASEMENT	4				Positive	2.09	1	22	13.8	< LOD	18.75	22	13.8
519	9/11/2023 15:41	PAINT	3.34	mg / cm ^2	CEILING	CONCRETE	B	DETERIORATED	BLACK	BASEMENT	4				Negative	1	1	0.04	0.02	0.04	0.02	< LOD	1.56
520	9/11/2023 15:41	PAINT	2.02	mg / cm ^2	WALL	BRICK	A	INTACT	TAN	BASEMENT	4				Negative	1	1	< LOD	0.03	< LOD	0.03	< LOD	2.95
521	9/11/2023 15:42	PAINT	3.33	mg / cm ^2	WALL	BRICK	B	INTACT	TAN	BASEMENT	4				Negative	1.14	1	< LOD	0.03	< LOD	0.03	< LOD	1.62
522	9/11/2023 15:42	PAINT	1.67	mg / cm ^2	WALL	BRICK	C	INTACT	TAN	BASEMENT	4				Negative	1	1	< LOD	0.03	< LOD	0.03	< LOD	3.26
523	9/11/2023 15:43	PAINT	2.75	mg / cm ^2	WALL	BRICK	D	INTACT	TAN	BASEMENT	4				Negative	1	1	< LOD	0.03	< LOD	0.03	< LOD	2.45
524	9/11/2023 15:44	PAINT	2.87	mg / cm ^2	WALL	BRICK	D	INTACT	TAN	BASEMENT	3				Negative	1	1	< LOD	0.03	< LOD	0.03	< LOD	2.28
525	9/11/2023 15:45	PAINT	1.56	mg / cm ^2	WALL	BRICK	A	INTACT	TAN	BASEMENT	3				Negative	1	1	< LOD	0.03	< LOD	0.03	< LOD	3.64
526	9/11/2023 15:45	PAINT	2.74	mg / cm ^2	WALL	BRICK	B	INTACT	TAN	BASEMENT	3				Negative	1	1	< LOD	0.03	< LOD	0.03	< LOD	2.64
527	9/11/2023 15:46	PAINT	1.79	mg / cm ^2	WALL	BRICK	C	DETERIORATED	TAN	BASEMENT	3				Negative	1	1	< LOD	0.03	< LOD	0.03	< LOD	3.35
528	9/11/2023 15:46	PAINT	0.6	mg / cm ^2	CABINET	WOOD	C	DETERIORATED	GREY	BASEMENT	3				Positive	2.01	1	< LOD	21.6	10.1	6.5	< LOD	21.6
529	9/11/2023 15:47	PAINT	2.26	mg / cm ^2	BASEBOARD	METAL	D	DETERIORATED	GREY	BASEMENT	3				Negative	1.04	1	< LOD	0.06	< LOD	0.06	< LOD	2.97
530	9/11/2023 15:48	PAINT	0.72	mg / cm ^2	DOOR CASING	WOOD	D	DETERIORATED	BLACK	BASEMENT	3				Positive	1.86	1	18	11.8	< LOD	10.2	18	11.8
531	9/11/2023 15:49	PAINT	2.14	mg / cm ^2	ELECTRICAL PANEL	METAL	A	INTACT	GREY	BASEMENT	3				Negative	1	1	< LOD	0.03	< LOD	0.03	< LOD	3.15
532	9/11/2023 15:51	PAINT	1.31	mg / cm ^2	CEILING	CONCRETE	A	INTACT	TAN	BASEMENT	3				Negative	3.31	1	< LOD	0.16	< LOD	0.16	< LOD	3.55
533	9/11/2023 15:54	PAINT	1.55	mg / cm ^2	VACUUM CLEANER	METAL	B	DETERIORATED	GREY	BASEMENT	3				Positive	1.94	1	1.5	0.5	1.5	0.5	< LOD	4.2
534	9/11/2023 15:56	PAINT	1.31	mg / cm ^2	PIPE	METAL	D	INTACT	BLACK	BASEMENT	crawl space				Negative	1	1	< LOD	0.08	< LOD	0.08	< LOD	4.17
535	9/11/2023 15:56	PAINT	0.72	mg / cm ^2	DOOR CASING	METAL	D	DETERIORATED	GREY	BASEMENT	crawl space				Positive	2.64	1	< LOD	17.1	9	4.7	< LOD	17.1
536	9/11/2023 15:57	PAINT	0.83	mg / cm ^2	DOOR	METAL	D	DETERIORATED	GREY	BASEMENT	crawl space				Positive	2.38	1	< LOD	15.3	8.1	3.6	< LOD	15.3
537	9/13/2023 8:58	SHUTTER_CAL	160.1	cps								382.03	4.5	2.68				1.69	0	0.34	0	0.01	0
538	9/13/2023 9:05	PAINT	4.87	mg / cm ^2	1	1	1	1	1	1	VERIFICATION				Negative	1.14	1	0.9	0.1	0.9	0.1	< LOD	1.05
539	9/13/2023 9:06	PAINT	4.74	mg / cm ^2	1	1	1	1	1	1	VERIFICATION				Negative	1.13	1	0.9	0.1	0.9	0.1	< LOD	1.05
540	9/13/2023 9:06	PAINT	4.99	mg / cm ^2	1	1	1	1	1	1	VERIFICATION				Negative	1.12	1	0.9	0.1	0.9	0.1	< LOD	1.05
541	9/13/2023 9:19	PAINT	0.47	mg / cm ^2	DOOR	METAL	B	DETERIORATED	BEIGE	1	STAIR 1				Positive	2.19	1	5.9	3.2	5.9	3.2	< LOD	14.25
542	9/13/2023 9:19	PAINT	0.48	mg / cm ^2	DOOR CASING	METAL	B	DETERIORATED	BEIGE	1	STAIR 1				Positive	2.09	1	4.6	2.8	4.6	2.8	< LOD	16.05

Reading No	Date/Time	Type	Duration	Units	COMPONENT	SUBSTRATE	SIDE	CONDITION	COLOR	FLOOR	AREA/ROOM	Res	EScale1	EscleCT	Results	Depth Index	Action Level	PbC	PbC Error	PbL	PbL Error	PbK	PbK Error
543	9/13/2023 9:20	PAINT	1.31	mg / cm ^2	HAND RAIL	METAL	B	DETERIORATED	BLACK	1	STAIR 1				Negative	1.09	1	0.16	0.1	0.16	0.1	< LOD	4.21
544	9/13/2023 9:21	PAINT	3.81	mg / cm ^2	RISER	CONCRETE	B	DETERIORATED	GREY	1	STAIR 1				Negative	1.16	1	0.04	0.02	0.04	0.02	< LOD	1.54
545	9/13/2023 9:22	PAINT	2.03	mg / cm ^2	STRINGER	METAL	B	DETERIORATED	BLACK	1	STAIR 1				Negative	1	1	0.27	0.1	0.27	0.1	< LOD	3.38
546	9/13/2023 9:22	PAINT	0.95	mg / cm ^2	STRINGER	METAL	C	DETERIORATED	GREEN	1	STAIR 1				Positive	1.73	1	2.9	1.1	2.9	1.1	< LOD	9.3
547	9/13/2023 9:27	PAINT	1.3	mg / cm ^2	RISER	METAL	B	DETERIORATED	GREEN	1	STAIR 1				Negative	1.35	1	0.6	0.2	0.6	0.2	< LOD	4.65
548	9/13/2023 9:27	PAINT	2.02	mg / cm ^2	STRINGER	METAL	B	DETERIORATED	GREEN	1	STAIR 1				Negative	1.22	1	0.13	0.08	0.13	0.08	< LOD	3.29
549	9/13/2023 9:28	PAINT	1.54	mg / cm ^2	NEWEL POST	METAL	B	DETERIORATED	GREEN	1	STAIR 1				Negative	1.19	1	0.6	0.2	0.6	0.2	< LOD	4.2
550	9/13/2023 9:29	PAINT	1.31	mg / cm ^2	HAND RAIL	WOOD	B	INTACT	VARNISH	1	STAIR 1				Negative	1.62	1	< LOD	0.08	< LOD	0.08	< LOD	2.45
551	9/13/2023 9:31	PAINT	1.3	mg / cm ^2	HAND RAIL	WOOD	A	INTACT	VARNISH	1	STAIR 2				Negative	1	1	< LOD	0.03	< LOD	0.03	< LOD	2.69
552	9/13/2023 9:32	PAINT	1.31	mg / cm ^2	WINDOW CASING	WOOD	C	INTACT	VARNISH	1	STAIR 2				Negative	1.62	1	< LOD	0.08	< LOD	0.08	< LOD	2.74
553	9/13/2023 9:33	PAINT	2.49	mg / cm ^2	NEWEL POST	METAL	D	DETERIORATED	GREEN	1	STAIR 2				Negative	1.4	1	0.7	0.2	0.7	0.2	< LOD	3.17
554	9/13/2023 9:33	PAINT	2.49	mg / cm ^2	RISER	METAL	D	DETERIORATED	GREEN	1	STAIR 2				Negative	1.25	1	0.3	0.11	0.3	0.11	< LOD	3
555	9/13/2023 9:34	PAINT	1.31	mg / cm ^2	STRINGER	METAL	B	DETERIORATED	GREEN	1	STAIR 2				Negative	1.17	1	0.4	0.2	0.4	0.2	< LOD	4.8
556	9/13/2023 9:37	PAINT	1.9	mg / cm ^2	RADIATOR	METAL	B	DETERIORATED	SILVER	SECOND	200				Negative	1.82	1	< LOD	0.15	< LOD	0.15	< LOD	3.52
557	9/13/2023 9:38	PAINT	1.3	mg / cm ^2	UNIVENT	METAL	D	DETERIORATED	TAN	SECOND	200				Negative	1	1	< LOD	0.03	< LOD	0.03	< LOD	3.66
558	9/13/2023 9:39	PAINT	3.32	mg / cm ^2	WALL	PLASTER	A	INTACT	BLUE	SECOND	200				Null	8.69	1	< LOD	0.23	< LOD	0.23	< LOD	1.37
559	9/13/2023 9:39	PAINT	1.78	mg / cm ^2	WALL	PLASTER	B	INTACT	BLUE	SECOND	200				Negative	1	1	< LOD	0.03	< LOD	0.03	< LOD	2.36
560	9/13/2023 9:40	PAINT	1.66	mg / cm ^2	WALL	PLASTER	C	INTACT	BLUE	SECOND	200				Positive	7.83	1	< LOD	4.8	< LOD	0.9	< LOD	4.8
561	9/13/2023 9:40	PAINT	1.66	mg / cm ^2	WALL	PLASTER	C	INTACT	BEIGE	SECOND	200				Positive	6.1	1	< LOD	4.8	< LOD	0.75	< LOD	4.8
562	9/13/2023 9:41	PAINT	3.21	mg / cm ^2	WALL	PLASTER	D	INTACT	BEIGE	SECOND	200				Positive	5.27	1	3.8	1.4	0.6	0.2	3.8	1.4
563	9/13/2023 9:42	PAINT	1.31	mg / cm ^2	FLOOR	WOOD	D	INTACT	VARNISH	SECOND	200				Negative	1	1	< LOD	0.03	< LOD	0.03	< LOD	2.19
564	9/13/2023 9:42	PAINT	1.42	mg / cm ^2	DOOR CASING	WOOD	D	INTACT	VARNISH	SECOND	200				Negative	1.91	1	< LOD	0.08	< LOD	0.08	< LOD	2.06
565	9/13/2023 9:43	PAINT	1.31	mg / cm ^2	CBF	WOOD	C	INTACT	VARNISH	SECOND	200				Negative	1	1	< LOD	0.04	< LOD	0.04	< LOD	2.27
566	9/13/2023 9:44	PAINT	1.31	mg / cm ^2	WINDOW CASING	WOOD	B	INTACT	VARNISH	SECOND	200				Negative	1.35	1	< LOD	0.09	< LOD	0.09	< LOD	2.58
567	9/13/2023 9:44	PAINT	1.19	mg / cm ^2	BASEBOARD	WOOD	B	INTACT	VARNISH	SECOND	200				Negative	1.26	1	< LOD	0.05	< LOD	0.05	< LOD	2.37
568	9/13/2023 9:45	PAINT	1.31	mg / cm ^2	DOOR	WOOD	D	INTACT	VARNISH	SECOND	200				Negative	1	1	< LOD	0.03	< LOD	0.03	< LOD	2.38
569	9/13/2023 9:46	PAINT	1.31	mg / cm ^2	DOOR	WOOD	D	INTACT	VARNISH	SECOND	202				Negative	1	1	< LOD	0.03	< LOD	0.03	< LOD	2.64
570	9/13/2023 9:46	PAINT	1.31	mg / cm ^2	DOOR	WOOD	D	INTACT	VARNISH	SECOND	202				Negative	1.04	1	< LOD	0.05	< LOD	0.05	< LOD	2.21
571	9/13/2023 9:47	PAINT	1.31	mg / cm ^2	SHELF	WOOD	A	INTACT	VARNISH	SECOND	202				Negative	1	1	< LOD	0.04	< LOD	0.04	< LOD	2.37
572	9/13/2023 9:48	PAINT	2.96	mg / cm ^2	FLOOR	CONCRETE	A	DETERIORATED	GREY	SECOND	202				Negative	1	1	< LOD	0.03	< LOD	0.03	< LOD	2.51
573	9/13/2023 9:48	PAINT	0.72	mg / cm ^2	WALL	PLASTER	A	INTACT	TAN	SECOND	202				Positive	3.77	1	5.1	3	5.1	3	< LOD	12.9
574	9/13/2023 9:49	PAINT	0.83	mg / cm ^2	WALL	PLASTER	B	INTACT	TAN	SECOND	202				Positive	3.44	1	4.3	2.3	4.3	2.3	< LOD	11.55
575	9/13/2023 9:49	PAINT	1.07	mg / cm ^2	WALL	PLASTER	C	INTACT	TAN	SECOND	202				Positive	4.29	1	3.2	1.8	3.2	1.8	7.1	4.7
576	9/13/2023 9:55	PAINT	0.83	mg / cm ^2	CEILING	PLASTER	C	INTACT	TAN	SECOND	202				Positive	5.48	1	< LOD	13.65	< LOD	7.2	< LOD	13.65
577	9/13/2023 9:57	PAINT	2.73	mg / cm ^2	WALL	PLASTER	A	INTACT	TAN	SECOND	201				Positive	4.84	1	3.1	2	< LOD	0.31	3.1	2
578	9/13/2023 9:57	PAINT	1.54	mg / cm ^2	WALL	PLASTER	B	INTACT	TAN	SECOND	201				Negative	1	1	< LOD	0.03	< LOD	0.03	< LOD	2.73
579	9/13/2023 9:58	PAINT	1.9	mg / cm ^2	WALL	PLASTER	C	INTACT	TAN	SECOND	201				Negative	1	1	< LOD	0.03	< LOD	0.03	< LOD	2.41
580	9/13/2023 9:58	PAINT	2.73	mg / cm ^2	WALL	PLASTER	D	INTACT	TAN	SECOND	201				Positive	4.32	1	< LOD	3.15	0.4	0.2	< LOD	3.15
581	9/13/2023 9:59	PAINT	2.97	mg / cm ^2	CEILING	PLASTER	D	INTACT	TAN	SECOND	201				Positive	5.18	1	3.3	2.1	< LOD	0.45	3.3	2.1
582	9/13/2023 9:59	PAINT	1.54	mg / cm ^2	DOOR CASING	WOOD	D	INTACT	VARNISH	SECOND	201				Negative	1.66	1	< LOD	0.09	< LOD	0.09	< LOD	2.21
583	9/13/2023 9:59	PAINT	1.31	mg / cm ^2	DOOR	WOOD	D	INTACT	VARNISH	SECOND	201				Negative	1	1	< LOD	0.03	< LOD	0.03	< LOD	2.37
584	9/13/2023 10:00	PAINT	1.55	mg / cm ^2	WINDOW CASING	WOOD	B	INTACT	VARNISH	SECOND	201				Negative	1.29	1	< LOD	0.1	< LOD	0.1	< LOD	2.03
585	9/13/2023 10:02	PAINT	1.31	mg / cm ^2	DOOR CASING	WOOD	D	INTACT	VARNISH	SECOND	201				Negative	1	1	< LOD	0.04	< LOD	0.04	< LOD	2.33
586	9/13/2023 10:03	PAINT	1.31	mg / cm ^2	DOOR	WOOD	D	INTACT	VARNISH	SECOND	201				Negative	1	1	< LOD	0.03	< LOD	0.03	< LOD	2.41
587	9/13/2023 10:04	PAINT	1.31	mg / cm ^2	SHELF	WOOD	A	INTACT	VARNISH	SECOND	201				Negative	1.15	1	< LOD	0.07	< LOD	0.07	< LOD	2.36
588	9/13/2023 10:05	PAINT	1.31	mg / cm ^2	ANGLE IRON	METAL	A	INTACT	BLACK	SECOND	201				Negative	1	1	< LOD	0.05	< LOD	0.05	< LOD	4.37
589	9/13/2023 10:07	PAINT	1.42	mg / cm ^2	LADDER	METAL	B	DETERIORATED	BLACK	SECOND	201				Positive	1.24	1	1.4	0.3	1.4	0.3	< LOD	4.8
590	9/13/2023 10:08	PAINT	1.43	mg / cm ^2	SINK	METAL	C	DETERIORATED	BEIGE	SECOND	201				Negative	1.65	1	0.4	0.2	0.4	0.2	< LOD	4.2
591	9/13/2023 10:09	PAINT	0.72	mg / cm ^2	WALL	PLASTER	A	INTACT	BEIGE	SECOND	201				Positive	3.73	1	4.3	2.6	4.3	2.6	< LOD	14.4

Reading No	Date/Time	Type	Duration	Units	COMPONENT	SUBSTRATE	SIDE	CONDITION	COLOR	FLOOR	AREA/ROOM	Res	EScale1	EscleCT	Results	Depth Index	Action Level	PbC	PbC Error	PbL	PbL Error	PbK	PbK Error
592	9/13/2023 10:10	PAINT	1.07	mg / cm ^2	WALL	PLASTER	B	INTACT	BEIGE	SECOND	201				Positive	4.61	1	3.2	1.4	3.2	1.4	< LOD	6.9
593	9/13/2023 10:10	PAINT	0.6	mg / cm ^2	WALL	PLASTER	C	DETERIORATED	BEIGE	SECOND	201				Positive	4.8	1	< LOD	7.2	< LOD	7.2	< LOD	16.2
594	9/13/2023 10:10	PAINT	0.12	mg / cm ^2	WALL	PLASTER	D	DETERIORATED	BEIGE	SECOND	201				Null	3.25	1	< LOD	8.1	< LOD	8.1	< LOD	48.9
595	9/13/2023 10:11	PAINT	1.3	mg / cm ^2	WALL	PLASTER	D	DETERIORATED	BEIGE	SECOND	201				Positive	3.55	1	2	0.8	2	0.8	7	4.3
596	9/13/2023 10:11	PAINT	1.3	mg / cm ^2	CEILING	PLASTER	D	DETERIORATED	BEIGE	SECOND	201				Positive	4.43	1	2.7	1.1	2.7	1.1	< LOD	6
597	9/13/2023 10:38	PAINT	2.39	mg / cm ^2	WALL	PLASTER	A	DETERIORATED	GREY	SECOND	204				Positive	5.63	1	4.4	2.5	< LOD	0.36	4.4	2.5
598	9/13/2023 10:39	PAINT	3.32	mg / cm ^2	WALL	PLASTER	B	DETERIORATED	GREY	SECOND	204				Negative	1	1	< LOD	0.03	< LOD	0.03	< LOD	1.31
599	9/13/2023 10:39	PAINT	2.02	mg / cm ^2	WALL	PLASTER	C	DETERIORATED	GREY	SECOND	204				Positive	5.75	1	4.2	2.7	< LOD	0.45	4.2	2.7
600	9/13/2023 10:40	PAINT	2.14	mg / cm ^2	WALL	PLASTER	D	DETERIORATED	GREY	SECOND	204				Null	6.33	1	< LOD	3.9	< LOD	0.6	< LOD	3.9
601	9/13/2023 10:41	PAINT	2.26	mg / cm ^2	FLOOR	DRYWALL	D	INTACT	VARNISH	SECOND	204				Negative	1	1	< LOD	0.03	< LOD	0.03	< LOD	1.76
602	9/13/2023 10:42	PAINT	1.3	mg / cm ^2	DOOR CASING	WOOD	D	INTACT	VARNISH	SECOND	204				Negative	1.47	1	< LOD	0.08	< LOD	0.08	< LOD	2.27
603	9/13/2023 10:42	PAINT	1.31	mg / cm ^2	DOOR	WOOD	D	INTACT	VARNISH	SECOND	204				Negative	1	1	< LOD	0.03	< LOD	0.03	< LOD	2.32
604	9/13/2023 10:43	PAINT	1.31	mg / cm ^2	CBF	WOOD	C	INTACT	VARNISH	SECOND	204				Negative	1	1	< LOD	0.04	< LOD	0.04	< LOD	2.14
605	9/13/2023 10:44	PAINT	1.31	mg / cm ^2	WINDOW CASING	WOOD	B	DETERIORATED	VARNISH	SECOND	204				Negative	1	1	< LOD	0.05	< LOD	0.05	< LOD	2.22
606	9/13/2023 10:44	PAINT	1.31	mg / cm ^2	BASEBOARD	WOOD	B	DETERIORATED	VARNISH	SECOND	204				Negative	1.61	1	< LOD	0.07	< LOD	0.07	< LOD	2.09
607	9/13/2023 10:45	PAINT	1.31	mg / cm ^2	RADIATOR	METAL	B	DETERIORATED	SILVER	SECOND	204				Negative	1.95	1	< LOD	0.18	< LOD	0.18	< LOD	3.93
608	9/13/2023 10:46	PAINT	1.31	mg / cm ^2	UNIVENT	METAL	D	DETERIORATED	BEIGE	SECOND	204				Negative	1	1	< LOD	0.03	< LOD	0.03	< LOD	3.9
609	9/13/2023 10:48	PAINT	1.42	mg / cm ^2	UNIVENT	METAL	D	DETERIORATED	BEIGE	SECOND	205				Negative	1	1	< LOD	0.03	< LOD	0.03	< LOD	3.44
610	9/13/2023 10:48	PAINT	1.31	mg / cm ^2	RADIATOR	METAL	B	DETERIORATED	SILVER	SECOND	205				Negative	1.65	1	< LOD	0.17	< LOD	0.17	< LOD	4.18
611	9/13/2023 10:49	PAINT	1.31	mg / cm ^2	WINDOW CASING	WOOD	B	INTACT	VARNISH	SECOND	205				Negative	4.68	1	< LOD	0.26	< LOD	0.26	< LOD	2.25
612	9/13/2023 10:50	PAINT	1.31	mg / cm ^2	CBF	WOOD	A	INTACT	VARNISH	SECOND	205				Negative	1	1	< LOD	0.05	< LOD	0.05	< LOD	2.61
613	9/13/2023 10:50	PAINT	1.31	mg / cm ^2	FLOOR	WOOD	A	INTACT	VARNISH	SECOND	205				Negative	1	1	< LOD	0.04	< LOD	0.04	< LOD	2.35
614	9/13/2023 10:51	PAINT	1.31	mg / cm ^2	BASEBOARD	WOOD	D	INTACT	VARNISH	SECOND	205				Negative	1.37	1	< LOD	0.05	< LOD	0.05	< LOD	2.25
615	9/13/2023 10:51	PAINT	1.31	mg / cm ^2	DOOR	WOOD	D	INTACT	VARNISH	SECOND	205				Negative	1	1	< LOD	0.04	< LOD	0.04	< LOD	1.82
616	9/13/2023 10:52	PAINT	1.43	mg / cm ^2	DOOR CASING	WOOD	D	INTACT	VARNISH	SECOND	205				Negative	1.54	1	< LOD	0.07	< LOD	0.07	< LOD	2.7
617	9/13/2023 10:52	PAINT	2.37	mg / cm ^2	WALL	PLASTER	A	INTACT	BLUE	SECOND	205				Negative	3.72	1	< LOD	0.25	< LOD	0.25	< LOD	2.26
618	9/13/2023 10:53	PAINT	2.14	mg / cm ^2	WALL	PLASTER	B	INTACT	GREEN	SECOND	205				Negative	2.59	1	< LOD	0.18	< LOD	0.18	< LOD	2.39
619	9/13/2023 10:54	PAINT	1.43	mg / cm ^2	WALL	PLASTER	C	INTACT	BLUE	SECOND	205				Positive	4.38	1	5.9	3.5	< LOD	0.31	5.9	3.5
620	9/13/2023 10:54	PAINT	1.19	mg / cm ^2	WALL	PLASTER	D	DETERIORATED	GREEN	SECOND	205				Positive	5.3	1	7.6	4.5	< LOD	0.6	7.6	4.5
621	9/13/2023 10:56	PAINT	1.31	mg / cm ^2	WALL	PLASTER	A	INTACT	TAN	SECOND	206				Positive	6.56	1	7.8	4.3	< LOD	0.55	7.8	4.3
622	9/13/2023 10:56	PAINT	3.09	mg / cm ^2	WALL	PLASTER	B	INTACT	TAN	SECOND	206				Negative	1	1	< LOD	0.03	< LOD	0.03	< LOD	1.09
623	9/13/2023 10:57	PAINT	1.3	mg / cm ^2	WALL	PLASTER	C	INTACT	TAN	SECOND	206				Positive	10	1	< LOD	6	< LOD	1.2	< LOD	6
624	9/13/2023 10:57	PAINT	1.54	mg / cm ^2	WALL	PLASTER	D	INTACT	TAN	SECOND	206				Positive	10	1	< LOD	4.65	< LOD	1.05	< LOD	4.65
625	9/13/2023 10:58	PAINT	1.31	mg / cm ^2	BASEBOARD	WOOD	D	INTACT	VARNISH	SECOND	206				Negative	1	1	< LOD	0.06	< LOD	0.06	< LOD	2.25
626	9/13/2023 10:58	PAINT	1.43	mg / cm ^2	WINDOW CASING	WOOD	A	INTACT	VARNISH	SECOND	206				Negative	1.2	1	< LOD	0.07	< LOD	0.07	< LOD	1.97
627	9/13/2023 10:59	PAINT	1.31	mg / cm ^2	DOOR CASING	WOOD	B	INTACT	VARNISH	SECOND	206				Negative	1.27	1	< LOD	0.06	< LOD	0.06	< LOD	2.33
628	9/13/2023 10:59	PAINT	1.31	mg / cm ^2	DOOR	WOOD	B	INTACT	VARNISH	SECOND	206				Negative	1	1	< LOD	0.03	< LOD	0.03	< LOD	2.23
629	9/13/2023 11:00	PAINT	1.19	mg / cm ^2	CBF	WOOD	B	INTACT	VARNISH	SECOND	206				Negative	1	1	< LOD	0.05	< LOD	0.05	< LOD	2.6
630	9/13/2023 11:00	PAINT	2.15	mg / cm ^2	RADIATOR	METAL	A	DETERIORATED	SILVER	SECOND	206				Negative	1.73	1	0.3	0.15	0.3	0.15	< LOD	3.22
631	9/13/2023 11:02	PAINT	3.33	mg / cm ^2	RADIATOR	METAL	A	DETERIORATED	SILVER	SECOND	207				Negative	1.6	1	0.1	0.04	0.1	0.04	< LOD	1.59
632	9/13/2023 11:03	PAINT	1.43	mg / cm ^2	UNIVENT	METAL	C	DETERIORATED	BEIGE	SECOND	207				Negative	1	1	< LOD	0.03	< LOD	0.03	< LOD	3.6
633	9/13/2023 11:04	PAINT	1.31	mg / cm ^2	FLOOR	WOOD	C	INTACT	VARNISH	SECOND	207				Negative	1	1	< LOD	0.03	< LOD	0.03	< LOD	2.1
634	9/13/2023 11:04	PAINT	1.31	mg / cm ^2	DOOR	WOOD	C	INTACT	VARNISH	SECOND	207				Negative	1	1	< LOD	0.03	< LOD	0.03	< LOD	2.23
635	9/13/2023 11:05	PAINT	1.31	mg / cm ^2	DOOR CASING	WOOD	C	INTACT	VARNISH	SECOND	207				Negative	1.26	1	< LOD	0.08	< LOD	0.08	< LOD	2.09
636	9/13/2023 11:05	PAINT	1.3	mg / cm ^2	BASEBOARD	WOOD	C	INTACT	VARNISH	SECOND	207				Negative	1.27	1	< LOD	0.04	< LOD	0.04	< LOD	2.45
637	9/13/2023 11:06	PAINT	1.31	mg / cm ^2	CBF	WOOD	B	INTACT	VARNISH	SECOND	207				Negative	1	1	< LOD	0.04	< LOD	0.04	< LOD	2.04
638	9/13/2023 11:06	PAINT	1.31	mg / cm ^2	WINDOW CASING	WOOD	A	INTACT	VARNISH	SECOND	207				Negative	1	1	< LOD	0.04	< LOD	0.04	< LOD	2.17
639	9/13/2023 11:07	PAINT	4.88	mg / cm ^2	WALL	PLASTER	A	INTACT	GREY	SECOND	207				Negative	1	1	< LOD	0.03	< LOD	0.03	< LOD	1.02
640	9/13/2023 11:08	PAINT	2.14	mg / cm ^2	WALL	PLASTER	B	INTACT	BLUE	SECOND	207				Positive	7.56	1	4.3	2.6	< LOD	0.9	4.3	2.6

Reading No	Date/Time	Type	Duration	Units	COMPONENT	SUBSTRATE	SIDE	CONDITION	COLOR	FLOOR	AREA/ROOM	Res	EScale1	EscleCT	Results	Depth Index	Action Level	PbC	PbC Error	PbL	PbL Error	PbK	PbK Error
641	9/13/2023 11:08	PAINT	1.31	mg / cm ^2	WALL	PLASTER	C	DETERIORATED	GREY	SECOND	207				Positive	9.57	1	6.6	4.1	< LOD	0.9	6.6	4.1
642	9/13/2023 11:09	PAINT	1.07	mg / cm ^2	WALL	PLASTER	D	INTACT	GREY	SECOND	207				Positive	9.52	1	9.1	5.3	< LOD	1.2	9.1	5.3
643	9/13/2023 11:12	PAINT	2.74	mg / cm ^2	WALL	PLASTER	A	INTACT	YELLOW	SECOND	208				Negative	2.73	1	0.27	0.15	0.27	0.15	< LOD	2.11
644	9/13/2023 11:12	PAINT	1.3	mg / cm ^2	WALL	PLASTER	B	INTACT	YELLOW	SECOND	208				Positive	6.16	1	5.6	3.5	< LOD	1.2	5.6	3.5
645	9/13/2023 11:13	PAINT	1.3	mg / cm ^2	WALL	PLASTER	B	INTACT	YELLOW	SECOND	208				Positive	3.36	1	7.9	4.2	< LOD	0.4	7.9	4.2
646	9/13/2023 11:14	PAINT	0.12	mg / cm ^2	WALL	PLASTER	C	INTACT	YELLOW	SECOND	208				Null	3.98	1	< LOD	2.7	< LOD	2.7	< LOD	47.7
647	9/13/2023 11:14	PAINT	1.07	mg / cm ^2	WALL	PLASTER	C	INTACT	YELLOW	SECOND	208				Positive	4.31	1	9.3	5.3	< LOD	0.75	9.3	5.3
648	9/13/2023 11:14	PAINT	1.31	mg / cm ^2	WALL	PLASTER	C	INTACT	YELLOW	SECOND	208				Positive	5.44	1	< LOD	5.85	< LOD	0.6	< LOD	5.85
649	9/13/2023 11:14	PAINT	1.31	mg / cm ^2	WALL	PLASTER	D	INTACT	YELLOW	SECOND	208				Positive	2.87	1	< LOD	5.85	< LOD	0.45	< LOD	5.85
650	9/13/2023 11:15	PAINT	1.31	mg / cm ^2	BASEBOARD	WOOD	D	INTACT	VARNISH	SECOND	208				Negative	1.26	1	< LOD	0.04	< LOD	0.04	< LOD	2.53
651	9/13/2023 11:15	PAINT	1.31	mg / cm ^2	CBF	WOOD	D	INTACT	VARNISH	SECOND	208				Negative	1	1	< LOD	0.05	< LOD	0.05	< LOD	2.19
652	9/13/2023 11:16	PAINT	1.31	mg / cm ^2	DOOR CASING	WOOD	C	INTACT	VARNISH	SECOND	208				Negative	2.17	1	< LOD	0.15	< LOD	0.15	< LOD	2.18
653	9/13/2023 11:16	PAINT	1.31	mg / cm ^2	DOOR	WOOD	C	INTACT	VARNISH	SECOND	208				Negative	1	1	< LOD	0.03	< LOD	0.03	< LOD	2.45
654	9/13/2023 11:17	PAINT	1.31	mg / cm ^2	WINDOW CASING	WOOD	A	INTACT	VARNISH	SECOND	208				Negative	2.07	1	< LOD	0.08	< LOD	0.08	< LOD	2.09
655	9/13/2023 11:18	PAINT	1.55	mg / cm ^2	RADIATOR	METAL	A	DETERIORATED	SILVER	SECOND	208				Negative	1.53	1	< LOD	0.14	< LOD	0.14	< LOD	3.78
656	9/13/2023 11:19	PAINT	1.31	mg / cm ^2	UNIVENT	METAL	C	INTACT	BEIGE	SECOND	208				Negative	1	1	< LOD	0.03	< LOD	0.03	< LOD	3.94
657	9/13/2023 11:20	PAINT	1.43	mg / cm ^2	FLOOR	WOOD	C	INTACT	VARNISH	SECOND	208				Negative	1	1	< LOD	0.03	< LOD	0.03	< LOD	2.19
658	9/13/2023 12:08	PAINT	4.4	mg / cm ^2	1	1	1	1	1	1	VERIFICATION				Negative	1.17	1	0.9	0.1	0.9	0.1	< LOD	1.05
659	9/13/2023 12:09	PAINT	4.41	mg / cm ^2	1	1	1	1	1	1	VERIFICATION				Negative	1.12	1	0.9	0.1	0.9	0.1	< LOD	1.05
660	9/13/2023 12:09	PAINT	4.28	mg / cm ^2	1	1	1	1	1	1	VERIFICATION				Negative	1.14	1	0.9	0.1	0.9	0.1	< LOD	1.2
661	9/13/2023 12:14	PAINT	2.26	mg / cm ^2	WALL	PLASTER	A	INTACT	BLUE	SECOND	209				Positive	6.53	1	3.7	2.4	< LOD	0.45	3.7	2.4
662	9/13/2023 12:15	PAINT	2.15	mg / cm ^2	WALL	PLASTER	B	INTACT	BLUE	SECOND	209				Positive	10	1	< LOD	3.9	< LOD	0.75	< LOD	3.9
663	9/13/2023 12:15	PAINT	1.66	mg / cm ^2	WALL	PLASTER	C	INTACT	BLUE	SECOND	209				Positive	10	1	< LOD	4.95	< LOD	1.2	< LOD	4.95
664	9/13/2023 12:15	PAINT	1.31	mg / cm ^2	WALL	DRYWALL	C	INTACT	BLUE	SECOND	209				Negative	1	1	< LOD	0.03	< LOD	0.03	< LOD	2.16
665	9/13/2023 12:16	PAINT	2.39	mg / cm ^2	WALL	PLASTER	D	INTACT	BLUE	SECOND	209				Negative	1	1	< LOD	0.03	< LOD	0.03	< LOD	2.27
666	9/13/2023 12:17	PAINT	1.43	mg / cm ^2	RADIATOR	METAL	D	DETERIORATED	SILVER	SECOND	209				Negative	1.63	1	< LOD	0.12	< LOD	0.12	< LOD	3.87
667	9/13/2023 12:18	PAINT	1.31	mg / cm ^2	UNIVENT	METAL	B	DETERIORATED	TAN	SECOND	209				Negative	1	1	< LOD	0.03	< LOD	0.03	< LOD	4.03
668	9/13/2023 12:18	PAINT	1.19	mg / cm ^2	DOOR CASING	WOOD	B	INTACT	VARNISH	SECOND	209				Negative	1.05	1	< LOD	0.08	< LOD	0.08	< LOD	2.73
669	9/13/2023 12:18	PAINT	1.31	mg / cm ^2	BASEBOARD	WOOD	B	INTACT	VARNISH	SECOND	209				Negative	1.71	1	< LOD	0.06	< LOD	0.06	< LOD	2.25
670	9/13/2023 12:19	PAINT	1.31	mg / cm ^2	DOOR	WOOD	B	INTACT	VARNISH	SECOND	209				Negative	1	1	< LOD	0.03	< LOD	0.03	< LOD	2.62
671	9/13/2023 12:20	PAINT	1.31	mg / cm ^2	WINDOW CASING	WOOD	D	INTACT	VARNISH	SECOND	209				Negative	1	1	< LOD	0.05	< LOD	0.05	< LOD	2.35
672	9/13/2023 12:20	PAINT	1.43	mg / cm ^2	CBF	WOOD	A	INTACT	VARNISH	SECOND	209				Negative	1.66	1	< LOD	0.09	< LOD	0.09	< LOD	2.22
673	9/13/2023 12:22	PAINT	2.97	mg / cm ^2	WALL	PLASTER	A	INTACT	GREY	SECOND	210				Positive	6.53	1	3.1	2	< LOD	0.6	3.1	2
674	9/13/2023 12:24	PAINT	2.27	mg / cm ^2	WALL	PLASTER	B	INTACT	WHITE	SECOND	210				Null	10	1	< LOD	3.75	< LOD	0.64	< LOD	3.75
675	9/13/2023 12:25	PAINT	1.66	mg / cm ^2	WALL	PLASTER	C	INTACT	GREY	SECOND	210				Positive	8.39	1	< LOD	4.65	< LOD	0.9	< LOD	4.65
676	9/13/2023 12:25	PAINT	1.9	mg / cm ^2	WALL	PLASTER	D	INTACT	WHITE	SECOND	210				Negative	1	1	< LOD	0.03	< LOD	0.03	< LOD	2.42
677	9/13/2023 12:27	PAINT	1.31	mg / cm ^2	RADIATOR	METAL	D	DETERIORATED	SILVER	SECOND	210				Negative	1	1	< LOD	0.08	< LOD	0.08	< LOD	4.32
678	9/13/2023 12:27	PAINT	1.31	mg / cm ^2	UNIVENT	METAL	B	INTACT	BEIGE	SECOND	210				Negative	1	1	< LOD	0.03	< LOD	0.03	< LOD	3.94
679	9/13/2023 12:28	PAINT	1.32	mg / cm ^2	FLOOR	WOOD	B	INTACT	VARNISH	SECOND	210				Negative	2.1	1	< LOD	0.07	< LOD	0.07	< LOD	2.44
680	9/13/2023 12:28	PAINT	1.19	mg / cm ^2	DOOR CASING	WOOD	B	INTACT	VARNISH	SECOND	210				Negative	1.18	1	< LOD	0.07	< LOD	0.07	< LOD	2.55
681	9/13/2023 12:29	PAINT	1.18	mg / cm ^2	BASEBOARD	WOOD	B	INTACT	VARNISH	SECOND	210				Negative	1	1	< LOD	0.03	< LOD	0.03	< LOD	2.16
682	9/13/2023 12:29	PAINT	1.31	mg / cm ^2	DOOR	WOOD	B	INTACT	VARNISH	SECOND	210				Negative	1	1	< LOD	0.03	< LOD	0.03	< LOD	2.19
683	9/13/2023 12:29	PAINT	1.19	mg / cm ^2	CBF	WOOD	A	INTACT	VARNISH	SECOND	210				Negative	1	1	< LOD	0.05	< LOD	0.05	< LOD	2.37
684	9/13/2023 12:30	PAINT	5.46	mg / cm ^2	CHAIR RAIL	WOOD	D	INTACT	BROWN	SECOND	210				Negative	2.4	1	< LOD	1.25	< LOD	0.03	< LOD	1.25
685	9/13/2023 12:33	PAINT	1.19	mg / cm ^2	DOOR CASING	WOOD	D	DETERIORATED	VARNISH	SECOND	211a				Negative	1	1	< LOD	0.05	< LOD	0.05	< LOD	2.05
686	9/13/2023 12:33	PAINT	1.31	mg / cm ^2	BASEBOARD	WOOD	D	INTACT	VARNISH	SECOND	211a				Negative	1	1	< LOD	0.03	< LOD	0.03	< LOD	2.06
687	9/13/2023 12:34	PAINT	1.3	mg / cm ^2	DOOR	WOOD	D	INTACT	VARNISH	SECOND	211a				Negative	1	1	< LOD	0.03	< LOD	0.03	< LOD	2.48
688	9/13/2023 12:34	PAINT	1.31	mg / cm ^2	SHELF	WOOD	A	DETERIORATED	VARNISH	SECOND	211a				Negative	1.25	1	< LOD	0.09	< LOD	0.09	< LOD	2.39
689	9/13/2023 12:35	PAINT	1.55	mg / cm ^2	SINK	WOOD	C	DETERIORATED	WHITE	SECOND	211a				Positive	3.22	1	1.7	0.6	1.7	0.6	< LOD	4.5

Reading No	Date/Time	Type	Duration	Units	COMPONENT	SUBSTRATE	SIDE	CONDITION	COLOR	FLOOR	AREA/ROOM	Res	EScale1	EscleCT	Results	Depth Index	Action Level	PbC	PbC Error	PbL	PbL Error	PbK	PbK Error
690	9/13/2023 12:36	PAINT	0.84	mg / cm ^2	LADDER	METAL	D	DETERIORATED	BLACK	SECOND	211a				Positive	1.35	1	2	0.8	2	0.8	< LOD	9
691	9/13/2023 12:36	PAINT	1.19	mg / cm ^2	WALL	PLASTER	A	DETERIORATED	GREY	SECOND	211a				Positive	4.05	1	2.5	1	2.5	1	< LOD	4.95
692	9/13/2023 12:37	PAINT	1.31	mg / cm ^2	WALL	PLASTER	B	DETERIORATED	GREY	SECOND	211a				Positive	4.64	1	2.3	1	2.3	1	< LOD	4.95
693	9/13/2023 12:37	PAINT	3.2	mg / cm ^2	WALL	PLASTER	C	DETERIORATED	GREY	SECOND	211a				Positive	3.95	1	1.4	0.3	1.4	0.3	1.7	1.1
694	9/13/2023 12:38	PAINT	1.31	mg / cm ^2	WALL	PLASTER	D	DETERIORATED	GREY	SECOND	211a				Positive	3.83	1	2.1	0.9	2.1	0.9	< LOD	4.65
695	9/13/2023 12:38	PAINT	1.19	mg / cm ^2	CHAIR RAIL	WOOD	D	DETERIORATED	VARNISH	SECOND	211a				Negative	1.61	1	< LOD	0.09	< LOD	0.09	< LOD	2.33
696	9/13/2023 12:39	PAINT	1.31	mg / cm ^2	ANGLE IRON	METAL	A	DETERIORATED	BLACK	SECOND	211a				Negative	1	1	< LOD	0.06	< LOD	0.06	< LOD	4.11
697	9/13/2023 12:41	PAINT	1.31	mg / cm ^2	RADIATOR	METAL	D	DETERIORATED	SILVER	SECOND	211				Negative	1	1	< LOD	0.08	< LOD	0.08	< LOD	4.34
698	9/13/2023 12:41	PAINT	1.3	mg / cm ^2	DOOR CASING	WOOD	B	INTACT	VARNISH	SECOND	211				Negative	2.1	1	< LOD	0.1	< LOD	0.1	< LOD	1.93
699	9/13/2023 12:42	PAINT	0.48	mg / cm ^2	DOOR	WOOD	B	INTACT	VARNISH	SECOND	211				Null	1	1	< LOD	0.09	< LOD	0.09	< LOD	4.58
700	9/13/2023 12:42	PAINT	1.31	mg / cm ^2	DOOR	WOOD	B	INTACT	VARNISH	SECOND	211				Negative	1	1	< LOD	0.04	< LOD	0.04	< LOD	2.25
701	9/13/2023 12:42	PAINT	1.31	mg / cm ^2	WINDOW CASING	WOOD	D	INTACT	VARNISH	SECOND	211				Negative	1.54	1	0.5	0.2	0.5	0.2	< LOD	2.55
702	9/13/2023 12:43	PAINT	2.13	mg / cm ^2	PIPE	METAL	D	DETERIORATED	BLACK	SECOND	211				Negative	1	1	< LOD	0.03	< LOD	0.03	< LOD	3.22
703	9/13/2023 12:44	PAINT	4.15	mg / cm ^2	WALL	PLASTER	A	INTACT	GREY	SECOND	211				Positive	10	1	2.2	1.1	0.4	0.2	2.2	1.1
704	9/13/2023 12:45	PAINT	1.78	mg / cm ^2	WALL	PLASTER	B	INTACT	GREY	SECOND	211				Positive	8.91	1	4.1	2.7	< LOD	0.75	4.1	2.7
705	9/13/2023 12:45	PAINT	3.8	mg / cm ^2	WALL	PLASTER	C	INTACT	GREY	SECOND	211				Positive	6.71	1	2.9	1.1	0.5	0.2	2.9	1.1
706	9/13/2023 12:46	PAINT	3.09	mg / cm ^2	WALL	PLASTER	D	INTACT	GREY	SECOND	211				Negative	1	1	< LOD	0.03	< LOD	0.03	< LOD	1.4
707	9/13/2023 12:47	PAINT	4.17	mg / cm ^2	CEILING	PLASTER	D	INTACT	WHITE	SECOND	211				Negative	1	1	< LOD	0.03	< LOD	0.03	< LOD	1.2
708	9/13/2023 12:48	PAINT	3.46	mg / cm ^2	WALL	PLASTER	A	INTACT	BLUE	SECOND	212				Positive	6.71	1	2.5	1	0.4	0.2	2.5	1
709	9/13/2023 12:48	PAINT	1.42	mg / cm ^2	WALL	PLASTER	B	INTACT	BLUE	SECOND	212				Positive	9.44	1	< LOD	5.55	< LOD	1.35	< LOD	5.55
710	9/13/2023 12:49	PAINT	2.13	mg / cm ^2	WALL	PLASTER	C	INTACT	BLUE	SECOND	212				Positive	10	1	9.7	3.6	< LOD	1.05	9.7	3.6
711	9/13/2023 12:50	PAINT	5.38	mg / cm ^2	WALL	PLASTER	D	INTACT	BLUE	SECOND	212				Negative	8.69	1	< LOD	0.9	< LOD	0.1	< LOD	0.9
712	9/13/2023 12:50	PAINT	1.31	mg / cm ^2	RADIATOR	METAL	D	DETERIORATED	SILVER	SECOND	212				Negative	1.46	1	< LOD	0.16	< LOD	0.16	< LOD	4.22
713	9/13/2023 12:51	PAINT	1.31	mg / cm ^2	unv	METAL	B	DETERIORATED	BEIGE	SECOND	212				Negative	1	1	< LOD	0.03	< LOD	0.03	< LOD	3.72
714	9/13/2023 12:52	PAINT	1.3	mg / cm ^2	FLOOR	WOOD	B	INTACT	VARNISH	SECOND	212				Negative	1	1	< LOD	0.03	< LOD	0.03	< LOD	2.41
715	9/13/2023 12:52	PAINT	1.3	mg / cm ^2	DOOR CASING	WOOD	B	INTACT	VARNISH	SECOND	212				Negative	1.28	1	< LOD	0.07	< LOD	0.07	< LOD	2.22
716	9/13/2023 12:52	PAINT	1.31	mg / cm ^2	BASEBOARD	WOOD	B	INTACT	VARNISH	SECOND	212				Negative	1	1	< LOD	0.03	< LOD	0.03	< LOD	2.23
717	9/13/2023 12:53	PAINT	1.31	mg / cm ^2	DOOR	WOOD	B	INTACT	VARNISH	SECOND	212				Negative	1	1	< LOD	0.03	< LOD	0.03	< LOD	2.31
718	9/13/2023 12:53	PAINT	1.19	mg / cm ^2	CBF	WOOD	A	INTACT	VARNISH	SECOND	212				Negative	1.67	1	< LOD	0.08	< LOD	0.08	< LOD	2.16
719	9/13/2023 12:55	PAINT	1.19	mg / cm ^2	CABINET	WOOD	A	INTACT	VARNISH	SECOND	218				Negative	1	1	< LOD	0.03	< LOD	0.03	< LOD	2.47
720	9/13/2023 12:56	PAINT	1.31	mg / cm ^2	UNIVENT	METAL	C	INTACT	BEIGE	SECOND	218				Negative	2.05	1	< LOD	0.04	< LOD	0.04	< LOD	3.68
721	9/13/2023 12:57	PAINT	1.91	mg / cm ^2	WALL	PLASTER	A	DETERIORATED	YELLOW	SECOND	218				Negative	1	1	< LOD	0.03	< LOD	0.03	< LOD	2.43
722	9/13/2023 12:58	PAINT	3.1	mg / cm ^2	WALL	PLASTER	C	INTACT	YELLOW	SECOND	218				Negative	1	1	< LOD	0.03	< LOD	0.03	< LOD	1.2
723	9/13/2023 12:58	PAINT	2.02	mg / cm ^2	WALL	PLASTER	D	INTACT	YELLOW	SECOND	218				Negative	1	1	< LOD	0.03	< LOD	0.03	< LOD	2.4
724	9/13/2023 13:01	PAINT	2.14	mg / cm ^2	WALL	METAL	D	DETERIORATED	BLACK	SECOND	213				Negative	1	1	< LOD	0.03	< LOD	0.03	< LOD	2.76
725	9/13/2023 13:02	PAINT	4.3	mg / cm ^2	AHU UNIT	METAL	D	DETERIORATED	BLACK	SECOND	213				Negative	10	1	< LOD	1.15	< LOD	0.6	< LOD	1.15
726	9/13/2023 13:03	PAINT	1.42	mg / cm ^2	LADDER	METAL	D	DETERIORATED	BLACK	SECOND	213				Positive	1.32	1	2.4	0.5	2.4	0.5	< LOD	5.1
727	9/13/2023 13:04	PAINT	1.31	mg / cm ^2	DOOR CASING	WOOD	D	DETERIORATED	VARNISH	SECOND	213				Negative	1.05	1	< LOD	0.05	< LOD	0.05	< LOD	2.26
728	9/13/2023 13:04	PAINT	2.02	mg / cm ^2	DOOR	WOOD	D	DETERIORATED	VARNISH	SECOND	213				Negative	1.52	1	< LOD	0.05	< LOD	0.05	< LOD	1.59
729	9/13/2023 13:05	PAINT	1.3	mg / cm ^2	DOOR	WOOD	A	DETERIORATED	VARNISH	SECOND	214				Negative	1	1	< LOD	0.04	< LOD	0.04	< LOD	2
730	9/13/2023 13:06	PAINT	1.31	mg / cm ^2	DOOR CASING	WOOD	A	DETERIORATED	VARNISH	SECOND	214				Negative	2.86	1	< LOD	0.16	< LOD	0.16	< LOD	2.07
731	9/13/2023 13:07	PAINT	1.31	mg / cm ^2	LADDER	METAL	A	DETERIORATED	BLACK	SECOND	214				Negative	1.13	1	< LOD	0.09	< LOD	0.09	< LOD	4.19
732	9/13/2023 13:08	PAINT	3.34	mg / cm ^2	AHU UNIT	METAL	C	DETERIORATED	BLACK	SECOND	214				Negative	10	1	< LOD	1.37	< LOD	0.9	< LOD	1.37
733	9/13/2023 13:08	PAINT	1.31	mg / cm ^2	PIPE	METAL	A	DETERIORATED	BLACK	SECOND	214				Negative	1	1	< LOD	0.03	< LOD	0.03	< LOD	4.12
734	9/13/2023 13:10	PAINT	3.22	mg / cm ^2	HAND RAIL	METAL	A	DETERIORATED	BLACK	SECOND	215				Positive	1.13	1	1.2	0.2	1.2	0.2	< LOD	1.95
735	9/13/2023 13:11	PAINT	0.6	mg / cm ^2	ELECTRICAL PANEL	METAL	D	INTACT	BLACK	SECOND	215				Positive	1.17	1	2.4	1	2.4	1	< LOD	11.7
736	9/13/2023 13:12	PAINT	0.59	mg / cm ^2	STRINGER	METAL	B	DETERIORATED	BLACK	SECOND	215				Positive	1.54	1	3	1.3	3	1.3	< LOD	12.15
737	9/13/2023 13:13	PAINT	1.19	mg / cm ^2	WALL	PLASTER	A	DETERIORATED	GREEN	SECOND	215				Negative	1.6	1	< LOD	0.19	< LOD	0.19	< LOD	3.69
738	9/13/2023 13:15	PAINT	19.14	mg / cm ^2	WALL	PLASTER	B	DETERIORATED	GREEN	SECOND	215				Null	2.6	1	0.24	0.03	0.24	0.03	1.3	0.4

Reading No	Date/Time	Type	Duration	Units	COMPONENT	SUBSTRATE	SIDE	CONDITION	COLOR	FLOOR	AREA/ROOM	Res	EScale1	EscleCT	Results	Depth Index	Action Level	PbC	PbC Error	PbL	PbL Error	PbK	PbK Error
739	9/13/2023 13:15	PAINT	1.31	mg / cm ^2	WALL	PLASTER	C	DETERIORATED	GREEN	SECOND	215				Negative	2.77	1	< LOD	0.38	< LOD	0.38	< LOD	3.9
740	9/13/2023 13:16	PAINT	5.36	mg / cm ^2	WALL	PLASTER	D	DETERIORATED	GREEN	SECOND	215				Negative	4.82	1	0.8	0.2	0.8	0.2	1.5	0.8
741	9/13/2023 13:16	PAINT	2.5	mg / cm ^2	FLOOR	CONCRETE	D	DETERIORATED	GREY	SECOND	215				Null	1.15	1	0.1	0.06	0.1	0.06	< LOD	2.82
742	9/13/2023 13:17	PAINT	0.71	mg / cm ^2	DOOR CASING	METAL	B	DETERIORATED	TAN	SECOND	215				Positive	2.93	1	3.8	2.1	3.8	2.1	< LOD	11.85
743	9/13/2023 13:17	PAINT	1.31	mg / cm ^2	DOOR	METAL	B	DETERIORATED	TAN	SECOND	215				Negative	1.54	1	0.22	0.14	0.22	0.14	< LOD	3.27
744	9/13/2023 13:19	PAINT	1.31	mg / cm ^2	DOOR	WOOD	B	INTACT	VARNISH	SECOND	217				Negative	1.37	1	< LOD	0.06	< LOD	0.06	< LOD	2.29
745	9/13/2023 13:20	PAINT	1.31	mg / cm ^2	DOOR CASING	WOOD	A	INTACT	VARNISH	SECOND	217				Negative	1	1	< LOD	0.05	< LOD	0.05	< LOD	2.4
746	9/13/2023 13:25	PAINT	1.19	mg / cm ^2	WALL	PLASTER	A	INTACT	GREEN	SECOND	217				Negative	1	1	< LOD	0.03	< LOD	0.03	< LOD	2.79
747	9/13/2023 13:26	PAINT	1.9	mg / cm ^2	WALL	PLASTER	A	INTACT	BEIGE	SECOND	217				Negative	1	1	< LOD	0.03	< LOD	0.03	< LOD	2.46
748	9/13/2023 13:27	PAINT	1.31	mg / cm ^2	WALL	DRYWALL	A	INTACT	GREEN	SECOND	217				Negative	1	1	< LOD	0.03	< LOD	0.03	< LOD	1.7
749	9/13/2023 13:27	PAINT	1.55	mg / cm ^2	WALL	DRYWALL	B	INTACT	GREEN	SECOND	217				Negative	1	1	< LOD	0.03	< LOD	0.03	< LOD	2.47
750	9/13/2023 13:27	PAINT	1.54	mg / cm ^2	WALL	DRYWALL	C	INTACT	GREEN	SECOND	217				Negative	1	1	< LOD	0.03	< LOD	0.03	< LOD	2.82
751	9/13/2023 13:28	PAINT	1.66	mg / cm ^2	WALL	DRYWALL	D	INTACT	GREEN	SECOND	217				Null	5.87	1	1.5	0.8	1.5	0.8	< LOD	3
752	9/13/2023 13:30	PAINT	5.22	mg / cm ^2	WALL PARTITION	panelboard	D	INTACT	GREEN	SECOND	217				Positive	5.43	1	1.3	0.3	1.3	0.3	1.4	0.7
753	9/13/2023 13:31	PAINT	1.18	mg / cm ^2	UNIVENT	METAL	C	INTACT	GREEN	SECOND	217				Negative	4.71	1	< LOD	0.16	< LOD	0.16	< LOD	3.76
754	9/13/2023 13:33	PAINT	1.3	mg / cm ^2	WALL	PLASTER	C	INTACT	GREEN	SECOND	216				Positive	3.8	1	7.7	4.2	< LOD	0.32	7.7	4.2
755	9/13/2023 13:33	PAINT	2.02	mg / cm ^2	WALL	PLASTER	B	INTACT	GREEN	SECOND	216				Positive	5.61	1	3.8	2.5	< LOD	0.46	3.8	2.5
756	9/13/2023 13:34	PAINT	2.37	mg / cm ^2	WALL	PLASTER	C	INTACT	GREEN	SECOND	216				Negative	5.65	1	< LOD	0.27	< LOD	0.27	< LOD	2.26
757	9/13/2023 13:34	PAINT	1.31	mg / cm ^2	WALL	PLASTER	D	INTACT	GREEN	SECOND	216				Positive	5.11	1	< LOD	5.7	< LOD	0.49	< LOD	5.7
758	9/13/2023 13:35	PAINT	1.31	mg / cm ^2	WINDOW CASING	WOOD	D	INTACT	VARNISH	SECOND	216				Negative	1	1	< LOD	0.05	< LOD	0.05	< LOD	2.13
759	9/13/2023 13:36	PAINT	1.3	mg / cm ^2	DOOR CASING	WOOD	D	INTACT	VARNISH	SECOND	216				Negative	2.2	1	< LOD	0.14	< LOD	0.14	< LOD	2.25
760	9/13/2023 13:36	PAINT	1.31	mg / cm ^2	DOOR	WOOD	C	INTACT	VARNISH	SECOND	216				Negative	3.43	1	< LOD	0.17	< LOD	0.17	< LOD	2.28
761	9/13/2023 13:37	PAINT	0.12	mg / cm ^2	DOOR	METAL	C	DETERIORATED	TAN	SECOND	216				Null	5.96	1	< LOD	6	< LOD	6	< LOD	20.85
762	9/13/2023 13:37	PAINT	1.43	mg / cm ^2	DOOR	METAL	C	DETERIORATED	TAN	SECOND	216				Negative	1.89	1	0.29	0.18	0.29	0.18	< LOD	3.15
763	9/13/2023 13:38	PAINT	1.31	mg / cm ^2	DOOR CASING	METAL	C	DETERIORATED	TAN	SECOND	216				Negative	1.77	1	0.4	0.2	0.4	0.2	< LOD	3
764	9/13/2023 13:57	PAINT	0.59	mg / cm ^2	HAND RAIL	METAL	B	DETERIORATED	BLACK	EXTERIOR	na				Positive	1.81	1	9.2	4.2	9.2	4.2	< LOD	19.8
765	9/13/2023 13:58	PAINT	2.02	mg / cm ^2	DOWNSPOUT	METAL	B	INTACT	BROWN	EXTERIOR	na				Negative	1	1	< LOD	0.03	< LOD	0.03	< LOD	1.56
766	9/13/2023 13:59	PAINT	1.31	mg / cm ^2	DOOR	METAL	B	DETERIORATED	GREY	EXTERIOR	na				Negative	1	1	< LOD	0.03	< LOD	0.03	< LOD	3.5
767	9/13/2023 13:59	PAINT	1.31	mg / cm ^2	DOOR CASING	METAL	B	DETERIORATED	GREY	EXTERIOR	na				Negative	1	1	< LOD	0.03	< LOD	0.03	< LOD	3.9
768	9/13/2023 14:03	PAINT	2.26	mg / cm ^2	WINDOW CASING	WOOD	A	INTACT	BEIGE	EXTERIOR	na				Positive	7.13	1	2.1	1	2.1	1	< LOD	1.8
769	9/13/2023 14:04	PAINT	3.45	mg / cm ^2	DOOR CASING	WOOD	A	INTACT	BEIGE	EXTERIOR	na				Positive	6.92	1	1.5	0.4	1.5	0.4	1.9	0.9
770	9/13/2023 14:04	PAINT	1.31	mg / cm ^2	DOOR	METAL	A	INTACT	BEIGE	EXTERIOR	na				Negative	1	1	< LOD	0.03	< LOD	0.03	< LOD	2.18
771	9/13/2023 14:08	PAINT	1.31	mg / cm ^2	WINDOW CASING	WOOD	C	DETERIORATED	BEIGE	EXTERIOR	na				Negative	4.83	1	< LOD	0.31	< LOD	0.31	< LOD	2.08
772	9/13/2023 14:08	PAINT	1.42	mg / cm ^2	WINDOW CASING	WOOD	C	DETERIORATED	BEIGE	EXTERIOR	na				Negative	2.09	1	0.6	0.3	0.6	0.3	< LOD	2.7
773	9/13/2023 14:09	PAINT	11.45	mg / cm ^2	WINDOW SASH	WOOD	C	DETERIORATED	BEIGE	EXTERIOR	na				Negative	2.8	1	0.9	0.1	0.9	0.1	1.2	0.4
774	9/13/2023 14:11	PAINT	1.3	mg / cm ^2	DOOR CASING	WOOD	C	DETERIORATED	WHITE	EXTERIOR	na				Positive	10	1	6.2	3.6	< LOD	3.15	6.2	3.6
775	9/13/2023 14:14	PAINT	2.26	mg / cm ^2	DOOR CASING	WOOD	B	INTACT	WHITE	EXTERIOR	exterior ga house				Negative	1	1	< LOD	0.03	< LOD	0.03	< LOD	1.76
776	9/13/2023 14:14	PAINT	2.13	mg / cm ^2	DOOR	WOOD	B	INTACT	WHITE	EXTERIOR	exterior ga house				Negative	1	1	< LOD	0.03	< LOD	0.03	< LOD	1.67
777	9/13/2023 14:15	PAINT	3.46	mg / cm ^2	FASCIA	WOOD	C	DETERIORATED	BEIGE	EXTERIOR	exterior ga house				Null	2.82	1	1.2	0.2	1.2	0.2	1.3	0.7
778	9/13/2023 14:16	PAINT	9.74	mg / cm ^2	FASCIA	WOOD	C	DETERIORATED	BEIGE	EXTERIOR	exterior ga house				Negative	2.22	1	0.9	0.1	0.9	0.1	1.1	0.4

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APPENDIX C-4

XRF Performance Characteristic Sheet

Performance Characteristic Sheet

EFFECTIVE DATE: **September 24, 2004** **EDITION NO.: 1**

MANUFACTURER AND MODEL:

Make: *Niton LLC*
Tested Model: *XLp 300*
Source: ^{109}Cd
Note: This PCS is also applicable to the equivalent model variations indicated below, for the Lead-in-Paint K+L variable reading time mode, in the XLi and XLp series:

XLi 300A, XLi 301A, XLi 302A and XLi 303A.
XLp 300A, XLp 301A, XLp 302A and XLp 303A.
XLi 700A, XLi 701A, XLi 702A and XLi 703A.
XLp 700A, XLp 701A, XLp 702A and XLp 703A.

Note: The XLi and XLp versions refer to the shape of the handle part of the instrument. The differences in the model numbers reflect other modes available, in addition to Lead-in-Paint modes. The manufacturer states that specifications for these instruments are identical for the source, detector, and detector electronics relative to the Lead-in-Paint mode.

FIELD OPERATION GUIDANCE

OPERATING PARAMETERS:

Lead-in-Paint K+L variable reading time mode.

XRF CALIBRATION CHECK LIMITS:

0.8 to 1.2 mg/cm^2 (inclusive)

The calibration of the XRF instrument should be checked using the paint film nearest 1.0 mg/cm^2 in the NIST Standard Reference Material (SRM) used (e.g., for NIST SRM 2579, use the 1.02 mg/cm^2 film).

If readings are outside the acceptable calibration check range, follow the manufacturer's instructions to bring the instruments into control before XRF testing proceeds.

SUBSTRATE CORRECTION:

For XRF results using Lead-in-Paint K+L variable reading time mode, substrate correction is not needed for:

Brick, Concrete, Drywall, Metal, Plaster, and Wood

INCONCLUSIVE RANGE OR THRESHOLD:

K+L MODE READING DESCRIPTION	SUBSTRATE	THRESHOLD (mg/cm^2)
Results not corrected for substrate bias on any substrate	Brick	1.0
	Concrete	1.0
	Drywall	1.0
	Metal	1.0
	Plaster	1.0
	Wood	1.0

BACKGROUND INFORMATION

EVALUATION DATA SOURCE AND DATE:

This sheet is supplemental information to be used in conjunction with Chapter 7 of the HUD *Guidelines for the Evaluation and Control of Lead-Based Paint Hazards in Housing* ("HUD Guidelines"). Performance parameters shown on this sheet are calculated from the EPA/HUD evaluation using archived building components. Testing was conducted in August 2004 on 133 testing combinations. The instruments that were used to perform the testing had new sources; one instrument's was installed in November 2003 with 40 mCi initial strength, and the other's was installed June 2004 with 40 mCi initial strength.

OPERATING PARAMETERS:

Performance parameters shown in this sheet are applicable only when properly operating the instrument using the manufacturer's instructions and procedures described in Chapter 7 of the HUD Guidelines.

SUBSTRATE CORRECTION VALUE COMPUTATION:

Substrate correction is not needed for brick, concrete, drywall, metal, plaster or wood when using Lead-in-Paint K+L variable reading time mode, the normal operating mode for these instruments. If substrate correction is desired, refer to Chapter 7 of the HUD Guidelines for guidance on correcting XRF results for substrate bias.

EVALUATING THE QUALITY OF XRF TESTING:

Randomly select ten testing combinations for retesting from each house or from two randomly selected units in multifamily housing. Use the K+L variable time mode readings.

Conduct XRF retesting at the ten testing combinations selected for retesting.

Determine if the XRF testing in the units or house passed or failed the test by applying the steps below.

Compute the Retest Tolerance Limit by the following steps:

Determine XRF results for the original and retest XRF readings. Do not correct the original or retest results for substrate bias. In single-family and multifamily housing, a result is defined as a single reading. Therefore, there will be ten original and ten retest XRF results for each house or for the two selected units.

Calculate the average of the original XRF result and retest XRF result for each testing combination.

Square the average for each testing combination.

Add the ten squared averages together. Call this quantity C.

Multiply the number C by 0.0072. Call this quantity D.

Add the number 0.032 to D. Call this quantity E.

Take the square root of E. Call this quantity F.

Multiply F by 1.645. The result is the Retest Tolerance Limit.

Compute the average of all ten original XRF results.

Compute the average of all ten re-test XRF results.

Find the absolute difference of the two averages.

If the difference is less than the Retest Tolerance Limit, the inspection has passed the retest. If

the difference of the overall averages equals or exceeds the Retest Tolerance Limit, this procedure should be repeated with ten new testing combinations. If the difference of the overall averages is equal to or greater than the Retest Tolerance Limit a second time, then the inspection should be considered deficient.

Use of this procedure is estimated to produce a spurious result approximately 1% of the time. That is, results of this procedure will call for further examination when no examination is warranted in approximately 1 out of 100 dwelling units tested.

TESTING TIMES:

For the Lead-in-Paint K+L variable reading time mode, the instrument continues to read until it is moved away from the testing surface, terminated by the user, or the instrument software indicates the reading is complete. The following table provides testing time information for this testing mode. The times have been adjusted for source decay, normalized to the initial source strengths as noted above. Source strength and type of substrate will affect actual testing times. At the time of testing, the instruments had source strengths of 26.6 and 36.6 mCi.

Testing Times Using K+L Reading Mode (Seconds)

	All Data			Median for laboratory-measured lead levels (mg/cm^2)		
Substrate	25^{th} Percentile	Median	75^{th} Percentile	Pb < 0.25	0.25 ≤ Pb<1.0	1.0 ≤ Pb
Wood Drywall	4	11	19	11	15	11
Metal	4	12	18	9	12	14
Brick Concrete Plaster	8	16	22	15	18	16

CLASSIFICATION RESULTS:

XRF results are classified as positive if they are greater than or equal to the threshold, and negative if they are less than the threshold.

DOCUMENTATION:

A document titled *Methodology for XRF Performance Characteristic Sheets* provides an explanation of the statistical methodology used to construct the data in the sheets, and provides empirical results from using the recommended inconclusive ranges or thresholds for specific XRF instruments. For a copy of this document call the National Lead Information Center Clearinghouse at 1-800-424-LEAD.

This XRF Performance Characteristic Sheet was developed by the Midwest Research Institute (MRI) and QuanTech, Inc., under a contract between MRI and the XRF manufacturer. HUD has determined that the information provided here is acceptable when used as guidance in conjunction with Chapter 7, Lead-Based Paint Inspection, of HUD's *Guidelines for the Evaluation and Control of Lead-Based Paint Hazards in Housing*.

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APPENDIX D

Laboratory Analytical Report(s)

EA GROUP
Celebrating 40 Years of
Environmental Analysis
and Management

Shaker Heights City Schools
15600 Parkland Drive
Cleveland, OH 44120
Dave Boyer

Client Project: Ludlow ES
EA Group Workorder Number: 230900126
Received on September 14, 2023

The following analytical report contains results as requested for samples as received by EA Group. The results included in this report have been reviewed for compliance with the analytical methods indicated in this report. All data has been found to be compliant with accepted laboratory protocol, except as noted in the QC narrative. Industrial hygiene reports, air and/or surface concentrations results are based upon sampling information provided by the client. Analyst initials of REF indicate analysis performed at a subcontract facility.

If you have questions, comments or require further assistance regarding this report, please contact your client services representative or one of the individuals listed below.

Data or reporting:
Debbie Lauer - Lab Manager
dlauer@eagroupohio.com

Sample tracking, supplies:
Sample Receiving
sreceiving@eagroupohio.com

Invoice Related:
Bonnie Renbarger - Office Manager
brenbarger@eagroupohio.com

7118 Industrial Park Blvd. , Mentor, Ohio 44060-5314
(440) 951-3514 (800) 875-3514 FAX (440) 951-3774 www.eagroupohio.com

EA GROUP
Environmental Analysis and Management

Laboratory Analytical Report

Shaker Heights City Schools
15600 Parkland Drive
Cleveland, OH 44120

Attention:
Dave Boyer

Project Identification
Ludlow ES

OH45671
Purchase Order:
5701733

EA Group
Order Number
2309-00126

Carl R. Eggebraaten
Microscopist

Deborah L. Lauer
Laboratory Manager

September 27, 2023

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EA GROUP
Environmental Analysis and Management

Project Summary

The following analytical report contains the results as requested for samples submitted to EA Group. The results included in this report have been reviewed for compliance with the analytical methods indicated in this report. All data have been found to be compliant with accepted laboratory protocol. Exceptions, if any, are noted below.

Sample Summary

Sample Receive Date: 9/14/2023

EAG Sample Identification	Client Sample Identification	EAG Sample Identification	Client Sample Identification
230900126-001A	OH45671-01	230900126-002A	OH45671-02
230900126-003A	OH45671-03	230900126-004A	OH45671-04
230900126-005A	OH45671-05	230900126-006A	OH45671-06
230900126-007A	OH45671-07	230900126-008A	OH45671-08
230900126-009A	OH45671-09	230900126-010A	OH45671-10
230900126-011A	OH45671-11	230900126-012A	OH45671-12
230900126-013A	OH45671-13	230900126-014A	OH45671-14
230900126-015A	OH45671-15	230900126-016A	OH45671-16
230900126-017A	OH45671-17	230900126-018A	OH45671-18
230900126-019A	OH45671-19	230900126-020A	OH45671-20
230900126-021A	OH45671-21	230900126-022A	OH45671-22
230900126-023A	OH45671-23	230900126-024A	OH45671-24
230900126-025A	OH45671-25	230900126-026A	OH45671-26
230900126-027A	OH45671-27	230900126-028A	OH45671-28
230900126-029A	OH45671-29	230900126-030A	OH45671-30
230900126-031A	OH45671-31	230900126-032A	OH45671-32
230900126-033A	OH45671-33	230900126-034A	OH45671-34
230900126-035A	OH45671-35	230900126-036A	OH45671-36
230900126-037A	OH45671-37	230900126-038A	OH45671-38
230900126-039A	OH45671-39	230900126-040A	OH45671-40
230900126-041A	OH45671-41	230900126-042A	OH45671-42
230900126-043A	OH45671-43	230900126-044A	OH45671-44
230900126-045A	OH45671-45	230900126-046A	OH45671-46
230900126-047A	OH45671-47	230900126-048A	OH45671-48
230900126-049A	OH45671-49	230900126-050A	OH45671-50
230900126-051A	OH45671-51	230900126-052A	OH45671-52
230900126-053A	OH45671-53	230900126-054A	OH45671-54
230900126-055A	OH45671-55	230900126-056A	OH45671-56
230900126-057A	OH45671-57	230900126-058A	OH45671-58
230900126-059A	OH45671-59	230900126-060A	OH45671-60
230900126-061A	OH45671-61	230900126-062A	OH45671-62
230900126-063A	OH45671-63	230900126-064A	OH45671-64
230900126-065A	OH45671-65	230900126-066A	OH45671-66
230900126-067A	OH45671-67	230900126-068A	OH45671-68
230900126-069A	OH45671-69	230900126-070A	OH45671-70
230900126-071A	OH45671-71	230900126-072A	OH45671-72

EA GROUP
Environmental Analysis and Management

Project Summary

The following analytical report contains the results as requested for samples submitted to EA Group. The results included in this report have been reviewed for compliance with the analytical methods indicated in this report. All data have been found to be compliant with accepted laboratory protocol. Exceptions, if any, are noted below.

Sample Summary

Sample Receive Date: 9/14/2023

EAG Sample Identification	Client Sample Identification	EAG Sample Identification	Client Sample Identification
230900126-073A	OH45671-73	230900126-074A	OH45671-74
230900126-075A	OH45671-75	230900126-076A	OH45671-76
230900126-077A	OH45671-77	230900126-078A	OH45671-78
230900126-079A	OH45671-79	230900126-080A	OH45671-80
230900126-081A	OH45671-81	230900126-082A	OH45671-82
230900126-083A	OH45671-83	230900126-084A	OH45671-84
230900126-085A	OH45671-85	230900126-086A	OH45671-86
230900126-087A	OH45671-87	230900126-088A	OH45671-88
230900126-089A	OH45671-89	230900126-090A	OH45671-90
230900126-091A	OH45671-91	230900126-092A	OH45671-92
230900126-093A	OH45671-93	230900126-094A	OH45671-94
230900126-095A	OH45671-95	230900126-096A	OH45671-96
230900126-097A	OH45671-97	230900126-098A	OH45671-98
230900126-099A	OH45671-99	230900126-100A	OH45671-100
230900126-101A	OH45671-101	230900126-102A	OH45671-102
230900126-103A	OH45671-103	230900126-104A	OH45671-104
230900126-105A	OH45671-105	230900126-106A	OH45671-106
230900126-107A	OH45671-107	230900126-108A	OH45671-108
230900126-109A	OH45671-109	230900126-110A	OH45671-110

Quality Control Narrative

This report contains data which was produced by a subcontracted laboratory

NVLAP Lab Code 101165-0 for Asbestos Analysis.

IATL, Inc.

9000 Commerce Parkway, Suite B

Mt. Laurel, NJ 08054

 Unless noted, soil, sludge, and sediment results are reported on dry weight basis. The "Sample Reporting Limit" is based on the method used for analysis and does not refer to any regulatory limit.

9000 Commerce Parkway Suite B
Mt. Laurel, New Jersey 08054
Telephone: 856-231-9449
Email: customerservice@iatl.com

CERTIFICATE OF ANALYSIS

Client: EA Group
7118 Industrial Park
Mentor OH 44060

Client: EAG482

Report Date: 9/25/2023
Report No.: 689754 - PLM
Project: OH45671
Project No.: 2309-126

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 7672695 **Analyst Observation:** Off-White Plaster **Location:**
Client No.: 45171-01A **Client Description:** **Facility:**

Percent Asbestos: *None Detected*
Percent Non-Asbestos Fibrous Material: 3 Hair
Percent Non-Fibrous Material: 97

Lab No.: 7672696 **Analyst Observation:** White Plaster **Location:**
Client No.: 45171-02A **Client Description:** **Facility:**

Percent Asbestos: *None Detected*
Percent Non-Asbestos Fibrous Material: 3 Hair
Percent Non-Fibrous Material: 97

Lab No.: 7672697 **Analyst Observation:** White Plaster **Location:**
Client No.: 45171-03A **Client Description:** **Facility:**

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

Lab No.: 7672698 **Analyst Observation:** White Plaster **Location:**
Client No.: 45171-04A **Client Description:** **Facility:**

Percent Asbestos: *None Detected*
Percent Non-Asbestos Fibrous Material: 3 Hair
Percent Non-Fibrous Material: 97

Lab No.: 7672699 **Analyst Observation:** White Plaster **Location:**
Client No.: 45171-05A **Client Description:** **Facility:**

Percent Asbestos: *None Detected*
Percent Non-Asbestos Fibrous Material: 3 Hair
Percent Non-Fibrous Material: 97

Lab No.: 7672700 **Analyst Observation:** White Plaster **Location:**
Client No.: 45171-06B **Client Description:** **Facility:**

Percent Asbestos: *None Detected*
Percent Non-Asbestos Fibrous Material: 3 Hair
Percent Non-Fibrous Material: 97

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

Date Received: 9/18/2023
Date Analyzed: 09/22/2023
Signature:
Analyst: Dean Andrews

Approved By:
Frank E. Ehrenfeld, III
Laboratory Director

iATL INTERNATIONAL
ASBESTOS TESTING LABORATORIES

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CERTIFICATE OF ANALYSIS

Client: EA Group
7118 Industrial Park
Mentor OH 44060

Client: EAG482

Report Date: 9/25/2023
Report No.: 689754 - PLM
Project: OH45671
Project No.: 2309-126

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 7672700(L2) **Analyst Observation:** Lt Grey Plaster **Location:**
Client No.: 45171-06B **Client Description:** **Facility:**

Percent Asbestos:	Percent Non-Asbestos Fibrous Material:	Percent Non-Fibrous Material:
None Detected	3 Hair	97

Lab No.: 7672701 **Analyst Observation:** Off-White Plaster **Location:**
Client No.: 45171-07B **Client Description:** **Facility:**

Percent Asbestos:	Percent Non-Asbestos Fibrous Material:	Percent Non-Fibrous Material:
None Detected	3 Hair	97

Lab No.: 7672702 **Analyst Observation:** Off-White Plaster **Location:**
Client No.: 45171-08B **Client Description:** **Facility:**

Percent Asbestos:	Percent Non-Asbestos Fibrous Material:	Percent Non-Fibrous Material:
None Detected	3 Hair	97

Lab No.: 7672703 **Analyst Observation:** Off-White Plaster **Location:**
Client No.: 45171-09B **Client Description:** **Facility:**

Percent Asbestos:	Percent Non-Asbestos Fibrous Material:	Percent Non-Fibrous Material:
None Detected	3 Hair	97

Lab No.: 7672704 **Analyst Observation:** Off-White Plaster **Location:**
Client No.: 45171-10B **Client Description:** **Facility:**

Percent Asbestos:	Percent Non-Asbestos Fibrous Material:	Percent Non-Fibrous Material:
None Detected	3 Hair	97

Lab No.: 7672705 **Analyst Observation:** Off-White Plaster **Location:**
Client No.: 45171-11B **Client Description:** **Facility:**

Percent Asbestos:	Percent Non-Asbestos Fibrous Material:	Percent Non-Fibrous Material:
None Detected	3 Hair	97

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

Date Received: 9/18/2023
Date Analyzed: 09/22/2023
Signature:
Analyst: Dean Andrews

Approved By:
Frank E. Ehrenfeld, III
Laboratory Director

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ASBESTOS TESTING LABORATORIES

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CERTIFICATE OF ANALYSIS

Client: EA Group
7118 Industrial Park
Mentor OH 44060

Client: EAG482

Report Date: 9/25/2023
Report No.: 689754 - PLM
Project: OH45671
Project No.: 2309-126

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 7672706
Client No.: 45171-12B

Analyst Observation: Off-White Plaster
Client Description:

Location:
Facility:

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
3 Hair

Percent Non-Fibrous Material:
97

Lab No.: 7672707
Client No.: 45171-13C

Analyst Observation: White Ceiling Tile
Client Description:

Location:
Facility:

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
98 Cellulose

Percent Non-Fibrous Material:
2

Lab No.: 7672707(L2)
Client No.: 45171-13C

Analyst Observation: Dk Brown Mastic
Client Description:

Location:
Facility:

Percent Asbestos:
PC 0.5 *Chrysotile*

Percent Non-Asbestos Fibrous Material:
5 Other

Percent Non-Fibrous Material:
94.5

Lab No.: 7672708
Client No.: 45171-14C

Analyst Observation: White Ceiling Tile
Client Description:

Location:
Facility:

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
98 Cellulose

Percent Non-Fibrous Material:
2

Lab No.: 7672708(L2)
Client No.: 45171-14C

Analyst Observation: Dk Brown Mastic
Client Description:

Location:
Facility:

Percent Asbestos:
PC 0.5 *Chrysotile*

Percent Non-Asbestos Fibrous Material:
5 Other

Percent Non-Fibrous Material:
94.5

Lab No.: 7672709
Client No.: 45171-15D

Analyst Observation: White Ceiling Tile
Client Description:

Location:
Facility:

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
75 Cellulose
15 Fibrous Glass

Percent Non-Fibrous Material:
10

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

Date Received: 9/18/2023
Date Analyzed: 09/22/2023
Signature:
Analyst: Dean Andrews

Approved By:
Frank E. Ehrenfeld, III
Laboratory Director

iATL INTERNATIONAL
ASBESTOS TESTING LABORATORIES

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CERTIFICATE OF ANALYSIS

Client: EA Group
7118 Industrial Park
Mentor OH 44060

Client: EAG482

Report Date: 9/25/2023
Report No.: 689754 - PLM
Project: OH45671
Project No.: 2309-126

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 7672710
Client No.: 45171-16D

Analyst Observation: White Ceiling Tile
Client Description:

Location:
Facility:

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
75 Cellulose
15 Fibrous Glass

Percent Non-Fibrous Material:
10

Lab No.: 7672711
Client No.: 45171-17H

Analyst Observation: White Cementitious
Client Description:

Location:
Facility:

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
None Detected

Percent Non-Fibrous Material:
100

Lab No.: 7672711(L2)
Client No.: 45171-17H

Analyst Observation: Off-White Drywall
Client Description:

Location:
Facility:

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
2 Cellulose

Percent Non-Fibrous Material:
98

Lab No.: 7672712
Client No.: 45171-18H

Analyst Observation: White Cementitious
Client Description:

Location:
Facility:

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
None Detected

Percent Non-Fibrous Material:
100

Lab No.: 7672713
Client No.: 45171 -19J

Analyst Observation: Black Non-Fibrous
Client Description:

Location:
Facility:

Percent Asbestos:
PC 2.9 *Chrysotile*

Percent Non-Asbestos Fibrous Material:
None Detected

Percent Non-Fibrous Material:
97.1

Lab No.: 7672714
Client No.: 45171-20J

Analyst Observation: Sample Not Analyzed
Client Description:

Location:
Facility:

Percent Asbestos:
Sample Not Analyzed

Percent Non-Asbestos Fibrous Material:
Sample Not Analyzed

Percent Non-Fibrous Material:

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

Date Received: 9/18/2023
Date Analyzed: 09/22/2023
Signature:
Analyst: Dean Andrews

Approved By:
Frank E. Ehrenfeld, III
Laboratory Director

iATL INTERNATIONAL
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CERTIFICATE OF ANALYSIS

Client: EA Group
7118 Industrial Park
Mentor OH 44060

Client: EAG482

Report Date: 9/25/2023
Report No.: 689754 - PLM
Project: OH45671
Project No.: 2309-126

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 7672715 **Analyst Observation:** Brown Cove Base **Location:**
Client No.: 45171-21K **Client Description:** **Facility:**

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

Lab No.: 7672715(L2) **Analyst Observation:** Yellow Mastic **Location:**
Client No.: 45171-21K **Client Description:** **Facility:**

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

Lab No.: 7672716 **Analyst Observation:** Brown Cove Base **Location:**
Client No.: 45171-22K **Client Description:** **Facility:**

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

Lab No.: 7672716(L2) **Analyst Observation:** Yellow Mastic **Location:**
Client No.: 45171-22K **Client Description:** **Facility:**

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

Lab No.: 7672717 **Analyst Observation:** Tan Floor Tile **Location:**
Client No.: 45171-23L **Client Description:** **Facility:**

Percent Asbestos: ***PC Trace*** *Chrysotile*
Percent Non-Asbestos Fibrous Material: None Detected
Percent Non-Fibrous Material: 100

Lab No.: 7672717(L2) **Analyst Observation:** Black Mastic **Location:**
Client No.: 45171-23L **Client Description:** **Facility:**

Percent Asbestos: ***10*** *Chrysotile*
Percent Non-Asbestos Fibrous Material: None Detected
Percent Non-Fibrous Material: 90

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

Date Received: 9/18/2023
Date Analyzed: 09/22/2023
Signature:
Analyst: Michael Moore

Approved By:
Frank E. Ehrenfeld, III
Laboratory Director

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ASBESTOS TESTING LABORATORIES

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CERTIFICATE OF ANALYSIS

Client: EA Group
7118 Industrial Park
Mentor OH 44060

Client: EAG482

Report Date: 9/25/2023
Report No.: 689754 - PLM
Project: OH45671
Project No.: 2309-126

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 7672718
Client No.: 45171-24L

Analyst Observation: Sample Not Analyzed
Client Description:

Location:
Facility:

Percent Asbestos:
Sample Not Analyzed

Percent Non-Asbestos Fibrous Material:
Sample Not Analyzed

Percent Non-Fibrous Material:

Lab No.: 7672719
Client No.: 45171-25M

Analyst Observation: Tan/Black Wrap
Client Description:

Location:
Facility:

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
90 Cellulose

Percent Non-Fibrous Material:
10

Lab No.: 7672720
Client No.: 45171-26M

Analyst Observation: Tan/Black Wrap
Client Description:

Location:
Facility:

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
90 Cellulose

Percent Non-Fibrous Material:
10

Lab No.: 7672721
Client No.: 45171-27N

Analyst Observation: Black Non-Fibrous
Client Description:

Location:
Facility:

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
None Detected

Percent Non-Fibrous Material:
100

Lab No.: 7672722
Client No.: 45171-28N

Analyst Observation: Black Non-Fibrous
Client Description:

Location:
Facility:

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
None Detected

Percent Non-Fibrous Material:
100

Lab No.: 7672723
Client No.: 45171-29O

Analyst Observation: White Plaster
Client Description:

Location:
Facility:

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
None Detected

Percent Non-Fibrous Material:
100

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

Date Received: 9/18/2023
Date Analyzed: 09/22/2023
Signature:
Analyst: Michael Moore

Approved By:
Frank E. Ehrenfeld, III
Laboratory Director

iATL INTERNATIONAL
ASBESTOS TESTING LABORATORIES

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CERTIFICATE OF ANALYSIS

Client: EA Group
7118 Industrial Park
Mentor OH 44060

Client: EAG482

Report Date: 9/25/2023
Report No.: 689754 - PLM
Project: OH45671
Project No.: 2309-126

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 7672723(L2) **Analyst Observation:** Yellow Mastic **Location:**
Client No.: 45171-29O **Client Description:** **Facility:**

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

Lab No.: 7672724 **Analyst Observation:** White Plaster **Location:**
Client No.: 45171-30O **Client Description:** **Facility:**

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

Lab No.: 7672724(L2) **Analyst Observation:** Yellow Mastic **Location:**
Client No.: 45171-30O **Client Description:** **Facility:**

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

Lab No.: 7672725 **Analyst Observation:** White Drywall **Location:**
Client No.: 45171-31P **Client Description:** **Facility:**

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

Lab No.: 7672725(L2) **Analyst Observation:** White Joint Compound **Location:**
Client No.: 45171-31P **Client Description:** **Facility:**

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

Lab No.: 7672726 **Analyst Observation:** White Drywall **Location:**
Client No.: 45171-32P **Client Description:** **Facility:**

Percent Asbestos:	Percent Non-Asbestos Fibrous Material:	Percent Non-Fibrous Material:
None Detected	2 Fibrous Glass	98

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

Date Received: 9/18/2023
Date Analyzed: 09/22/2023
Signature:
Analyst: Michael Moore

Approved By:
Frank E. Ehrenfeld, III
Laboratory Director

iATL INTERNATIONAL
ASBESTOS TESTING LABORATORIES

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Telephone: 856-231-9449
Email: customerservice@iatl.com

CERTIFICATE OF ANALYSIS

Client: EA Group
7118 Industrial Park
Mentor OH 44060

Client: EAG482

Report Date: 9/25/2023
Report No.: 689754 - PLM
Project: OH45671
Project No.: 2309-126

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 7672726(L2) **Analyst Observation:** White Joint Compound **Location:**
Client No.: 45171-32P **Client Description:** **Facility:**

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

Lab No.: 7672727 **Analyst Observation:** Black Cove Base **Location:**
Client No.: 45171-33Q **Client Description:** **Facility:**

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

Lab No.: 7672727(L2) **Analyst Observation:** Yellow/Off-White Mastic **Location:**
Client No.: 45171-33Q **Client Description:** **Facility:**

Percent Asbestos:	Percent Non-Asbestos Fibrous Material:	Percent Non-Fibrous Material:
None Detected	10 Cellulose	90

Lab No.: 7672728 **Analyst Observation:** Black Cove Base **Location:**
Client No.: 45171-34Q **Client Description:** **Facility:**

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

Lab No.: 7672728(L2) **Analyst Observation:** Yellow Mastic **Location:**
Client No.: 45171-34Q **Client Description:** **Facility:**

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

Lab No.: 7672729 **Analyst Observation:** Yellow Mastic **Location:**
Client No.: 45171-35R **Client Description:** **Facility:**

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

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

Date Received: 9/18/2023
Date Analyzed: 09/22/2023
Signature:
Analyst: Michael Moore

Approved By:
Frank E. Ehrenfeld, III
Laboratory Director

iATL INTERNATIONAL
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CERTIFICATE OF ANALYSIS

Client: EA Group
7118 Industrial Park
Mentor OH 44060

Client: EAG482

Report Date: 9/25/2023
Report No.: 689754 - PLM
Project: OH45671
Project No.: 2309-126

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 7672730
Client No.: 45171-36R

Analyst Observation: Yellow Mastic
Client Description:

Location:
Facility:

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
None Detected

Percent Non-Fibrous Material:
100

Lab No.: 7672730(L2)
Client No.: 45171-36R

Analyst Observation: Grey Leveling Compound
Client Description:

Location:
Facility:

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
15 Cellulose

Percent Non-Fibrous Material:
85

Lab No.: 7672731
Client No.: 45171-37S

Analyst Observation: White Adhesive
Client Description:

Location:
Facility:

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
None Detected

Percent Non-Fibrous Material:
100

Lab No.: 7672732
Client No.: 45171-38S

Analyst Observation: White Adhesive
Client Description:

Location:
Facility:

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
None Detected

Percent Non-Fibrous Material:
100

Lab No.: 7672733
Client No.: 45171-39P

Analyst Observation: White Joint Compound
Client Description:

Location:
Facility:

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
None Detected

Percent Non-Fibrous Material:
100

Lab No.: 7672734
Client No.: 45171-40T

Analyst Observation: Off-White Plaster
Client Description:

Location:
Facility:

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
None Detected

Percent Non-Fibrous Material:
100

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

Date Received: 9/18/2023
Date Analyzed: 09/22/2023
Signature:
Analyst: Michael Moore

Approved By:
Frank E. Ehrenfeld, III
Laboratory Director

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CERTIFICATE OF ANALYSIS

Client: EA Group
7118 Industrial Park
Mentor OH 44060

Client: EAG482

Report Date: 9/25/2023
Report No.: 689754 - PLM
Project: OH45671
Project No.: 2309-126

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 7672734(L2) **Analyst Observation:** White Plaster **Location:**
Client No.: 45171-40T **Client Description:** **Facility:**

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

Lab No.: 7672735 **Analyst Observation:** Off-White Plaster **Location:**
Client No.: 45171-41T **Client Description:** **Facility:**

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

Lab No.: 7672735(L2) **Analyst Observation:** White Plaster **Location:**
Client No.: 45171-41T **Client Description:** **Facility:**

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

Lab No.: 7672736 **Analyst Observation:** Off-White Plaster **Location:**
Client No.: 45171-42T **Client Description:** **Facility:**

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

Lab No.: 7672736(L2) **Analyst Observation:** White Plaster **Location:**
Client No.: 45171-42T **Client Description:** **Facility:**

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

Lab No.: 7672737 **Analyst Observation:** Off-White Plaster **Location:**
Client No.: 45171-43U **Client Description:** **Facility:**

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

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CERTIFICATE OF ANALYSIS

Client: EA Group
7118 Industrial Park
Mentor OH 44060

Client: EAG482

Report Date: 9/25/2023
Report No.: 689754 - PLM
Project: OH45671
Project No.: 2309-126

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 7672737(L2) **Analyst Observation:** White Plaster **Location:**
Client No.: 45171-43U **Client Description:** **Facility:**

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

Lab No.: 7672738 **Analyst Observation:** Off-White Plaster **Location:**
Client No.: 45171-44U **Client Description:** **Facility:**

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

Lab No.: 7672738(L2) **Analyst Observation:** White Plaster **Location:**
Client No.: 45171-44U **Client Description:** **Facility:**

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

Lab No.: 7672739 **Analyst Observation:** Off-White Plaster **Location:**
Client No.: 45171-45U **Client Description:** **Facility:**

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

Lab No.: 7672739(L2) **Analyst Observation:** White Plaster **Location:**
Client No.: 45171-45U **Client Description:** **Facility:**

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

Lab No.: 7672740 **Analyst Observation:** White Drywall **Location:**
Client No.: 45171-46V **Client Description:** **Facility:**

Percent Asbestos:	Percent Non-Asbestos Fibrous Material:	Percent Non-Fibrous Material:
None Detected	2 Fibrous Glass	98

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

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Client: EAG482

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Report No.: 689754 - PLM
Project: OH45671
Project No.: 2309-126

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 7672740(L2) **Analyst Observation:** White Joint Compound **Location:**
Client No.: 45171-46V **Client Description:** **Facility:**

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

Lab No.: 7672741 **Analyst Observation:** White Drywall **Location:**
Client No.: 45171-47V **Client Description:** **Facility:**

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

Lab No.: 7672741(L2) **Analyst Observation:** White Joint Compound **Location:**
Client No.: 45171-47V **Client Description:** **Facility:**

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

Lab No.: 7672742 **Analyst Observation:** Red Floor Tile **Location:**
Client No.: 45171-48W **Client Description:** **Facility:**

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

Lab No.: 7672742(L2) **Analyst Observation:** Grey/Clear Leveling Compound / Mastic **Location:**
Client No.: 45171-48W **Client Description:** **Facility:**

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

Lab No.: 7672743 **Analyst Observation:** Red Floor Tile **Location:**
Client No.: 45171-49W **Client Description:** **Facility:**

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

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7118 Industrial Park
Mentor OH 44060

Client: EAG482

Report Date: 9/25/2023
Report No.: 689754 - PLM
Project: OH45671
Project No.: 2309-126

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 7672743(L2)
Client No.: 45171-49W
Analyst Observation: Grey/Clear Leveling Compound / Mastic
Client Description:
Location:
Facility:

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

Lab No.: 7672744
Client No.: 45171-50X
Analyst Observation: White Plaster
Client Description:
Location:
Facility:

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

Lab No.: 7672745
Client No.: 45171-51X
Analyst Observation: White Plaster
Client Description:
Location:
Facility:

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

Lab No.: 7672746
Client No.: 45171-52X
Analyst Observation: White Plaster
Client Description:
Location:
Facility:

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

Lab No.: 7672747
Client No.: 45171-53AA
Analyst Observation: Black Cove Base
Client Description:
Location:
Facility:

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

Lab No.: 7672747(L2)
Client No.: 45171-53AA
Analyst Observation: Yellow Mastic
Client Description:
Location:
Facility:

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

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Signature:
Analyst: Michael Moore

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Mentor OH 44060

Client: EAG482

Report Date: 9/25/2023
Report No.: 689754 - PLM
Project: OH45671
Project No.: 2309-126

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 7672748
Client No.: 45171-54AA

Analyst Observation: Black Cove Base
Client Description:

Location:
Facility:

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
None Detected

Percent Non-Fibrous Material:
100

Lab No.: 7672748(L2)
Client No.: 45171-54AA

Analyst Observation: Yellow Mastic
Client Description:

Location:
Facility:

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
None Detected

Percent Non-Fibrous Material:
100

Lab No.: 7672749
Client No.: 45171-55AB

Analyst Observation: White Insulation
Client Description:

Location:
Facility:

Percent Asbestos:
40 *Chrysotile*

Percent Non-Asbestos Fibrous Material:
None Detected

Percent Non-Fibrous Material:
60

Lab No.: 7672750
Client No.: 45171-56AB

Analyst Observation: Sample Not Analyzed
Client Description:

Location:
Facility:

Percent Asbestos:
Sample Not Analyzed

Percent Non-Asbestos Fibrous Material:
Sample Not Analyzed

Percent Non-Fibrous Material:

Lab No.: 7672751
Client No.: 45171-57AB

Analyst Observation: Sample Not Analyzed
Client Description:

Location:
Facility:

Percent Asbestos:
Sample Not Analyzed

Percent Non-Asbestos Fibrous Material:
Sample Not Analyzed

Percent Non-Fibrous Material:

Lab No.: 7672752
Client No.: 45171-58AC

Analyst Observation: Tan Floor Tile
Client Description:

Location:
Facility:

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
None Detected

Percent Non-Fibrous Material:
100

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Analyst: Michael Moore

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CERTIFICATE OF ANALYSIS

Client: EA Group
7118 Industrial Park
Mentor OH 44060

Client: EAG482

Report Date: 9/25/2023
Report No.: 689754 - PLM
Project: OH45671
Project No.: 2309-126

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 7672752(L2) **Analyst Observation:** Brown Mastic **Location:**
Client No.: 45171-58AC **Client Description:** **Facility:**

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

Lab No.: 7672752(L3) **Analyst Observation:** Black Tar Paper **Location:**
Client No.: 45171-58AC **Client Description:** **Facility:**

Percent Asbestos: *None Detected*
Percent Non-Asbestos Fibrous Material: 30 Cellulose
Percent Non-Fibrous Material: 70

Lab No.: 7672753 **Analyst Observation:** Tan Floor Tile **Location:**
Client No.: 45171-59AC **Client Description:** **Facility:**

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

Lab No.: 7672753(L2) **Analyst Observation:** Brown Mastic **Location:**
Client No.: 45171-59AC **Client Description:** **Facility:**

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

Lab No.: 7672753(L3) **Analyst Observation:** Black Tar Paper **Location:**
Client No.: 45171-59AC **Client Description:** **Facility:**

Percent Asbestos: *None Detected*
Percent Non-Asbestos Fibrous Material: 30 Cellulose
Percent Non-Fibrous Material: 70

Lab No.: 7672754 **Analyst Observation:** Tan Ceiling Tile **Location:**
Client No.: 45171-60AD **Client Description:** **Facility:**

Percent Asbestos: *None Detected*
Percent Non-Asbestos Fibrous Material: 50 Cellulose, 30 Mineral Wool
Percent Non-Fibrous Material: 20

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Date Received: 9/18/2023
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Analyst: Michael Moore

Approved By:
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Laboratory Director

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CERTIFICATE OF ANALYSIS

Client: EA Group
7118 Industrial Park
Mentor OH 44060

Client: EAG482

Report Date: 9/25/2023
Report No.: 689754 - PLM
Project: OH45671
Project No.: 2309-126

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 7672754(L2) **Analyst Observation:** Brown Mastic **Location:**
Client No.: 45171-60AD **Client Description:** **Facility:**

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

Lab No.: 7672755 **Analyst Observation:** Tan Ceiling Tile **Location:**
Client No.: 45171-61AD **Client Description:** **Facility:**

Percent Asbestos: *None Detected*
Percent Non-Asbestos Fibrous Material: 50 Cellulose, 30 Mineral Wool
Percent Non-Fibrous Material: 20

Lab No.: 7672755(L2) **Analyst Observation:** Brown Mastic **Location:**
Client No.: 45171-61AD **Client Description:** **Facility:**

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

Lab No.: 7672756 **Analyst Observation:** White/Tan Non-Fibrous **Location:**
Client No.: 45171-62AE **Client Description:** **Facility:**

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

Lab No.: 7672757 **Analyst Observation:** White/Tan Non-Fibrous **Location:**
Client No.: 45171-63AE **Client Description:** **Facility:**

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

Lab No.: 7672758 **Analyst Observation:** Tan Cove Base **Location:**
Client No.: 45171-64AF **Client Description:** **Facility:**

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

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Analyst: Michael Moore

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Laboratory Director

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Client: EA Group
7118 Industrial Park
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Client: EAG482

Report Date: 9/25/2023
Report No.: 689754 - PLM
Project: OH45671
Project No.: 2309-126

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 7672758(L2) **Analyst Observation:** Yellow Mastic **Location:**
Client No.: 45171-64AF **Client Description:** **Facility:**

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

Lab No.: 7672759 **Analyst Observation:** Grey Cove Base **Location:**
Client No.: 45171-65AF **Client Description:** **Facility:**

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

Lab No.: 7672759(L2) **Analyst Observation:** Yellow Mastic **Location:**
Client No.: 45171-65AF **Client Description:** **Facility:**

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

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Date Received: 9/18/2023
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Analyst: Michael Moore

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Client: EAG482

Report Date: 9/25/2023
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Project: OH45671
Project No.: 2309-126

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 7672760 **Analyst Observation:** Tan Floor Tile **Location:**
Client No.: 45171-66AG **Client Description:** **Facility:**

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

Lab No.: 7672760(L2) **Analyst Observation:** Yellow Mastic **Location:**
Client No.: 45171-66AG **Client Description:** **Facility:**

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

Insufficient material provided to verify results.

Lab No.: 7672760(L3) **Analyst Observation:** Clear Caulk **Location:**
Client No.: 45171-66AG **Client Description:** **Facility:**

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

Lab No.: 7672761 **Analyst Observation:** Tan Floor Tile **Location:**
Client No.: 45171-67AG **Client Description:** **Facility:**

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

Lab No.: 7672761(L2) **Analyst Observation:** Yellow Mastic **Location:**
Client No.: 45171-67AG **Client Description:** **Facility:**

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

Lab No.: 7672761(L3) **Analyst Observation:** Clear Caulk **Location:**
Client No.: 45171-67AG **Client Description:** **Facility:**

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

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

Date Received: 9/18/2023
Date Analyzed: 09/25/2023
Signature: Tiffany Lowe
Analyst: Tiffany Lowe

Approved By: Frank E. Ehrenfeld, III
Laboratory Director

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Client: EAG482

Report Date: 9/25/2023
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Project: OH45671
Project No.: 2309-126

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 7672762
Client No.: 45171-68AH

Analyst Observation: White Drywall
Client Description:

Location:
Facility:

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
5 Cellulose
4 Fibrous Glass

Percent Non-Fibrous Material:
91

Lab No.: 7672762(L2)
Client No.: 45171-68AH

Analyst Observation: White Joint Compound
Client Description:

Location:
Facility:

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
None Detected

Percent Non-Fibrous Material:
100

Lab No.: 7672763
Client No.: 45171-69AH

Analyst Observation: White Drywall
Client Description:

Location:
Facility:

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
5 Cellulose
4 Fibrous Glass

Percent Non-Fibrous Material:
91

Lab No.: 7672763(L2)
Client No.: 45171-69AH

Analyst Observation: White Joint Compound
Client Description:

Location:
Facility:

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
None Detected

Percent Non-Fibrous Material:
100

Lab No.: 7672764
Client No.: 45171-70AH

Analyst Observation: White Drywall
Client Description:

Location:
Facility:

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
5 Cellulose
4 Fibrous Glass

Percent Non-Fibrous Material:
91

Lab No.: 7672764(L2)
Client No.: 45171-70AH

Analyst Observation: White Joint Compound
Client Description:

Location:
Facility:

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
None Detected

Percent Non-Fibrous Material:
100

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Date Received: 9/18/2023
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Signature: Tiffany Lowe
Analyst: Tiffany Lowe

Approved By:
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Client: EAG482

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Project: OH45671
Project No.: 2309-126

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 7672765
Client No.: 45171-71AI
Analyst Observation: Grey Cove Base
Client Description:
Location:
Facility:

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
None Detected

Percent Non-Fibrous Material:
100

Lab No.: 7672765(L2)
Client No.: 45171-71AI
Analyst Observation: Tan Mastic
Client Description:
Location:
Facility:

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
None Detected

Percent Non-Fibrous Material:
100

Lab No.: 7672766
Client No.: 45171-72AI
Analyst Observation: Grey Cove Base
Client Description:
Location:
Facility:

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
None Detected

Percent Non-Fibrous Material:
100

Lab No.: 7672766(L2)
Client No.: 45171-72AI
Analyst Observation: Tan Mastic
Client Description:
Location:
Facility:

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
None Detected

Percent Non-Fibrous Material:
100

Lab No.: 7672767
Client No.: 45171-73AJ
Analyst Observation: Grey Sink Undercoating
Client Description:
Location:
Facility:

Percent Asbestos:
PC 3.7 *Chrysotile*

Percent Non-Asbestos Fibrous Material:
None Detected

Percent Non-Fibrous Material:
96.3

Lab No.: 7672768
Client No.: 45171-74AJ
Analyst Observation: Sample Not Analyzed
Client Description:
Location:
Facility:

Percent Asbestos:
Sample Not Analyzed

Percent Non-Asbestos Fibrous Material:
Sample Not Analyzed

Percent Non-Fibrous Material:

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

Date Received: 9/18/2023
Date Analyzed: 09/25/2023
Signature: Tiffany Lowe
Analyst: Tiffany Lowe

Approved By:
Frank E. Ehrenfeld, III
Laboratory Director

iATL INTERNATIONAL
ASBESTOS TESTING LABORATORIES

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Mt. Laurel, New Jersey 08054
Telephone: 856-231-9449
Email: customerservice@iatl.com

CERTIFICATE OF ANALYSIS

Client: EA Group
7118 Industrial Park
Mentor OH 44060

Client: EAG482

Report Date: 9/25/2023
Report No.: 689754 - PLM
Project: OH45671
Project No.: 2309-126

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 7672769 **Analyst Observation:** White Plaster **Location:**
Client No.: 45171-75AL **Client Description:** **Facility:**

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

Lab No.: 7672770 **Analyst Observation:** White Plaster **Location:**
Client No.: 45171-76AL **Client Description:** **Facility:**

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

Lab No.: 7672771 **Analyst Observation:** Black Cove Base **Location:**
Client No.: 45171-77AM **Client Description:** **Facility:**

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

Lab No.: 7672771(L2) **Analyst Observation:** Tan Mastic **Location:**
Client No.: 45171-77AM **Client Description:** **Facility:**

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

Lab No.: 7672772 **Analyst Observation:** Black Cove Base **Location:**
Client No.: 45171-78AM **Client Description:** **Facility:**

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

Lab No.: 7672772(L2) **Analyst Observation:** Tan Mastic **Location:**
Client No.: 45171-78AM **Client Description:** **Facility:**

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

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

Date Received: 9/18/2023
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Signature: Tiffany Lowe
Analyst: Tiffany Lowe

Approved By: Frank E. Ehrenfeld, III
Laboratory Director

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7118 Industrial Park
Mentor OH 44060

Client: EAG482

Report Date: 9/25/2023
Report No.: 689754 - PLM
Project: OH45671
Project No.: 2309-126

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 7672773 **Analyst Observation:** White Vinyl Sheet Flooring **Location:**
Client No.: 45171-79AN **Client Description:** **Facility:**

Percent Asbestos:	Percent Non-Asbestos Fibrous Material:	Percent Non-Fibrous Material:
None Detected	10 Fibrous Glass	90

Lab No.: 7672773(L2) **Analyst Observation:** Clear Mastic **Location:**
Client No.: 45171-79AN **Client Description:** **Facility:**

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

Lab No.: 7672773(L3) **Analyst Observation:** Clear/Grey Mastic/Leveling Compound **Location:**
Client No.: 45171-79AN **Client Description:** **Facility:**

Percent Asbestos:	Percent Non-Asbestos Fibrous Material:	Percent Non-Fibrous Material:
None Detected	10 Cellulose	90

Lab No.: 7672774 **Analyst Observation:** White Vinyl Sheet Flooring **Location:**
Client No.: 45171-80AN **Client Description:** **Facility:**

Percent Asbestos:	Percent Non-Asbestos Fibrous Material:	Percent Non-Fibrous Material:
None Detected	10 Fibrous Glass	90

Lab No.: 7672774(L2) **Analyst Observation:** Clear Mastic **Location:**
Client No.: 45171-80AN **Client Description:** **Facility:**

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

Lab No.: 7672774(L3) **Analyst Observation:** Clear/Grey Mastic/Leveling Compound **Location:**
Client No.: 45171-80AN **Client Description:** **Facility:**

Percent Asbestos:	Percent Non-Asbestos Fibrous Material:	Percent Non-Fibrous Material:
None Detected	10 Cellulose	90

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

Date Received: 9/18/2023
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Analyst: Tiffany Lowe

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Laboratory Director

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CERTIFICATE OF ANALYSIS

Client: EA Group
7118 Industrial Park
Mentor OH 44060

Client: EAG482

Report Date: 9/25/2023
Report No.: 689754 - PLM
Project: OH45671
Project No.: 2309-126

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 7672775 **Analyst Observation:** Off-White Plaster **Location:**
Client No.: 45171-81AO **Client Description:** **Facility:**

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

Lab No.: 7672775(L2) **Analyst Observation:** White Plaster **Location:**
Client No.: 45171-81AO **Client Description:** **Facility:**

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

Lab No.: 7672776 **Analyst Observation:** Off-White Plaster **Location:**
Client No.: 45171-82AO **Client Description:** **Facility:**

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

Lab No.: 7672776(L2) **Analyst Observation:** White Plaster **Location:**
Client No.: 45171-82AO **Client Description:** **Facility:**

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

Lab No.: 7672777 **Analyst Observation:** Off-White Plaster **Location:**
Client No.: 45171-83AP **Client Description:** **Facility:**

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

Lab No.: 7672777(L2) **Analyst Observation:** White Plaster **Location:**
Client No.: 45171-83AP **Client Description:** **Facility:**

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

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

Date Received: 9/18/2023
Date Analyzed: 09/25/2023
Signature:
Analyst: Michael Moore

Approved By:
Frank E. Ehrenfeld, III
Laboratory Director

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CERTIFICATE OF ANALYSIS

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Client: EAG482

Report Date: 9/25/2023
Report No.: 689754 - PLM
Project: OH45671
Project No.: 2309-126

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 7672778
Client No.: 45171-84AP

Analyst Observation: Off-White Plaster
Client Description:

Location:
Facility:

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
None Detected

Percent Non-Fibrous Material:
100

Lab No.: 7672778(L2)
Client No.: 45171-84AP

Analyst Observation: White Plaster
Client Description:

Location:
Facility:

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
None Detected

Percent Non-Fibrous Material:
100

Lab No.: 7672779
Client No.: 45171-85AR

Analyst Observation: Green/Grey Flooring
Client Description:

Location:
Facility:

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
80 Cellulose

Percent Non-Fibrous Material:
20

Lab No.: 7672780
Client No.: 45171-86AR

Analyst Observation: Red/Grey Flooring
Client Description:

Location:
Facility:

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
80 Cellulose

Percent Non-Fibrous Material:
20

Lab No.: 7672781
Client No.: 45171-87AR

Analyst Observation: Grey Floor Tile
Client Description:

Location:
Facility:

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
98 Cellulose

Percent Non-Fibrous Material:
2

Lab No.: 7672782
Client No.: 45171-88AS

Analyst Observation: Off-White Insulation
Client Description:

Location:
Facility:

Percent Asbestos:
20 *Chrysotile*

Percent Non-Asbestos Fibrous Material:
None Detected

Percent Non-Fibrous Material:
80

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

Date Received: 9/18/2023
Date Analyzed: 09/25/2023
Signature:
Analyst: Michael Moore

Approved By:
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Laboratory Director

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CERTIFICATE OF ANALYSIS

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Client: EAG482

Report Date: 9/25/2023
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Project: OH45671
Project No.: 2309-126

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 7672783
Client No.: 45171-89AS

Analyst Observation: Sample Not Analyzed
Client Description:

Location:
Facility:

Percent Asbestos:
Sample Not Analyzed

Percent Non-Asbestos Fibrous Material:
Sample Not Analyzed

Percent Non-Fibrous Material:

Lab No.: 7672784
Client No.: 45171-90AS

Analyst Observation: Sample Not Analyzed
Client Description:

Location:
Facility:

Percent Asbestos:
Sample Not Analyzed

Percent Non-Asbestos Fibrous Material:
Sample Not Analyzed

Percent Non-Fibrous Material:

Lab No.: 7672785
Client No.: 45171-91AU

Analyst Observation: White Insulation
Client Description:

Location:
Facility:

Percent Asbestos:
30 *Chrysotile*

Percent Non-Asbestos Fibrous Material:
None Detected

Percent Non-Fibrous Material:
70

Lab No.: 7672786
Client No.: 45171-92AU

Analyst Observation: Sample Not Analyzed
Client Description:

Location:
Facility:

Percent Asbestos:
Sample Not Analyzed

Percent Non-Asbestos Fibrous Material:
Sample Not Analyzed

Percent Non-Fibrous Material:

Lab No.: 7672787
Client No.: 45171-93AU

Analyst Observation: Sample Not Analyzed
Client Description:

Location:
Facility:

Percent Asbestos:
Sample Not Analyzed

Percent Non-Asbestos Fibrous Material:
Sample Not Analyzed

Percent Non-Fibrous Material:

Lab No.: 7672788
Client No.: 45171-94AV

Analyst Observation: Grey Stucco
Client Description:

Location:
Facility:

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
15 Talc

Percent Non-Fibrous Material:
85

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

Date Received: 9/18/2023
Date Analyzed: 09/25/2023
Signature:
Analyst: Michael Moore

Approved By:
Frank E. Ehrenfeld, III
Laboratory Director

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CERTIFICATE OF ANALYSIS

Client: EA Group
7118 Industrial Park
Mentor OH 44060

Client: EAG482

Report Date: 9/25/2023
Report No.: 689754 - PLM
Project: OH45671
Project No.: 2309-126

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 7672789
Client No.: 45171-95AV

Analyst Observation: Red/Brown Stucco
Client Description:

Location:
Facility:

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
10 Talc

Percent Non-Fibrous Material:
90

Lab No.: 7672790
Client No.: 45171-96AW

Analyst Observation: Pink Insulation
Client Description:

Location:
Facility:

Percent Asbestos:
15 *Chrysotile*
PC 5 *Crocidolite*

Percent Non-Asbestos Fibrous Material:
None Detected

Percent Non-Fibrous Material:
80

Lab No.: 7672791
Client No.: 45171-97AW

Analyst Observation: Sample Not Analyzed
Client Description:

Location:
Facility:

Percent Asbestos:
Sample Not Analyzed

Percent Non-Asbestos Fibrous Material:
Sample Not Analyzed

Percent Non-Fibrous Material:

Lab No.: 7672792
Client No.: 45171-98AW

Analyst Observation: Sample Not Analyzed
Client Description:

Location:
Facility:

Percent Asbestos:
Sample Not Analyzed

Percent Non-Asbestos Fibrous Material:
60 Sample Not Analyzed

Percent Non-Fibrous Material:

Lab No.: 7672793
Client No.: 45171-99BA

Analyst Observation: Grey Caulk
Client Description:

Location:
Facility:

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
None Detected

Percent Non-Fibrous Material:
100

Lab No.: 7672794
Client No.: 45171-100BA

Analyst Observation: White Glazing
Client Description:

Location:
Facility:

Percent Asbestos:
PC 3.2 *Chrysotile*

Percent Non-Asbestos Fibrous Material:
None Detected

Percent Non-Fibrous Material:
96.8

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

Date Received: 9/18/2023
Date Analyzed: 09/25/2023
Signature:
Analyst: Michael Moore

Approved By:
Frank E. Ehrenfeld, III
Laboratory Director

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CERTIFICATE OF ANALYSIS

Client: EA Group
7118 Industrial Park
Mentor OH 44060

Client: EAG482

Report Date: 9/25/2023
Report No.: 689754 - PLM
Project: OH45671
Project No.: 2309-126

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 7672795 | **Analyst Observation:** White Glazing | **Location:**
Client No.: 45171-101BB | **Client Description:** | **Facility:**

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

Lab No.: 7672796 | **Analyst Observation:** White Glazing | **Location:**
Client No.: 45171-102BB | **Client Description:** | **Facility:**

Percent Asbestos: ***PC 2.6*** *Chrysotile*
Percent Non-Asbestos Fibrous Material: None Detected
Percent Non-Fibrous Material: 97.4

Lab No.: 7672797 | **Analyst Observation:** White Caulk | **Location:**
Client No.: 45171-103BC | **Client Description:** | **Facility:**

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

Lab No.: 7672798 | **Analyst Observation:** White Texture | **Location:**
Client No.: 45171-104BC | **Client Description:** | **Facility:**

Percent Asbestos: ***PC 3.6*** *Chrysotile*
Percent Non-Asbestos Fibrous Material: None Detected
Percent Non-Fibrous Material: 96.4

Lab No.: 7672799 | **Analyst Observation:** White Caulk | **Location:**
Client No.: 45171-105BD | **Client Description:** | **Facility:**

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

Lab No.: 7672800 | **Analyst Observation:** Grey Caulk | **Location:**
Client No.: 45171-106BD | **Client Description:** | **Facility:**

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

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

Date Received: 9/18/2023
Date Analyzed: 09/25/2023
Signature:
Analyst: Michael Moore

Approved By:
Frank E. Ehrenfeld, III
Laboratory Director

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7118 Industrial Park
Mentor OH 44060

Client: EAG482

Report Date: 9/25/2023
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Project: OH45671
Project No.: 2309-126

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 7672801
Client No.: 45171-107BE

Analyst Observation: Grey Caulk
Client Description:

Location:
Facility:

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
None Detected

Percent Non-Fibrous Material:
100

Lab No.: 7672802
Client No.: 45171-108BE

Analyst Observation: Grey Caulk
Client Description:

Location:
Facility:

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
None Detected

Percent Non-Fibrous Material:
100

Lab No.: 7672803
Client No.: 45171-109BF

Analyst Observation: White Glazing
Client Description:

Location:
Facility:

Percent Asbestos:
PC 1.0 *Chrysotile*

Percent Non-Asbestos Fibrous Material:
None Detected

Percent Non-Fibrous Material:
99

Lab No.: 7672804
Client No.: 45171-110BF

Analyst Observation: White Glazing
Client Description:

Location:
Facility:

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
None Detected

Percent Non-Fibrous Material:
100

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

Date Received: 9/18/2023
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Signature:
Analyst: Michael Moore

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Laboratory Director

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Appendix to Analytical Report

Customer Contact: Mike Herbert
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 ir 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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This report shall not be reproduced except in full, without written approval of the laboratory.

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.

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CERTIFICATE OF ANALYSIS

Client:	EA Group	Report Date:	9/25/2023
	7118 Industrial Park	Report No.:	689754 - PLM
	Mentor OH 44060	Project:	OH45671
		Project No.:	2309-126
Client:	EAG482		

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 gange, 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/I198_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.

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	Mentor OH 44060	Project:	OH45671
		Project No.:	2309-126
Client:	EAG482		

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 that 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.

FIELD REQUEST FOR LABORATORY ANALYSIS

126
1062

Company Name: Shaker Heights City SD
Address: 15600 Parkland Drive
Cleveland, OH 44120
Attention: Dave Boyer

Customer Number: 0502921

Results Needed By:	
Normal: X	**RUSH:**
Priority:	(confirm w/ lab)
Date:	Time:

Telephone: _____ Fax No: _____

e-mail: _____

Sampled by: C. Hatfield

Project Name: Ludlow ES Project Number OH 45671

Rush Authorized by: _____ Project Category: **ASB**

Special Billing/Reporting: _____

Is this a VAP project requiring VAP lab analysis? Yes _____ No X

Internal Contact: Bowen

CHAIN OF CUSTODY

Relinquished by		Received by	
Name	Date/Time	Name	Date/Time
C Hatfield	9-14-23/1230	M Lorenzen	9/14/23 1400

EA GROUP CONSULTING DIVISION

REQUEST FOR LABORATORY ANALYSIS - ASBESTOS BULK SAMPLING LOG

Page 1 of 2

Sample No.	Homog. Group	1	2
45671 - 01	A	X	
02			
03			
04			
05			
06	B		
07			
08			
09			
10			
11			
12			
13	C		
14	L		
15	D		
16	"		
17	H		
18	I		
19	J		
20	"		

Sample No.	Homog. Group	1	2
45671 - 21	K	X	
22	"		
23	L		
24	"		
25	M		
26	"		
27	N		
28	"		
29	O		
30	"		
31	P		
32	"		
33	Q		
34	"		
35	R		
36	"		
37	S		
38	"		
39	P		
40	T		

Sample No.	Homog. Group	1	2
45671 - 41	T	X	
42	"		
43	U		
44			
45			
46	V		
47	"		
48	W		
49	"		
50	X		
51			
52			
53	AA		
54			
55	AB		
56			
57			
58	AC		
59	"		
60	AD	"	

Analytes: 1 PLM (standard) 2 PLM (full) Point Count: ____ or ALL (enter # or circle ALL)

Hygienist: C. Hatfield **Sampling Date:** 9 Sept 11-14, 2023

Comments: Stop first positive except A, B, P, T, U, AH,

EA GROUP CONSULTING DIVISION

REQUEST FOR LABORATORY ANALYSIS - ASBESTOS BULK SAMPLING LOG

Page 2 of 2

Sample No.	Homog. Group	1	2
45671 - 61	AD	X	
62	AE	↓	
63	↓	↓	
64	AF	↓	
65	↓	↓	
66	AG	↓	
67	↓	↓	
68	AH	↓	
69	↓	↓	
70	↓	↓	
71	AI	↓	
72	↓	↓	
73	AJ	↓	
74	↓	↓	
75	AL	↓	
76	↓	↓	
77	AM	↓	
78	↓	↓	
79	AN	↓	
80	↓	↓	

Sample No.	Homog. Group	1	2
45671 - 81	AO	X	
82	↓	↓	
83	AP	↓	
84	↓	↓	
85	AR	↓	
86	↓	↓	
87	↓	↓	
88	AS	↓	
89	↓	↓	
90	↓	↓	
91	AU	↓	
92	↓	↓	
93	↓	↓	
94	AV	↓	
95	↓	↓	
96	AW	↓	
97	↓	↓	
98	↓	↓	
99	BA	↓	
100	↓	↓	

Sample No.	Homog. Group	1	2
45671 - 101	BB	X	
102	↓	↓	
103	BC	↓	
104	↓	↓	
105	BD	↓	
106	↓	↓	
107	BE	↓	
108	↓	↓	
109	BF	↓	
110	↓	✓	

Analytes: 1 PLM (standard) 2 PLM (full) Point Count: ____ or (ALL) (enter # or circle ALL)

Hygienist: C. Hatfield **Sampling Date:** 9 Sept 11-14, 2023

Comments: Stop first positive except A, B, P, T, U, AH,

EA GROUP
Celebrating 40 Years of
Environmental Analysis
and Management

Shaker Heights City Schools
15600 Parkland Drive
Cleveland, OH 44120
David Boyer

Client Project: Ludlow Elementery School
EA Group Workorder Number: 230900127
Received on September 14, 2023

The following analytical report contains results as requested for samples as received by EA Group. The results included in this report have been reviewed for compliance with the analytical methods indicated in this report. All data has been found to be compliant with accepted laboratory protocol, except as noted in the QC narrative. Industrial hygiene reports, air and/or surface concentrations results are based upon sampling information provided by the client. Analyst initials of REF indicate analysis performed at a subcontract facility.

If you have questions, comments or require further assistance regarding this report, please contact your client services representative or one of the individuals listed below.

Data or reporting:
Debbie Lauer - Lab Manager
dlauer@eagroupohio.com

Sample tracking, supplies:
Sample Receiving
sreceiving@eagroupohio.com

Invoice Related:
Bonnie Renbarger - Office Manager
brenbarger@eagroupohio.com

7118 Industrial Park Blvd. , Mentor, Ohio 44060-5314
(440) 951-3514 (800) 875-3514 FAX (440) 951-3774 www.eagroupohio.com

EA GROUP
Celebrating 40 Years of
Environmental Analysis
and Management

Laboratory Analytical Report

Shaker Heights City Schools

15600 Parkland Drive

Cleveland, OH 44120

Attention:
David Boyer

Client Project:

Ludlow Elementery School

OH45671

Purchase Order:
5701733

EA Group Workorder:
2309-00127

Deborah L. Lauer

Laboratory Manager

September 22, 2023

7118 Industrial Park Blvd. , Mentor, Ohio 44060-5314
(440) 951-3514 (800) 875-3514 FAX (440) 951-3774 www.eagroupohio.com

Sample Receive Date 9/14/2023

Sample Listing

EAG Sample Identification	Client Sample Identification	EAG Sample Identification	Client Sample Identification
230900127 - 001	OH45671-01	230900127 - 002	OH45671-02
230900127 - 003	OH45671-03	230900127 - 004	OH45671-04
230900127 - 005	OH45671-05	230900127 - 006	OH45671-06
230900127 - 007	OH45671-07	230900127 - 008	OH45671-08
230900127 - 009	OH45671-09	230900127 - 010	OH45671-10
230900127 - 011	OH45671-11	230900127 - 012	OH45671-12
230900127 - 013	OH45671-13	230900127 - 014	OH45671-14
230900127 - 015	OH45671-15	230900127 - 016	OH45671-16
230900127 - 017	OH45671-17	230900127 - 018	OH45671-18
230900127 - 019	OH45671-19	230900127 - 020	OH45671-20
230900127 - 021	OH45671-21	230900127 - 022	OH45671-22
230900127 - 023	OH45671-23	230900127 - 024	OH45671-24

EA GROUP
Environmental Analysis and Management

Project Narrative
2309-00127

All analyses performed by EA Group were done using established laboratory SOPs. Management has reviewed the data for compliance with the laboratory QA/QC plan and data have been found to be compliant with the laboratory protocols unless otherwise noted below. All results listed for this report relate only to the samples submitted on this work order.

The temperature of the sample(s) upon receipt was 25°C.

Misc. QC Comments

Percent Moisture is used to report results on a dry weight basis.

When necessary, reporting limits of individual samples may be raised due to high concentration of interfering compounds or target analytes, or quantity of sample available for analysis.

pH method note: If this analysis was performed in the laboratory, it may not meet the "immediate analysis" requirement that applies to most wastewater monitoring samples. In such cases, analysis for pH should be done at the time of sampling.

The results listed in this report relate only to the samples submitted to EA Group per the chain of custody.

Data Flag Table

B	The method blank contained a standard laboratory contaminant (Methylene Chloride, Acetone, Hexane, Phthalates, etc.) above the standard laboratory method detection limit. If the analyte is present in the sample at a concentration up to ten times the blank level, the result is reported with a "B" indicating method blank contamination. Samples will be reported without a "B" if the analyte concentration in the sample is greater than ten times the blank level.
E	An analytical result marked with an "E" indicates the result reported is above the high end limit of the calibration curve and should be considered an estimated concentration.
DIL	Due to matrix interference or high analyte concentration, a dilution was required. The spikes and/or surrogates results could not be quantitated and therefore marked "DIL".
J	An analytical result marked with a "J" indicates the result reported was below the standard reporting limit and above the method detection limit. As the observed level approaches the MDL there is an increasing probability of a false positive response.
MI	Analytical results marked as "MI" indicate that due to inherent matrix interference, the result could not be quantitated.
#	Results flagged "#" indicate the reported result may be outside allowable permit levels as provided by the client, when applicable.
NA	A result or field marked as "NA" indicates that it was not applicable for this project.
Q	A quality control result flagged with a "Q" indicates the percent recovery was outside the acceptable range as determined by the laboratory.

** Positive results for this analyte represent a probable combination of 3-Methylphenol (m-Cresol) and 4-Methylphenol (p-Cresol).

EAG Workorder: 2309-00127

Client Project: Ludlow Elementery School

Client ID: OH45671-01 **Date/Time Sampled:** 9/14/2023 / 00 **Received:** 9/14/2023
EAG ID: 2309-00127-1

Parameter	CAS #	Result	Reporting Limit	Units	Prep Date	Analysis Date	Time	Analyst
Lead: 7000B	7439-92-1	<39		mg/kg		9/21/2023		REF

Client ID: OH45671-02 **Date/Time Sampled:** 9/14/2023 / 00 **Received:** 9/14/2023
EAG ID: 2309-00127-2

Parameter	CAS #	Result	Reporting Limit	Units	Prep Date	Analysis Date	Time	Analyst
Lead: 7000B	7439-92-1	**150**		mg/kg		9/21/2023		REF

Client ID: OH45671-03 **Date/Time Sampled:** 9/14/2023 / 00 **Received:** 9/14/2023
EAG ID: 2309-00127-3

Parameter	CAS #	Result	Reporting Limit	Units	Prep Date	Analysis Date	Time	Analyst
Lead: 7000B	7439-92-1	**590**		mg/kg		9/21/2023		REF

Client ID: OH45671-04 **Date/Time Sampled:** 9/14/2023 / 00 **Received:** 9/14/2023
EAG ID: 2309-00127-4

Parameter	CAS #	Result	Reporting Limit	Units	Prep Date	Analysis Date	Time	Analyst
Lead: 7000B	7439-92-1	**490**		mg/kg		9/21/2023		REF

Client ID: OH45671-05 **Date/Time Sampled:** 9/14/2023 / 00 **Received:** 9/14/2023
EAG ID: 2309-00127-5

Parameter	CAS #	Result	Reporting Limit	Units	Prep Date	Analysis Date	Time	Analyst
Lead: 7000B	7439-92-1	**630**		mg/kg		9/21/2023		REF

Client ID: OH45671-06 **Date/Time Sampled:** 9/14/2023 / 00 **Received:** 9/14/2023
EAG ID: 2309-00127-6

Parameter	CAS #	Result	Reporting Limit	Units	Prep Date	Analysis Date	Time	Analyst
Lead: 7000B	7439-92-1	**4400**		mg/kg		9/21/2023		REF

Client ID: OH45671-07 **Date/Time Sampled:** 9/14/2023 / 00 **Received:** 9/14/2023
EAG ID: 2309-00127-7

Parameter	CAS #	Result	Reporting Limit	Units	Prep Date	Analysis Date	Time	Analyst
Lead: 7000B	7439-92-1	<47		mg/kg		9/21/2023		REF

EA GROUP
Environmental Analysis and Management

EAG Workorder: 2309-00127

Client Project: Ludlow Elementery School

Client ID: OH45671-08 **Date/Time Sampled:** 9/14/2023 / 00 **Received:** 9/14/2023
EAG ID: 2309-00127-8

Parameter	CAS #	Result	Reporting Limit	Units	Prep Date	Analysis Date	Time	Analyst
Lead: 7000B	7439-92-1	<86		mg/kg		9/21/2023		REF

Client ID: OH45671-09 **Date/Time Sampled:** 9/14/2023 / 00 **Received:** 9/14/2023
EAG ID: 2309-00127-9

Parameter	CAS #	Result	Reporting Limit	Units	Prep Date	Analysis Date	Time	Analyst
Lead: 7000B	7439-92-1	**150**		mg/kg		9/21/2023		REF

Client ID: OH45671-10 **Date/Time Sampled:** 9/14/2023 / 00 **Received:** 9/14/2023
EAG ID: 2309-00127-10

Parameter	CAS #	Result	Reporting Limit	Units	Prep Date	Analysis Date	Time	Analyst
Lead: 7000B	7439-92-1	<48		mg/kg		9/21/2023		REF

Client ID: OH45671-11 **Date/Time Sampled:** 9/14/2023 / 00 **Received:** 9/14/2023
EAG ID: 2309-00127-11

Parameter	CAS #	Result	Reporting Limit	Units	Prep Date	Analysis Date	Time	Analyst
Lead: 7000B	7439-92-1	<49		mg/kg		9/21/2023		REF

Client ID: OH45671-12 **Date/Time Sampled:** 9/14/2023 / 00 **Received:** 9/14/2023
EAG ID: 2309-00127-12

Parameter	CAS #	Result	Reporting Limit	Units	Prep Date	Analysis Date	Time	Analyst
Lead: 7000B	7439-92-1	**2200**		mg/kg		9/21/2023		REF

Client ID: OH45671-13 **Date/Time Sampled:** 9/14/2023 / 00 **Received:** 9/14/2023
EAG ID: 2309-00127-13

Parameter	CAS #	Result	Reporting Limit	Units	Prep Date	Analysis Date	Time	Analyst
Lead: 7000B	7439-92-1	**3500**		mg/kg		9/21/2023		REF

Client ID: OH45671-14 **Date/Time Sampled:** 9/14/2023 / 00 **Received:** 9/14/2023
EAG ID: 2309-00127-14

Parameter	CAS #	Result	Reporting Limit	Units	Prep Date	Analysis Date	Time	Analyst
Lead: 7000B	7439-92-1	**2900**		mg/kg		9/21/2023		REF

EA GROUP
Environmental Analysis and Management

EAG Workorder: 2309-00127

Client Project: Ludlow Elementery School

Client ID: OH45671-15 **Date/Time Sampled:** 9/14/2023 / 00 **Received:** 9/14/2023
EAG ID: 2309-00127-15

Parameter	CAS #	Result	Reporting Limit	Units	Prep Date	Analysis Date	Time	Analyst
Lead: 7000B	7439-92-1	**320**		mg/kg		9/21/2023		REF

Client ID: OH45671-16 **Date/Time Sampled:** 9/14/2023 / 00 **Received:** 9/14/2023
EAG ID: 2309-00127-16

Parameter	CAS #	Result	Reporting Limit	Units	Prep Date	Analysis Date	Time	Analyst
Lead: 7000B	7439-92-1	**200**		mg/kg		9/21/2023		REF

Client ID: OH45671-17 **Date/Time Sampled:** 9/14/2023 / 00 **Received:** 9/14/2023
EAG ID: 2309-00127-17

Parameter	CAS #	Result	Reporting Limit	Units	Prep Date	Analysis Date	Time	Analyst
Lead: 7000B	7439-92-1	<74		mg/kg		9/21/2023		REF

Client ID: OH45671-18 **Date/Time Sampled:** 9/14/2023 / 00 **Received:** 9/14/2023
EAG ID: 2309-00127-18

Parameter	CAS #	Result	Reporting Limit	Units	Prep Date	Analysis Date	Time	Analyst
Lead: 7000B	7439-92-1	**660**		mg/kg		9/21/2023		REF

Client ID: OH45671-19 **Date/Time Sampled:** 9/14/2023 / 00 **Received:** 9/14/2023
EAG ID: 2309-00127-19

Parameter	CAS #	Result	Reporting Limit	Units	Prep Date	Analysis Date	Time	Analyst
Lead: 7000B	7439-92-1	**5500**		mg/kg		9/21/2023		REF

Client ID: OH45671-20 **Date/Time Sampled:** 9/14/2023 / 00 **Received:** 9/14/2023
EAG ID: 2309-00127-20

Parameter	CAS #	Result	Reporting Limit	Units	Prep Date	Analysis Date	Time	Analyst
Lead: 7000B	7439-92-1	**1800**		mg/kg		9/21/2023		REF

Client ID: OH45671-21 **Date/Time Sampled:** 9/14/2023 / 00 **Received:** 9/14/2023
EAG ID: 2309-00127-21

Parameter	CAS #	Result	Reporting Limit	Units	Prep Date	Analysis Date	Time	Analyst
Lead: 7000B	7439-92-1	<160		mg/kg		9/21/2023		REF

EAG Workorder: 2309-00127

Client Project: Ludlow Elementery School

Client ID: OH45671-22 **Date/Time Sampled:** 9/14/2023 / 00 **Received:** 9/14/2023

EAG ID: 2309-00127-22

Parameter	CAS #	Result	Reporting Limit	Units	Prep Date	Analysis Date	Time	Analyst
Lead: 7000B	7439-92-1	**12000**		mg/kg		9/21/2023		REF

Client ID: OH45671-23 **Date/Time Sampled:** 9/14/2023 / 00 **Received:** 9/14/2023

EAG ID: 2309-00127-23

Parameter	CAS #	Result	Reporting Limit	Units	Prep Date	Analysis Date	Time	Analyst
Lead: 7000B	7439-92-1	**14000**		mg/kg		9/21/2023		REF

Client ID: OH45671-24 **Date/Time Sampled:** 9/14/2023 / 00 **Received:** 9/14/2023

EAG ID: 2309-00127-24

Parameter	CAS #	Result	Reporting Limit	Units	Prep Date	Analysis Date	Time	Analyst
Lead: 7000B	7439-92-1	**12000**		mg/kg		9/21/2023		REF

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FIELD REQUEST FOR LABORATORY ANALYSIS

Company Name: SHAKER HTS. CITY SCHOOL DIST.

Address: 15600 PARKLAND DRIVE
CLEVELAND, OHIO 44120

Attention: DAVE BOYER

Customer Number: 0502921

Results Needed By:	9-21-23
Normal: (circled)	**RUSH:**
Priority:	(confirm w/ lab)
Date:	Time:

Telephone: _____ e-mail(s): _____

Sampled by: SCOTT LANDIS

Project Name: LUDLOW ELEMENTARY SCHOOL Project Number OH 4567 1

Rush Authorized by: _____ Project Category: ENV

Special Billing/Reporting: SEND SAMPLES TO EHS

Is this a VAP project requiring VAP lab analysis? ___ YES

Is this a BUSTSR project requiring BUSTR lab analysis? ___ YES

Internal Contact:

CHAIN OF CUSTODY

Relinquished by		Received by	
Name	Date/Time	Name	Date/Time
[signature]	9-14-23/1230	M. Coleman	9/14/23 1600

EA GROUP FIELD OPERATIONS - REQUEST FOR LABORATORY ANALYSIS

Page: 1 of 2

Sample No.	Split ID	Date/Time Collected	Matrix/ Media	Area/Vol. (units)	1	2	3	4	5	6	7	8	9	Comments	VAP? BUSTR?
45671-01		9-14-23	B		X										
-02															
-03															
-04															
-05															
-06															
-07															
-08															
-09															
-10															
-11															
-12															
-13															
-14															
-15															
-16															
-17															
-18															

Media:

A1	Air (25 mm)	A6	Air (impinger)	SL	Sludge/Slurry
A2	Air (37 mm)	B	Bulk	SW	Swab
A3	Air (sorbent)	R/CC	Char. Canister	O	Oil
A4	Air (badge)	R/AT	Alpha track	W	Water/Liquid
A5	Air (bag)	S	Soil	DW	Drinking Water

Sample condition upon receipt:

Intact _____

Not Intact _____

Analytes:

1 LEAD IN PAINT (PPM)

2 _____

3 _____

4 _____

5 _____

6 _____

7 _____

8 _____

9 _____

EA GROUP FIELD OPERATIONS - REQUEST FOR LABORATORY ANALYSIS

Page: 2 of 2

Sample No.	Split ID	Date/Time Collected	Matrix/ Media	Area/Vol. (units)	1	2	3	4	5	6	7	8	9	Comments	VAP? BUSTR?
45671 -19		9-14-23	B		X										
-20															
-21															
-22															
-23															
-24															

Media:

A1	Air (25 mm)	A6	Air (impinger)	SL	Sludge/Slurry
A2	Air (37 mm)	B	Bulk	SW	Swab
A3	Air (sorbent)	R/CC	Char. Canister	O	Oil
A4	Air (badge)	R/AT	Alpha track	W	Water/Liquid
A5	Air (bag)	S	Soil	DW	Drinking Water

Sample condition upon receipt:
Intact _____
Not Intact _____

Analytes:
1 LEAD IN PAINT (PPM)
2 _____
3 _____
4 _____
5 _____
6 _____
7 _____
8 _____
9 _____

CERTIFICATE OF ANALYSIS

Reported by Alloway - Marion

Chain of Custody attached

Lab Project #	2334596
Received:	9/15/2023
Reported:	9/28/2023

EA Group
Attn: Tim Bowen
7118 Industrial Park
Mentor, OH 44060

Date Sampled:	09/12/2023
Sampled By:	CH
Sampled Matrix:	Drinking Water
Containers:	1
Collection Method:	Grab

Project Name: OH45671

Sample ID: OH45671-091223-01W

Lab Sample # 2334596-01

Analyte	Results	Units	PQL	Analyst	Extraction Date	Analysis Start Date/Time
Analytical Method: EPA 200.8 Rev. 5.4	Preparation Method: EPA-200.8				Validation Date: 9/28/2023	
Copper, Total	29	ug/L	10	SLB		09/16/2023 14:46
Lead, Total	31	ug/L	2.0	SLB		09/16/2023 14:46

Analysis Certified By: Rhonda C. Morris

Rhonda C Morris

CERTIFICATE OF ANALYSIS

Reported by Alloway - Marion

Chain of Custody attached

EA Group
Attn: Tim Bowen
7118 Industrial Park
Mentor, OH 44060

Lab Project # 2334596
Received: 9/15/2023
Reported: 9/28/2023
Date Sampled: 09/12/2023
Sampled By: CH
Sampled Matrix: Drinking Water
Containers: 1
Collection Method: Grab

Project Name: OH45671

Sample ID: OH45671-091223-02W

Lab Sample # 2334596-02

Analyte	Results	Units	PQL	Analyst	Extraction Date	Analysis Start Date/Time
Analytical Method: EPA 200.8 Rev. 5.4	Preparation Method: EPA-200.8				Validation Date: 9/28/2023	
Copper, Total	<10	ug/L	10	SLB		09/16/2023 14:46
Lead, Total	3.2	ug/L	2.0	SLB		09/16/2023 14:46

Analysis Certified By: Rhonda C. Morris

Rhonda C Morris

CERTIFICATE OF ANALYSIS

Reported by Alloway - Marion

Chain of Custody attached

Lab Project #	2334596
Received:	9/15/2023
Reported:	9/28/2023

EA Group
Attn: Tim Bowen
7118 Industrial Park
Mentor, OH 44060

Date Sampled:	09/12/2023
Sampled By:	CH
Sampled Matrix:	Drinking Water
Containers:	1
Collection Method:	Grab

Project Name: OH45671

Sample ID: OH45671-091223-03W

Lab Sample # 2334596-03

Analyte	Results	Units	PQL	Analyst	Extraction Date	Analysis Start Date/Time
Analytical Method: EPA 200.8 Rev. 5.4	Preparation Method: EPA-200.8				Validation Date: 9/28/2023	
Copper, Total	76	ug/L	10	SLB		09/16/2023 14:46
Lead, Total	46	ug/L	2.0	SLB		09/16/2023 14:46

Analysis Certified By: Rhonda C. Morris

Rhonda C Morris

CERTIFICATE OF ANALYSIS

Reported by Alloway - Marion

Chain of Custody attached

EA Group
Attn: Tim Bowen
7118 Industrial Park
Mentor, OH 44060

Lab Project #	2334596
Received:	9/15/2023
Reported:	9/28/2023
Date Sampled:	09/12/2023
Sampled By:	CH
Sampled Matrix:	Drinking Water
Containers:	1
Collection Method:	Grab

Project Name: OH45671

Sample ID: OH45671-091223-04W

Lab Sample # 2334596-04

Analyte	Results	Units	PQL	Analyst	Extraction Date	Analysis Start Date/Time
Analytical Method: EPA 200.8 Rev. 5.4	Preparation Method: EPA-200.8				Validation Date: 9/28/2023	
Copper, Total	<10	ug/L	10	SLB		09/16/2023 14:46
Lead, Total	<2.0	ug/L	2.0	SLB		09/16/2023 14:46

Analysis Certified By: Rhonda C Morris

Rhonda C Morris

CERTIFICATE OF ANALYSIS

Reported by Alloway - Marion

Chain of Custody attached

Lab Project #	2334596
Received:	9/15/2023
Reported:	9/28/2023

EA Group
Attn: Tim Bowen
7118 Industrial Park
Mentor, OH 44060

Date Sampled:	09/12/2023
Sampled By:	CH
Sampled Matrix:	Drinking Water
Containers:	1
Collection Method:	Grab

Project Name: OH45671

Sample ID: OH45671-091223-05W

Lab Sample # 2334596-05

Analyte	Results	Units	PQL	Analyst	Extraction Date	Analysis Start Date/Time
Analytical Method: EPA 200.8 Rev. 5.4	Preparation Method: EPA-200.8				Validation Date: 9/28/2023	
Copper, Total	700	ug/L	10	SLB		09/16/2023 14:46
Lead, Total	20	ug/L	2.0	SLB		09/16/2023 14:46

Analysis Certified By: Rhonda C. Morris

Rhonda C Morris

CERTIFICATE OF ANALYSIS

Reported by Alloway - Marion

Chain of Custody attached

Lab Project #	2334596
Received:	9/15/2023
Reported:	9/28/2023

EA Group
Attn: Tim Bowen
7118 Industrial Park
Mentor, OH 44060

Date Sampled:	09/12/2023
Sampled By:	CH
Sampled Matrix:	Drinking Water
Containers:	1
Collection Method:	Grab

Project Name: OH45671

Sample ID: OH45671-091223-06W

Lab Sample # 2334596-06

Analyte	Results	Units	PQL	Analyst	Extraction Date	Analysis Start Date/Time
Analytical Method: EPA 200.8 Rev. 5.4	Preparation Method: EPA-200.8				Validation Date: 9/28/2023	
Copper, Total	99	ug/L	10	SLB		09/16/2023 14:46
Lead, Total	5.7	ug/L	2.0	SLB		09/16/2023 14:46

Analysis Certified By: Rhonda C. Morris

Rhonda C Morris

CERTIFICATE OF ANALYSIS

Reported by Alloway - Marion

Chain of Custody attached

Lab Project #	2334596
Received:	9/15/2023
Reported:	9/28/2023

EA Group
Attn: Tim Bowen
7118 Industrial Park
Mentor, OH 44060

Date Sampled:	09/12/2023
Sampled By:	CH
Sampled Matrix:	Drinking Water
Containers:	1
Collection Method:	Grab

Project Name: OH45671

Sample ID: OH45671-091223-07W

Lab Sample # 2334596-07

Analyte	Results	Units	PQL	Analyst	Extraction Date	Analysis Start Date/Time
Analytical Method: EPA 200.8 Rev. 5.4	Preparation Method: EPA-200.8				Validation Date: 9/28/2023	
Copper, Total	89	ug/L	10	SLB		09/16/2023 14:46
Lead, Total	6.4	ug/L	2.0	SLB		09/16/2023 14:46

Analysis Certified By: Rhonda C. Morris

Rhonda C Morris

CERTIFICATE OF ANALYSIS

Reported by Alloway - Marion

Chain of Custody attached

Lab Project #	2334596
Received:	9/15/2023
Reported:	9/28/2023

EA Group
Attn: Tim Bowen
7118 Industrial Park
Mentor, OH 44060

Date Sampled:	09/12/2023
Sampled By:	CH
Sampled Matrix:	Drinking Water
Containers:	1
Collection Method:	Grab

Project Name: OH45671

Sample ID: OH45671-091223-08W

Lab Sample # 2334596-08

Analyte	Results	Units	PQL	Analyst	Extraction Date	Analysis Start Date/Time
Analytical Method: EPA 200.8 Rev. 5.4	Preparation Method: EPA-200.8				Validation Date: 9/28/2023	
Copper, Total	60	ug/L	10	SLB		09/16/2023 14:46
Lead, Total	<2.0	ug/L	2.0	SLB		09/16/2023 14:46

Analysis Certified By: Rhonda C. Morris

Rhonda C Morris

CERTIFICATE OF ANALYSIS

Reported by Alloway - Marion

Chain of Custody attached

Lab Project #	2334596
Received:	9/15/2023
Reported:	9/28/2023
Date Sampled:	09/12/2023
Sampled By:	CH
Sampled Matrix:	Drinking Water
Containers:	1
Collection Method:	Grab

EA Group
Attn: Tim Bowen
7118 Industrial Park
Mentor, OH 44060

Project Name: OH45671

Sample ID: OH45671-091223-09W

Lab Sample # 2334596-09

Analyte	Results	Units	PQL	Analyst	Extraction Date	Analysis Start Date/Time
Analytical Method: EPA 200.8 Rev. 5.4	Preparation Method: EPA-200.8				Validation Date: 9/28/2023	
Copper, Total	74	ug/L	10	SLB		09/16/2023 14:46
Lead, Total	2.8	ug/L	2.0	SLB		09/16/2023 14:46

Analysis Certified By: Rhonda C. Morris

Rhonda C Morris

CERTIFICATE OF ANALYSIS

Reported by Alloway - Marion

Chain of Custody attached

Lab Project #	2334596
Received:	9/15/2023
Reported:	9/28/2023

EA Group
Attn: Tim Bowen
7118 Industrial Park
Mentor, OH 44060

Date Sampled:	09/12/2023
Sampled By:	CH
Sampled Matrix:	Drinking Water
Containers:	1
Collection Method:	Grab

Project Name: OH45671

Sample ID: OH45671-091223-10W

Lab Sample # 2334596-10

Analyte	Results	Units	PQL	Analyst	Extraction Date	Analysis Start Date/Time
Analytical Method: EPA 200.8 Rev. 5.4	Preparation Method: EPA-200.8				Validation Date: 9/28/2023	
Copper, Total	100	ug/L	10	SLB		09/16/2023 14:46
Lead, Total	3.9	ug/L	2.0	SLB		09/16/2023 14:46

Analysis Certified By: Rhonda C. Morris

Rhonda C Morris

CERTIFICATE OF ANALYSIS

Reported by Alloway - Marion

Chain of Custody attached

Lab Project #	2334596
Received:	9/15/2023
Reported:	9/28/2023

EA Group
Attn: Tim Bowen
7118 Industrial Park
Mentor, OH 44060

Date Sampled:	09/12/2023
Sampled By:	CH
Sampled Matrix:	Drinking Water
Containers:	1
Collection Method:	Grab

Project Name: OH45671

Sample ID: OH45671-091223-11W

Lab Sample # 2334596-11

Analyte	Results	Units	PQL	Analyst	Extraction Date	Analysis Start Date/Time
Analytical Method: EPA 200.8 Rev. 5.4	Preparation Method: EPA-200.8				Validation Date: 9/28/2023	
Copper, Total	120	ug/L	10	SLB		09/16/2023 14:46
Lead, Total	4.6	ug/L	2.0	SLB		09/16/2023 14:46

Analysis Certified By: Rhonda C. Morris

Rhonda C Morris

CERTIFICATE OF ANALYSIS

Reported by Alloway - Marion

Chain of Custody attached

Lab Project #	2334596
Received:	9/15/2023
Reported:	9/28/2023

EA Group
Attn: Tim Bowen
7118 Industrial Park
Mentor, OH 44060

Date Sampled:	09/12/2023
Sampled By:	CH
Sampled Matrix:	Drinking Water
Containers:	1
Collection Method:	Grab

Project Name: OH45671

Sample ID: OH45671-091223-12W

Lab Sample # 2334596-12

Analyte	Results	Units	PQL	Analyst	Extraction Date	Analysis Start Date/Time
Analytical Method: EPA 200.8 Rev. 5.4	Preparation Method: EPA-200.8				Validation Date: 9/28/2023	
Copper, Total	78	ug/L	10	SLB		09/16/2023 14:46
Lead, Total	3.0	ug/L	2.0	SLB		09/16/2023 14:46

Analysis Certified By: Rhonda C. Morris

Rhonda C Morris

CERTIFICATE OF ANALYSIS

Reported by Alloway - Marion

Chain of Custody attached

Lab Project #	2334596
Received:	9/15/2023
Reported:	9/28/2023

EA Group
Attn: Tim Bowen
7118 Industrial Park
Mentor, OH 44060

Date Sampled:	09/12/2023
Sampled By:	CH
Sampled Matrix:	Drinking Water
Containers:	1
Collection Method:	Grab

Project Name: OH45671

Sample ID: OH45671-091223-13W

Lab Sample # 2334596-13

Analyte	Results	Units	PQL	Analyst	Extraction Date	Analysis Start Date/Time
Analytical Method: EPA 200.8 Rev. 5.4	Preparation Method: EPA-200.8				Validation Date: 9/28/2023	
Copper, Total	95	ug/L	10	SLB		09/16/2023 14:46
Lead, Total	4.5	ug/L	2.0	SLB		09/16/2023 14:46

Analysis Certified By: Rhonda C Morris

Rhonda C Morris

CERTIFICATE OF ANALYSIS

Reported by Alloway - Marion

Chain of Custody attached

EA Group
Attn: Tim Bowen
7118 Industrial Park
Mentor, OH 44060

Lab Project #	2334596
Received:	9/15/2023
Reported:	9/28/2023
Date Sampled:	09/12/2023
Sampled By:	CH
Sampled Matrix:	Drinking Water
Containers:	1
Collection Method:	Grab

Project Name: OH45671

Sample ID: OH45671-091223-14W

Lab Sample # 2334596-14

Analyte	Results	Units	PQL	Analyst	Extraction Date	Analysis Start Date/Time
Analytical Method: EPA 200.8 Rev. 5.4	Preparation Method: EPA-200.8				Validation Date: 9/28/2023	
Copper, Total	76	ug/L	10	SLB		09/16/2023 14:46
Lead, Total	3.3	ug/L	2.0	SLB		09/16/2023 14:46

Analysis Certified By: Rhonda C. Morris

Rhonda C Morris

CERTIFICATE OF ANALYSIS

Reported by Alloway - Marion

Chain of Custody attached

Lab Project #	2334596
Received:	9/15/2023
Reported:	9/28/2023
Date Sampled:	09/12/2023
Sampled By:	CH
Sampled Matrix:	Drinking Water
Containers:	1
Collection Method:	Grab

EA Group
Attn: Tim Bowen
7118 Industrial Park
Mentor, OH 44060

Project Name: OH45671

Sample ID: OH45671-091223-15W

Lab Sample # 2334596-15

Analyte	Results	Units	PQL	Analyst	Extraction Date	Analysis Start Date/Time
Analytical Method: EPA 200.8 Rev. 5.4	Preparation Method: EPA-200.8				Validation Date: 9/28/2023	
Copper, Total	480	ug/L	10	SLB		09/16/2023 14:46
Lead, Total	85	ug/L	2.0	SLB		09/16/2023 14:46

Analysis Certified By: Rhonda C. Morris

Rhonda C Morris

CERTIFICATE OF ANALYSIS

Reported by Alloway - Marion

Chain of Custody attached

Lab Project #	2334596
Received:	9/15/2023
Reported:	9/28/2023

EA Group
Attn: Tim Bowen
7118 Industrial Park
Mentor, OH 44060

Date Sampled:	09/12/2023
Sampled By:	CH
Sampled Matrix:	Drinking Water
Containers:	1
Collection Method:	Grab

Project Name: OH45671

Sample ID: OH45671-091223-16W

Lab Sample # 2334596-16

Analyte	Results	Units	PQL	Analyst	Extraction Date	Analysis Start Date/Time
Analytical Method: EPA 200.8 Rev. 5.4	Preparation Method: EPA-200.8				Validation Date: 9/28/2023	
Copper, Total	92	ug/L	10	SLB		09/16/2023 14:46
Lead, Total	4.6	ug/L	2.0	SLB		09/16/2023 14:46

Analysis Certified By: Rhonda C Morris

CERTIFICATE OF ANALYSIS

Reported by Alloway - Marion

Chain of Custody attached

Lab Project #	2334596
Received:	9/15/2023
Reported:	9/28/2023

EA Group
Attn: Tim Bowen
7118 Industrial Park
Mentor, OH 44060

Date Sampled:	09/12/2023
Sampled By:	CH
Sampled Matrix:	Drinking Water
Containers:	1
Collection Method:	Grab

Project Name: OH45671

Sample ID: OH45671-091223-17W

Lab Sample # 2334596-17

Analyte	Results	Units	PQL	Analyst	Extraction Date	Analysis Start Date/Time
Analytical Method: EPA 200.8 Rev. 5.4	Preparation Method: EPA-200.8				Validation Date: 9/28/2023	
Copper, Total	880	ug/L	10	SLB		09/16/2023 14:46
Lead, Total	160	ug/L	2.0	SLB		09/16/2023 14:46

Analysis Certified By: Rhonda C. Morris

Rhonda C Morris

CERTIFICATE OF ANALYSIS

Reported by Alloway - Marion

Chain of Custody attached

Lab Project #	2334596
Received:	9/15/2023
Reported:	9/28/2023

EA Group
Attn: Tim Bowen
7118 Industrial Park
Mentor, OH 44060

Date Sampled:	09/12/2023
Sampled By:	CH
Sampled Matrix:	Drinking Water
Containers:	1
Collection Method:	Grab

Project Name: OH45671

Sample ID: OH45671-091223-18W

Lab Sample # 2334596-18

Analyte	Results	Units	PQL	Analyst	Extraction Date	Analysis Start Date/Time
Analytical Method: EPA 200.8 Rev. 5.4	Preparation Method: EPA-200.8				Validation Date: 9/28/2023	
Copper, Total	140	ug/L	10	SLB		09/16/2023 14:46
Lead, Total	9.9	ug/L	2.0	SLB		09/16/2023 14:46

Analysis Certified By: Rhonda C. Morris

Rhonda C Morris

CERTIFICATE OF ANALYSIS

Reported by Alloway - Marion

Chain of Custody attached

EA Group
Attn: Tim Bowen
7118 Industrial Park
Mentor, OH 44060

Lab Project # 2334596
Received: 9/15/2023
Reported: 9/28/2023
Date Sampled: 09/12/2023
Sampled By: CH
Sampled Matrix: Drinking Water
Containers: 1
Collection Method: Grab

Project Name: OH45671

Sample ID: OH45671-091223-19W

Lab Sample # 2334596-19

Analyte	Results	Units	PQL	Analyst	Extraction Date	Analysis Start Date/Time
Analytical Method: EPA 200.8 Rev. 5.4	Preparation Method: EPA-200.8				Validation Date: 9/28/2023	
Copper, Total	74	ug/L	10	SLB		09/16/2023 14:46
Lead, Total	17	ug/L	2.0	SLB		09/16/2023 14:46

Analysis Certified By: Rhonda C Morris

Rhonda C Morris

CERTIFICATE OF ANALYSIS

Reported by Alloway - Marion

Chain of Custody attached

Lab Project #	2334596
Received:	9/15/2023
Reported:	9/28/2023
Date Sampled:	09/12/2023
Sampled By:	CH
Sampled Matrix:	Drinking Water
Containers:	1
Collection Method:	Grab

EA Group
Attn: Tim Bowen
7118 Industrial Park
Mentor, OH 44060

Project Name: OH45671

Sample ID: OH45671-091223-20W

Lab Sample # 2334596-20

Analyte	Results	Units	PQL	Analyst	Extraction Date	Analysis Start Date/Time
Analytical Method: EPA 200.8 Rev. 5.4	Preparation Method: EPA-200.8				Validation Date: 9/28/2023	
Copper, Total	72	ug/L	10	SLB		09/16/2023 14:46
Lead, Total	3.4	ug/L	2.0	SLB		09/16/2023 14:46

Analysis Certified By: Rhonda C. Morris

Rhonda C Morris

CERTIFICATE OF ANALYSIS

Reported by Alloway - Marion

Chain of Custody attached

Lab Project #	2334596
Received:	9/15/2023
Reported:	9/28/2023

EA Group
Attn: Tim Bowen
7118 Industrial Park
Mentor, OH 44060

Date Sampled:	09/12/2023
Sampled By:	CH
Sampled Matrix:	Drinking Water
Containers:	1
Collection Method:	Grab

Project Name: OH45671

Sample ID: OH45671-091223-21W

Lab Sample # 2334596-21

Analyte	Results	Units	PQL	Analyst	Extraction Date	Analysis Start Date/Time
Analytical Method: EPA 200.8 Rev. 5.4	Preparation Method: EPA-200.8				Validation Date: 9/28/2023	
Copper, Total	55	ug/L	10	SLB		09/16/2023 14:46
Lead, Total	8.9	ug/L	2.0	SLB		09/16/2023 14:46

Analysis Certified By: Rhonda C. Morris

Rhonda C Morris

CERTIFICATE OF ANALYSIS

Reported by Alloway - Marion

Chain of Custody attached

Lab Project #	2334596
Received:	9/15/2023
Reported:	9/28/2023

EA Group
Attn: Tim Bowen
7118 Industrial Park
Mentor, OH 44060

Date Sampled:	09/12/2023
Sampled By:	CH
Sampled Matrix:	Drinking Water
Containers:	1
Collection Method:	Grab

Project Name: OH45671

Sample ID: OH45671-091223-22W

Lab Sample # 2334596-22

Analyte	Results	Units	PQL	Analyst	Extraction Date	Analysis Start Date/Time
Analytical Method: EPA 200.8 Rev. 5.4	Preparation Method: EPA-200.8				Validation Date: 9/28/2023	
Copper, Total	47	ug/L	10	SLB		09/16/2023 14:46
Lead, Total	<2.0	ug/L	2.0	SLB		09/16/2023 14:46

Analysis Certified By: Rhonda C. Morris

Rhonda C Morris

CERTIFICATE OF ANALYSIS

Reported by Alloway - Marion

Chain of Custody attached

Lab Project #	2334596
Received:	9/15/2023
Reported:	9/28/2023

EA Group
Attn: Tim Bowen
7118 Industrial Park
Mentor, OH 44060

Date Sampled:	09/12/2023
Sampled By:	CH
Sampled Matrix:	Drinking Water
Containers:	1
Collection Method:	Grab

Project Name: OH45671

Sample ID: OH45671-091223-23W

Lab Sample # 2334596-23

Analyte	Results	Units	PQL	Analyst	Extraction Date	Analysis Start Date/Time
Analytical Method: EPA 200.8 Rev. 5.4	Preparation Method: EPA-200.8				Validation Date: 9/28/2023	
Copper, Total	230	ug/L	10	SLB		09/16/2023 14:46
Lead, Total	6.3	ug/L	2.0	SLB		09/16/2023 14:46

Analysis Certified By: Rhonda C. Morris

Rhonda C Morris

CERTIFICATE OF ANALYSIS

Reported by Alloway - Marion

Chain of Custody attached

EA Group
Attn: Tim Bowen
7118 Industrial Park
Mentor, OH 44060

Lab Project # 2334596
Received: 9/15/2023
Reported: 9/28/2023
Date Sampled: 09/12/2023
Sampled By: CH
Sampled Matrix: Drinking Water
Containers: 1
Collection Method: Grab

Project Name: OH45671

Sample ID: OH45671-091223-24W

Lab Sample # 2334596-24

Analyte	Results	Units	PQL	Analyst	Extraction Date	Analysis Start Date/Time
Analytical Method: EPA 200.8 Rev. 5.4	Preparation Method: EPA-200.8				Validation Date: 9/28/2023	
Copper, Total	380	ug/L	10	SLB		09/16/2023 14:46
Lead, Total	4.1	ug/L	2.0	SLB		09/16/2023 14:46

Analysis Certified By: Rhonda C. Morris

Rhonda C Morris

CERTIFICATE OF ANALYSIS

Reported by Alloway - Marion

Chain of Custody attached

Lab Project #	2334596
Received:	9/15/2023
Reported:	9/28/2023

EA Group
Attn: Tim Bowen
7118 Industrial Park
Mentor, OH 44060

Date Sampled:	09/12/2023
Sampled By:	CH
Sampled Matrix:	Drinking Water
Containers:	1
Collection Method:	Grab

Project Name: OH45671

Sample ID: OH45671-091223-25W

Lab Sample # 2334596-25

Analyte	Results	Units	PQL	Analyst	Extraction Date	Analysis Start Date/Time
Analytical Method: EPA 200.8 Rev. 5.4	Preparation Method: EPA-200.8				Validation Date: 9/28/2023	
Copper, Total	41	ug/L	10	SLB		09/16/2023 14:46
Lead, Total	<2.0	ug/L	2.0	SLB		09/16/2023 14:46

Analysis Certified By: Rhonda C. Morris

Rhonda C Morris

CERTIFICATE OF ANALYSIS

Reported by Alloway - Marion

Chain of Custody attached

Lab Project #	2334596
Received:	9/15/2023
Reported:	9/28/2023

EA Group
Attn: Tim Bowen
7118 Industrial Park
Mentor, OH 44060

Date Sampled:	09/12/2023
Sampled By:	CH
Sampled Matrix:	Drinking Water
Containers:	1
Collection Method:	Grab

Project Name: OH45671

Sample ID: OH45671-091223-26W

Lab Sample # 2334596-26

Analyte	Results	Units	PQL	Analyst	Extraction Date	Analysis Start Date/Time
Analytical Method: EPA 200.8 Rev. 5.4	Preparation Method: EPA-200.8				Validation Date: 9/28/2023	
Copper, Total	49	ug/L	10	SLB		09/16/2023 14:46
Lead, Total	6.6	ug/L	2.0	SLB		09/16/2023 14:46

Analysis Certified By: Rhonda C. Morris

Rhonda C Morris

CERTIFICATE OF ANALYSIS

Reported by Alloway - Marion

Chain of Custody attached

EA Group
Attn: Tim Bowen
7118 Industrial Park
Mentor, OH 44060

Lab Project #	2334596
Received:	9/15/2023
Reported:	9/28/2023
Date Sampled:	09/12/2023
Sampled By:	CH
Sampled Matrix:	Drinking Water
Containers:	1
Collection Method:	Grab

Project Name: OH45671

Sample ID: OH45671-091223-27W

Lab Sample # 2334596-27

Analyte	Results	Units	PQL	Analyst	Extraction Date	Analysis Start Date/Time
Analytical Method: EPA 200.8 Rev. 5.4	Preparation Method: EPA-200.8				Validation Date: 9/28/2023	
Copper, Total	50	ug/L	10	SLB		09/16/2023 14:46
Lead, Total	15	ug/L	2.0	SLB		09/16/2023 14:46

Analysis Certified By: Rhonda C Morris

Rhonda C Morris

CERTIFICATE OF ANALYSIS

Reported by Alloway - Marion

Chain of Custody attached

Lab Project #	2334596
Received:	9/15/2023
Reported:	9/28/2023

EA Group
Attn: Tim Bowen
7118 Industrial Park
Mentor, OH 44060

Date Sampled:	09/12/2023
Sampled By:	CH
Sampled Matrix:	Drinking Water
Containers:	1
Collection Method:	Grab

Project Name: OH45671

Sample ID: OH45671-091223-28W

Lab Sample # 2334596-28

Analyte	Results	Units	PQL	Analyst	Extraction Date	Analysis Start Date/Time
Analytical Method: EPA 200.8 Rev. 5.4	Preparation Method: EPA-200.8				Validation Date: 9/28/2023	
Copper, Total	32	ug/L	10	SLB		09/16/2023 14:46
Lead, Total	22	ug/L	2.0	SLB		09/16/2023 14:46

Analysis Certified By: Rhonda C. Morris

Rhonda C Morris

Alloway
Your Resource for Defensible Data

Chain of Custody Record

This is a legal document that authorizes Alloway to perform testing on samples submitted under this agreement.

○ 1101 North Cole Street, Lima, OH 45805
(P) 419-223-1362 (F) 419-227-3792
◉ 1776 Marion-Waldo Road, Marion OH 43302
(P) 740-389-5991 (F) 740-389-1481
○ 1502 W. Fourth Street, Mansfield, OH 44906
(P) 419-525-1644 (F) 419-524-5575

1/5

Report To:
Name: Tim Bowen
Company: EA Group
Address: 7118 Industrial Park Blvd. Mentor, Ohio 44060

Invoice To (If Different):
Name:
Company:
Address:

Notes/Comments:
Numbers on all sample bottles carry the prefix OH45671-091223-

Project: 2334596

Phone #: 440-951-3514 Fax #: 440-951-3774
E-mail: tbowen@eagroupohio.com PO#: OH45671
Project Name: OH45671
Sampler: C. Hatfield (Print) (Signature) C Hatfield

Routine ☑

	Customer Sample ID / Sample Location	Sample Date	Sample Time	Composite	Grab	Matrix Code	Number of Containers	Preservation Code #	Analysis Required	Alloway LIMS # For Lab Use Only
1	OH45671-091223-01 W	09/12/23	N/A		X	DW	1	2	Total lead; Total copper	01
2	OH45671-091223-02 W	09/12/23	N/A		X	DW	1	2	Total lead; Total copper	02
3	OH45671-091223-03 W	09/12/23	N/A		X	DW	1	2	Total lead; Total copper	03
4	OH45671-091223-04 W	09/12/23	N/A		X	DW	1	2	Total lead; Total copper	04
5	OH45671-091223-05 W	09/12/23	N/A		X	DW	1	2	Total lead; Total copper	05
6	OH45671-091223-06 W	09/12/23	N/A		X	DW	1	2	Total lead; Total copper	06
7	OH45671-091223-07 W	09/12/23	N/A		X	DW	1	2	Total lead; Total copper	07
8	OH45671-091223-08 W	09/12/23	N/A		X	DW	1	2	Total lead; Total copper	08

	Relinquished by:	Received by:	Date	Time
1	C Hatfield		09/12/23	1615
2				
3				
4				
5				
6				

Received for Laboratory By: (circle one): Mansfield Lima (Marion)
(Signature) [signature] 9/15/23 1140

Method of Delivery: UPS ☐ Fed Ex ☑ Client ☐ Alloway Pick Up ☐ Alloway Sampling ☐ Other ☐

Matrix Codes: ww - wastewater; gw - groundwater; dw - drinking water; sw - surface water; w - water; oil - oil; s - solid; sg - sludge; l - leachate; a - acid; p - product; o - other

Preservation Codes: 1 - None; 2 - HNO_3; 3 - H_2SO_4; 4 - HCl; 5 - NaOH; 6 - NaOH & Zinc Acetate; 7 - Sodium Thiosulfate; 8 - Ascorbic Acid; 9 - Maleic Acid; 10 - EDA; 11 - Ammonium Chloride; 12 - $(NH_4)_2SO_4$ & NH_4OH; 13 - Zinc Acetate; 14 - Sodium Sulfite; 15 - Potassium Dihydrogen Citrate; 16 - Sodium Sulfite/Sodium Bisulfate

Sample Receiving (For Lab Use Only)
Ice Present? Y ☐ N ☒
Proper Preservation? Y ☐ N ☐
Marthos
Container Temperature: 18.8°C

Transported to: Lima (Marion) By: _____ Received By: _____ Date: _____ Time: _____

Transported to: Lima Marion By: _____ Received By: _____ Date: _____ Time: _____

Alloway
Your Resource for Defensible Data

Chain of Custody Record

This is a legal document that authorizes Alloway to perform testing on samples submitted under this agreement.

○ 1101 North Cole Street, Lima, OH 45805
(P) 419-223-1362 (F) 419-227-3792
◉ 1776 Marion-Waldo Road, Marion OH 43302
(P) 740-389-5991 (F) 740-389-1481
○ 1502 W. Fourth Street, Mansfield, OH 44906
(P) 419-525-1644 (F) 419-524-5575

2/5

Report To: Tim Bowen
Name: EA Group
Company: 7118 Industrial Park Blvd.
Address: Mentor, Ohio 44060

Invoice To (If Different):
Name:
Company:
Address:

Notes/Comments:
Numbers on all sample bottles carry the prefix OH45671-091223-

2334596

Phone #: 440-951-3514 **Fax #:** 440-951-3774
E-mail: tbowen@eagroupohio.com **PO#:** OH45671

Project Name: OH45671

Sampler: C. Hatfield (Print) (Signature) C Hatfield

Turnaround: (*Rush Charges May Apply*)
Next Day ☐ 3 Working Days ☐ Routine ☑
2 Working Days ☐ 5 Working Days ☐

	Customer Sample ID / Sample Location	Sample Date	Sample Time	Composite	Grab	Matrix Code	Number of Containers	Preservation Code #	Analysis Required	Alloway LIMS # For Lab Use Only
1	OH45671-091223-09 W	09/12/23	N/A		X	DW	1	2	Total lead; Total copper	09
2	OH45671-091223-10 W	09/12/23	N/A		X	DW	1	2	Total lead; Total copper	10
3	OH45671-091223-11 W	09/12/23	N/A		X	DW	1	2	Total lead; Total copper	11
4	OH45671-091223-12 W	09/12/23	N/A		X	DW	1	2	Total lead; Total copper	12
5	OH45671-091223-13 W	09/12/23	N/A		X	DW	1	2	Total lead; Total copper	13
6	OH45671-091223-14 W	09/12/23	N/A		X	DW	1	2	Total lead; Total copper	14
7	OH45671-091223-15 W	09/12/23	N/A		X	DW	1	2	Total lead; Total copper	15
8	OH45671-091223-16 W	09/12/23	N/A		X	DW	1	2	Total lead; Total copper	16

	Relinquished by:	Received by:	Date	Time
1	C Hatfield		09/12/23	1615
2				
3				
4				
5				
6				

Received for Laboratory By: (circle one): Mansfield Lima **Marion**
(Signature) [signature] 9/15/23 1140

Method of Delivery:
UPS ☐ Fed Ex ☑ Client ☐ Alloway Pick Up ☐ Alloway Sampling ☐ Other ☐

Matrix Codes:
ww - wastewater
gw - groundwater
dw - drinking water
sw - surface water
w - water
oil - oil
s - solid
sg - sludge
l - leachate
a - acid
p - product
o - other

Preservation Codes:
1 - None
2 - HNO_3
3 - H_2SO_4
4 - HCl
5 - NaOH
6 - NaOH & Zinc Acetate
7 - Sodium Thiosulfate
8 - Ascorbic Acid
9 - Maleic Acid
10 - EDA
11 - Ammonium Chloride
12 - $(NH_4)_2SO_4$ & NH_4OH
13 - Zinc Acetate
14 - Sodium Sulfite
15 - Potassium Dihydrogen Citrate
16 - Sodium Sulfite/Sodium Bisulfate

Sample Receiving (*For Lab Use Only*)
Ice Present? Y ☒ N ☒
Proper Preservation? Y ☐ N ☐
Container Temperature: 18.8°C

Transported to: Lima **Marion** By: _____ Received By: _____ Date: _____ Time: _____

Transported to: Lima Marion By: _____ Received By: _____ Date: _____ Time: _____

Alloway
Your Resource for Defensible Data

Chain of Custody Record

This is a legal document that authorizes Alloway to perform testing on samples submitted under this agreement.

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○ 1502 W. Fourth Street, Mansfield, OH 44906
(P) 419-525-1644 (F) 419-524-5575

3/5

Report To: Name: Tim Bowen	**Invoice To (If Different):** Name:
Company: EA Group	Company:
Address: 7118 Industrial Park Blvd. Mentor, Ohio 44060	Address:
Phone #: 440-951-3514 Fax #: 440-951-3774	
E-mail: tbowen@eagroupohio.com PO#: OH45671	
Project Name: OH45671	
Sampler (Print): C. Hatfield (Signature): C Hatfield	

Notes/Comments:

Numbers on all sample bottles carry the prefix OH45671-091223-

2334596

Turnaround: *(Rush Charges May Apply)*

Next Day ☐ 3 Working Days ☐ Routine ☑
2 Working Days ☐ 5 Working Days ☐

	Customer Sample ID / Sample Location	Sample Date	Sample Time	Composite	Grab	Matrix Code	Number of Containers	Preservation Code #	Analysis Required	Alloway LIMS # For Lab Use Only
1	OH45671-091223-17W	09/12/23	N/A		X	DW	1	2	Total lead; Total copper	17
2	OH45671-091223-18W	09/12/23	N/A		X	DW	1	2	Total lead; Total copper	18
3	OH45671-091223-19W	09/12/23	N/A		X	DW	1	2	Total lead; Total copper	19
4	OH45671-091223-20W	09/12/23	N/A		X	DW	1	2	Total lead; Total copper	20
5	OH45671-091223-21W	09/12/23	N/A		X	DW	1	2	Total lead; Total copper	21
6	OH45671-091223-22W	09/12/23	N/A		X	DW	1	2	Total lead; Total copper	22
7	OH45671-091223-23W	09/12/23	N/A		X	DW	1	2	Total lead; Total copper	23
8	OH45671-091223-24W	09/12/23	N/A		X	DW	1	2	Total lead; Total copper	24

	Relinquished by:	Received by:	Date	Time
1	C Hatfield		09/12/23	1615
2				
3				
4				
5				
6				

Method of Delivery: UPS ☐ Fed Ex ☑ Client ☐ Alloway Pick Up ☐ Alloway Sampling ☐ Other ☐

Matrix Codes: ww - wastewater; gw - groundwater; dw - drinking water; sw - surface water; w - water; oil - oil; s - solid; sg - sludge; l - leachate; a - acid; p - product; o - other

Preservation Codes: 1 - None; 2 - HNO_3; 3 - H_2SO_4; 4 - HCl; 5 - NaOH; 6 - NaOH & Zinc Acetate; 7 - Sodium Thiosulfate; 8 - Ascorbic Acid; 9 - Maleic Acid; 10 - EDA; 11 - Ammonium Chloride; 12 - $(NH_4)_2SO_4$ & NH_4OH; 13 - Zinc Acetate; 14 - Sodium Sulfite; 15 - Potassium Dihydrogen Citrate; 16 - Sodium Sulfite/Sodium Bisulfate

Sample Receiving *(For Lab Use Only)*

Ice Present? Y ☐ N ☒

Proper Preservation? Y ☐ N ☐

Container Temperature: 14 cor +10.5 = 18.8°C

Received for Laboratory By: (circle one): Mansfield Lima (Marion)

(Signature) Christine 9/15/23 1140

Transported to: Lima (Marion) By: _____ Received By: _____ Date: _____ Time: _____

Transported to: Lima Marion By: _____ Received By: _____ Date: _____ Time: _____

Alloway
Your Resource for Defensible Data

Chain of Custody Record

This is a legal document that authorizes Alloway to perform testing on samples submitted under this agreement.

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◉ 1776 Marion-Waldo Road, Marion OH 43302
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○ 1502 W. Fourth Street, Mansfield, OH 44906
(P) 419-525-1644 (F) 419-524-5575

4/5

Report To: Tim Bowen
Name: EA Group
Company: 7118 Industrial Park Blvd.
Address: Mentor, Ohio 44060

Invoice To (If Different):
Name:
Company:
Address:

Notes/Comments:
Numbers on all sample bottles carry the prefix OH45671-091223-

2334596

Phone #: 440-951-3514 **Fax #:** 440-951-3774
E-mail: tbowen@eagroupohio.com **PO#:** OH45671

Project Name: OH45671
Sampler (Print): C. Hatfield (Signature): C Hatfield

Turnaround: (*Rush Charges May Apply*)
Next Day ☐ 2 Working Days ☐ 3 Working Days ☐ 5 Working Days ☐ Routine ☑

	Customer Sample ID / Sample Location	Sample Date	Sample Time	Composite	Grab	Matrix Code	Number of Containers	Preservation Code #	Analysis Required	Alloway LIMS # For Lab Use Only
1	OH45671-091223-25W	09/12/23	N/A		X	DW	1	2	Total lead; Total copper	25
2	OH45671-091223-26W	09/12/23	N/A		X	DW	1	2	Total lead; Total copper	26
3	OH45671-091223-27W	09/12/23	N/A		X	DW	1	2	Total lead; Total copper	27
4	OH45671-091223-28W	09/12/23	N/A		X	DW	1	2	Total lead; Total copper	28
5	OH45671-091223-	09/12/23	N/A		X	DW	1	2	Total lead; Total copper	
6	OH45671-091223-	09/12/23	N/A		X	DW	1	2	Total lead; Total copper	
7	OH45671-091223-	09/12/23	N/A		X	DW	1	2	Total lead; Total copper	
8	OH45671-091223-	09/12/23	N/A		X	DW	1	2	Total lead; Total copper	

	Relinquished by:	Received by:	Date	Time
1	C Hatfield		09/12/23	1615
2				
3				
4				
5				
6				

Method of Delivery: UPS ☐ Fed Ex ☑ Client ☐ Alloway Pick Up ☐ Alloway Sampling ☐ Other ☐

Matrix Codes: ww - wastewater; gw - groundwater; dw - drinking water; sw - surface water; w - water; oil - oil; s - solid; sg - sludge; l - leachate; a - acid; p - product; o - other

Preservation Codes: 1 - None; 2 - HNO_3; 3 - H_2SO_4; 4 - HCl; 5 - NaOH; 6 - NaOH & Zinc Acetate; 7 - Sodium Thiosulfate; 8 - Ascorbic Acid; 9 - Maleic Acid; 10 - EDA; 11 - Ammonium Chloride; 12 - $(NH_4)_2SO_4$ & NH_4OH; 13 - Zinc Acetate; 14 - Sodium Sulfite; 15 - Potassium Dihydrogen Citrate; 16 - Sodium Sulfite/Sodium Bisulfate

Sample Receiving (*For Lab Use Only*)
Ice Present? Y ☐ N ☒
Proper Preservation? Y ☐ N ☐
Container Temperature: Mar+10 18.8 C

Received for Laboratory By: (circle one): Mansfield Lima (Marion)
(Signature): Clint — 9/15/23 — 1140

Transported to: Lima (Marion) By: _____ Received By: _____ Date: _____ Time: _____

Transported to: Lima Marion By: _____ Received By: _____ Date: _____ Time: _____

5/5

Form 6002-2

Project # 23 34596 Cooler Temp 18.8 C° Analyst: CWM

	Sample ID	Metals (HNO3) pH		(H2SO4) pH - (EXCLUDES O&G)			Cyanide (NaOH) pH		Cyanide Chlorine check	
		Bottle A	Bottle B	Bottle A	Bottle B	Bottle C	Bottle A	Bottle B	Bottle A	Bottle B
1	01	<2								
2	02									
3	03									
4	04									
5	05									
6	06									
7	07									
8	08									
9	09									
10	10									
11	11									
12	12									
13	13									
14	14									
15	15									
16	16									
17	17									
18	28									
19	19									
20	20									
21	21									
22	22									
23	23									
24	24									
25	25									
26	26									
27	27									
28	28	+								
29										
30										