



ASBESTOS AND REGULATED WASTE INSPECTION REPORT

Chisago County Jail Buildings 109/111 North Main Street Chisago, MN 55012

AET Project No. P-0013158

Report Date: October 14, 2022



Prepared for:

TKDA 444 Cedar Street, Suite 1500 St. Paul, MN 55101

Geotechnical • Materials
Forensic • Environmental
Building Technology
Petrography/Chemistry

American Engineering Testing

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October 14, 2022

TKDA 444 Cedar Street, Suite 1500 St. Paul, MN 55101

Attn: Mr. Brett Morse, PE, Government Market Manager

RE: Asbestos and Regulated Waste Inspection Report

Chisago County Jail Buildings 109/111 North Main Street Chisago, MN 55012

AET Project No. P-0013073

Dear Mr. Morse:

American Engineering Testing, Inc. has completed the enclosed report of Asbestos and Regulated Waste Inspection services for the Chisago Conty Jail Buildings located in Center City, Minnesota. This service was performed in accordance with our proposal agreement No. P-0013158.

We appreciate the opportunity to have been of service to you on this project. If you have any questions regarding the information presented in this Asbestos and Regulated Waste Inspection Report or if we can be of additional assistance, please contact me.

Sincerely,

American Engineering Testing, Inc.

Bruce A. Boehm Carlson

Sr. Environmental Project Manager

Phone: (651) 999-1387

E-mail: bboehmcarlson@teamAET.com

Enclosure



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EXECUTIVE SUMMARY

American Engineering Testing, Inc. (AET) was authorized by TKDA (Client) to conduct an asbestos and regulated waste inspection of the Chisago County Jail Buildings located at 109/111 North Main Street, Center City, Minnesota (Site). The purpose for the asbestos and regulated waste inspection was to identify, sample and quantify suspect asbestos-containing building materials (ACBMs) as required by the U.S. Environmental Protection Agency (EPA) and Minnesota Department of Health (MDH). AET also identified regulated wastes referenced in the Pre-Demolition Environmental Checklist and Guide prepared by the Minnesota Pollution Control Agency (MPCA). In case the concrete and steel at the 111 Building was being considered for recycling, AET also tested painted/coated concrete and metal surfaces for lead content and tested the caulking for polychlorinated biphenyl (PCB) content. Services performed by AET were conducted in accordance with our Proposal No. P-0013158.

Bruce A. Boehm Carlson, a certified MN Asbestos Building Inspector and Lead Risk Assessor, completed the inspection on September 7 and 9, 2022. AET collected a total of 92 samples of suspect ACBM, tested 37 painted/coated concrete and metal surfaces for lead content, tested four types of caulking for PCB content, and identified numerous individual items of regulated wastes at the Site.

AET included the asbestos samples for both buildings in one sample set; however, we identified the samples for the 109 N. Main St. (House) building by including an "H" in the sample number. The samples numbers are written as ###-XXX-A. The samples for the 190 Building (House) will look similar but will have an "H" in the position indicated, ###-<u>H</u>XX-A. If there is no "H" in that position the sample is from the 111 N. Main St. (Jail) building.

The following materials were found to contain greater than 1% asbestos:

- Sample 310-HW-A, Photo 3: 12" white floor tile and black mastic in the 109 (House) building
 was found to contain 3% chrysotile asbestos in the mastic only, the tile DOES NOT contain
 asbestos. Approximately 180 square feet (SF) was identified in the House Floor 02 Room 03.
- Sample 311-HBRS-A, Photo 4: 9" white floor tile and black mastic in the 109 (House) building
 was found to contain 3% chrysotile asbestos in the mastic only, the tile DOES NOT contain
 asbestos. Approximately 128 total SF was identified in the House Floor 02 Rooms 01 (56 SF)
 and 02 (72 SF).
- Sample 324-HG-A, Photo 5: Gray cement board in the 109 (House) building was found to contain 15% chrysotile asbestos. Approximately 513 total SF was identified in the House Basement Rooms 01 (397 SF), 02 (30 SF), 03 (30 SF), 05 (16 SF), and 06 (40 SF).
- Sample 509-HB-A, Photo 6: Black adhesive in the 109 (House) building was found to contain 2% chrysotile asbestos. Approximately 560 total SF was identified in the House Floor 01 Room 01.



- Sample 509-HBG-A, Photo 7: Beige adhesive in the 109 (House) building was found to contain 3% chrysotile asbestos. Approximately 1,160 total SF was identified in the House Floor 01 Rooms 01 (560 SF), and 03 (600 SF).
- Sample 536-BR-A, Photo 8: Brown rubber flooring and black mastic in the 111 (Jail) building
 was found to contain 3% chrysotile asbestos in the mastic only, the rubber flooring DOES NOT
 contain asbestos. Approximately 150 total SF was identified in the Jail Floor 01 Room 150.

These asbestos-containing materials must be removed by a licensed asbestos abatement company using certified supervisors and workers prior to commencing renovation activities.

The remaining materials that were sampled and tested were found to **not contain** asbestos.

The following painted/coated metal surfaces were found to contain greater than 1 milligram per square centimeter (mg/cm²) lead:

- Tests 15, 23, 25, 26, and 33 Photos 9 and 10 White paint on metal doors and door frames in the 111 (Jail) building were found to contain between 1.60 and 2.10 mg/cm² lead. Approximately 45 SF per each door and approximately 9 SF per each door frame exists in the building.
- Test 35 Photo 11 White paint on metal window frames in the 111 (Jail) building were found to contain 2.40 mg/cm² lead. Approximately 5 SF per each of the white metal window frames exist in the building.
- Test 36 Photo 12 Light green paint on metal window frames in the 111 (Jail) building were found to contain 3.20 mg/cm² lead. Approximately 53 SF per each of the light green metal window frames exist in the building.

The lead containing materials must be removed and properly disposed of by Environmental Protection Agency (EPA) Lead Renovation, Repair and Painting (RRP) trained and certified personnel OR by a MDH licensed lead abatement contractor utilizing licensed supervisors and workers.

The remaining materials that were tested were found to <u>not contain</u> lead above the regulated limit of 1.0 mg/cm².

None of the caulking that was sampled and tested was found to contain concentrations of PCBs above the regulated concentration of one milligram per kilogram (mg/kg). Therefore, no further action is required related to the caulking which was tested for PCB content.

Salvage, reuse, recycle or properly dispose of the numerous regulated waste materials identified at the Site prior to commencing with renovation activities.



Complete and submit the Notifications of Intent to Perform Asbestos Abatement and/or Demolition forms to the MPCA and MDH. The MPCA requires a 10-working day notification period and the MDH requires a 5-calendar day notification prior to commencing with renovation/demolition activities.

If untested suspect asbestos-containing materials or potential lead containing paints/coatings are identified during renovation, do not disturb the materials, and contact AET for consultation or follow-up testing. Notify the general contractor of the location and quantity of asbestos and regulated waste items at the Site.



1.0 INTRODUCTION

1.1 Purpose

This report presents the results of the asbestos and regulated waste Inspection performed at the Chisago County Jail Buildings located at 109/111 North Main Street, Center City, Minnesota (Site). American Engineering Testing, Inc. (AET) completed the inspection at the request TKDA (Client). The inspection was performed to facilitate demolition of the structures.

The purpose for the asbestos and regulated waste inspection was to identify, sample and quantify suspect asbestos-containing building materials (ACBMs) as required by the Environmental Protection Agency (EPA), test the various painted/coated surfaces for lead content, and identify regulated wastes according to the Minnesota Pollution Control Agency's (MPCA) Pre-Demolition Environmental Checklist and Guide.

1.2 Scope of Inspection

AET's scope of services included the following tasks:

- Conduct a visual inspection for the presence of ACBM.
- Collect representative bulk samples of suspect ACBMs for analysis.
- Submit the bulk samples of suspect materials to an accredited National Voluntary Laboratory Accreditation Program (NVLAP) laboratory for analysis of asbestos content. Laboratory certifications can be found in Appendix G.
- Identify and quantify items that potentially contain regulated waste materials such as mercury, polychlorinated biphenyls (PCBs), chlorofluorocarbons (CFCs), and other materials that need to be removed from the building prior to demolition. These items include, but are not limited to, thermostats, switches, fluorescent lights, batteries, transformers, light ballasts, refrigeration units, chillers, and door closers.
- Test painted metal and concrete surfaces at the 111 (Jail) building utilizing a portable x-ray fluorescence (XRF) analyzer to determine lead content for recycling purposes.
- Sample and test caulking on metal and concrete items at the 111 (Jail) building that may be recycled.
- Prepare a final report summarizing the results of the assessment.

1.3 Limitations

No limitations to access were encountered.



2.0 ASBESTOS AND REGULATED WASTE INSPECTION PROCEDURES

2.1 General Information

The Inspection was conducted during September 7 and 9, 2022 by Mr. Bruce A. Boehm Carlson, a Minnesota certified Asbestos Building Inspector and Lead Risk Assessor (Al8033, LR2789). AET collected a total of 92 samples of suspect ACBM, tested 37 painted/coated concrete and metal surfaces for lead content, tested four types of caulking for PCB content, and identified numerous individual items of regulated wastes at the Site.

Suspect asbestos inspection, sampling and analytical procedures were performed in accordance with Minnesota Rules 4620.3000 – 4620.3724; EPA Asbestos Hazard Emergency Response Act (AHERA) 40 CFR Part 763, Subpart E; EPA National Emission Standard for Hazardous Air Pollutants (NESHAP), 40 CFR Part 61; and the Occupational Safety and Health Administration (OSHA) rules and regulations, Asbestos Standards for General Industry 29 CFR 1910.1001 and Asbestos Standards for the Construction Industry 29 CFR 1926.1101.

Asbestos samples were analyzed utilizing polarized light microscopy (PLM) by Eurofins EMLab P&K, a NVLAP accredited laboratory (NVLAP Lab No. 200844-0). Other potential regulated wastes were inventoried according to the MPCA Pre-Demolition Environmental Checklist and Guide.

Potential lead-containing paint sampling and analytical procedures were performed in accordance with the U.S. Department of Housing and Urban Development (HUD), the EPA and the OSHA. Testing was conducted utilizing a Niton portable XRF analyzer.

Potential PCB containing caulk sampling and analytical procedures were performed in accordance with EPA procedures. Samples were analyzed by Legend Technical Services, Inc., a NELAC accredited laboratory (NELAC Lab No.: 027-123-295).

Other potential regulated wastes were inventoried according to the MPCA Pre-Demolition Environmental Checklist and Guide.

2.2 Function of Inspection

The EPA NESHAP requires building owners to inspect for ACBM in areas of a building where renovation or demolition will take place. The MPCA regulates the removal and disposal of regulated waste as outlined in the MPCA Pre-Demolition Environmental Checklist and Guide.

All manufactured and some natural products are considered suspect ACBM. Materials that are considered to be non-suspect are wood, metal, glass, and fiberglass. Prior to renovation or demolition of a building, all regulated friable ACBM must be removed from the affected area. In addition, non-friable materials, which are in a damaged condition or are likely to become friable during the process of



renovation or demolition also require removal. Non-friable materials, which are in good condition at the time of inspection and most likely will not become friable during demolition may, under certain circumstances, remain in place prior to demolition. EPA and OSHA define any building material which contains greater than one percent asbestos to be asbestos-containing material. It is also required to point-count by PLM the percent asbestos in friable asbestos-containing material (ACM) estimated to contain less than one percent asbestos.

The MPCA regulates the removal and disposal of regulated waste, as outlined in the MPCA Pre-Demolition Environmental Checklist and Guide. This also includes delaminating lead-based paint and PCB-containing caulk.

Delaminating lead-based paint is no longer required to be scraped or stabilized if the building is being demolished; however, all chips/debris and waste materials must be collected, properly containerized, and properly disposed of at an approved landfill. HUD and the EPA identify lead-based paint as any paint, varnish, shellac, or other coating that contains lead concentrations equal or greater than one milligram per square centimeter (1.0 mg/cm²), 0.5 % by weight or 5,000 parts per million (ppm). OSHA recognizes lead-based paint as paint that contains any detectable amount of lead.

All caulking which will be impacted as part of a renovation must be sampled and tested for PCB content. If the caulking contains PCBs and is to be impacted during renovation it must be removed and disposed of following all applicable federal and state regulations.

- Caulk containing PCBs at or greater than 50 ppm is considered hazardous waste.
- Caulk containing PCBs between 1.1 and 49.99 ppm is considered industrial solid waste.
 - If the caulk remains adhered to a substrate/structure the waste may be disposed of as demolition debris. If the results are 2 ppm or greater the demolition landfill must address PCB caulk material in its Industrial Solid Waste Management Plan.
 - If the caulk is removed from the substrate the waste must go as municipal or industrial waste and not as demolition debris.
- Caulk containing PCBs below 1 ppm is not considered regulated waste.

We recommend contacting the landfill prior to disposal to confirm acceptance of the wastes.

3.0 ASBESTOS AND REGULATED WASTE INSPECTION RESULTS

3.1 Asbestos-Containing Materials

See Figures 1 through 8 for the locations of the asbestos samples. See Table 1 for a summary of the materials that contain asbestos, Table 2 for a summary of the materials that do not contain asbestos. Please see Appendix B for all material locations. The asbestos analytical laboratory report is included in



Appendix C. Photographs are included in Appendix F. Laboratory credentials are included in Appendix G. Personnel certifications are included in Appendix H.

AET included the asbestos samples for both buildings in one sample set; however, we identified the samples for the 109 N. Main St. (House) building by including an "H" in the sample number. The samples numbers are written as ###-XXX-A. The samples for the 190 Building (House) will look similar but will have an "H" in the position indicated, ###-<u>H</u>XX-A. If there is no "H" in that position the sample is from the 111 N. Main St. (Jail) building.

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These asbestos-containing materials must be removed by a licensed asbestos abatement company using certified supervisors and workers prior to commencing renovation activities.

The remaining materials that were sampled and tested were found to **not contain** asbestos.

Complete and submit the Notifications of Intent to Perform Asbestos Abatement and/or Demolition forms to the MPCA and MDH. The MPCA requires a 10-working day notification period and the MDH requires a 5-calendar day notification prior to commencing with renovation/demolition activities.



3.2 Regulated Wastes

AET inventoried the regulated wastes at the Site and tested the concrete and metal painted/coated surfaces for lead content and sampled and tested the caulking on metal and concrete for PCB content in preparation for potential recycling. A summary of the lead containing paints/coatings is provided in Table 3. A summary of the non-lead containing paints/coatings is provided in Table 4. A summary of the non-PCB containing caulking is provided in Table 5. A summary of the regulated waste materials is provided in Table 6. Please see Appendix B for all material locations. The lead paint/coating and PCB in caulking test/sample results are included in Appendix D. Photographs are included in Appendix F. Laboratory and equipment certificates are included in Appendix G. Personnel certifications are included in Appendix H.

The following painted/coated metal surfaces were found to contain greater than 1 milligram per square centimeter (mg/cm²) lead:

- Tests 15, 23, 25, 26, and 33 Photos 9 and 10 White paint on metal doors and door frames in the 111 (Jail) building were found to contain between 1.60 and 2.10 mg/cm² lead. Approximately 45 SF per each door and approximately 9 SF per each door frame exists in the building.
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The lead containing materials must be removed and properly disposed of by Environmental Protection Agency (EPA) Lead Renovation, Repair and Painting (RRP) trained and certified personnel OR by a MDH licensed lead abatement contractor utilizing licensed supervisors and workers.

The remaining materials that were tested were found to <u>not contain</u> lead above the regulated limit of 1.0 mg/cm².

None of the caulking that was sampled and tested was found to contain concentrations of PCBs above the regulated concentration of one milligram per kilogram (mg/kg). Therefore, no further action is required related to the caulking which was tested for PCB content.

Salvage, reuse, recycle or properly dispose of the numerous regulated waste materials identified at the Site prior to commencing with renovation activities.

4.0 RECOMMENDATIONS

Based on the results of this investigation, AET recommends the following:



- The facility owners must notify employees, tenants, contractors, and vendors working in the building of the presence, quantity, and location of identified ACBM and lead containing paints/coatings.
- Prior to commencing renovation/demolition activities conduct the following:
 - Utilize a licensed asbestos abatement company with certified supervisors and workers to remove the ACBM listed in Section 3.1.
 - Utilize EPA Lead RRP trained and certified contractors or a MDH licensed lead abatement contactor with licensed supervisors and workers to manage the painted/coated surfaces throughout the 111 (Jail) building, in accordance with Federal and State regulations, if the lead containing metal components are going to be recycled.
- Salvage, reuse, recycle or properly dispose of the numerous regulated objects identified at the Site prior to commencing with demolition activities.
- Complete and submit the Notifications of Intent to Perform Asbestos Abatement and/or Demolition forms to the MPCA and MDH. The MPCA requires a 10-working day notification period and the MDH requires a 5-calendar day notification prior to commencing with renovation activities. The form is available at: https://www.pca.state.mn.us/sites/default/files/w-sw4-21.pdf.
- Obtain all required local permits.
- Prepare a general environmental contingency management plan for addressing potential situations that may arise during the renovation project. Example contingencies might include management of petroleum, management of spilled fluids or other unknown regulated items encountered during the demolition and Site excavation.
- During the demolition activities, if additional suspect asbestos containing materials are discovered, do not disturb the materials, and contact AET for consultation or follow-up testing.

5.0 GENERAL REMARKS

5.1 Standard of Care

Bulk asbestos, lead and PCB testing, collection and analysis was conducted in accordance with EPA and the MDH required methodology. Other potential regulated wastes were inventoried per the MPCA Pre-Demolition Environmental Checklist and Guide.

This report summarizes the results of the inspection completed by AET. This inspection and review of the subject property has been limited in scope in that it was undertaken with the knowledge that visual observations and random sampling methods alone might not reveal the presence, full nature, and extent of all ACBM, lead paint, PCB caulk and other regulated wastes in the building. **AET makes no representations as to the asbestos, lead or PCB content of materials not sampled or that were not accessible to our inspector(s) (i.e., between walls, beneath floors, in sealed pipe chases,**



etc.). The ACBM, lead paint, PCB caulk and other regulated wastes sample locations and building dimensions were visually estimated. Therefore, the sample locations, building dimensions and approximate square footages of ACBM, lead paint and PCB caulk should be considered accurate only to the degree implied by the methods used.

This asbestos and regulated wastes inspection is not intended to be the sole basis for asbestos, lead paint, PCB caulk and regulated waste removal bids. Confirmation of the presence, condition, and quantity of the ACBM's, lead paints, PCB containing caulk and other regulated waste should be conducted by prospective removal contractors prior to accepting removal bids. This report is provided for the exclusive use of the client noted on the cover page and is subject to the terms and conditions in the applicable contract between the Client and AET. The Client is the only party to whom AET has explained the limitations of this inspection and has been involved in the shaping of the scope of services. Any third-party review of this report will be subject to the terms and conditions governing contractual work between the Client and AET. The unauthorized use of, reliance on, or release of information contained in this report, without the expressed written consent of the Client is strictly prohibited and will be without risk or liability.

The services performed by AET on this project have been conducted with a level of care and skill that meets or exceeds industry standards set by reputable members of the profession, practicing in the same locality under similar budget and time constraints. **This inspection does not guarantee all ACBM, lead paint, PCB caulk or other regulated waste were found.**

5.2 Certifications

I, the undersigned, do hereby certify that I am an accredited Asbestos Inspector and Lead Risk Assessor in the State of Minnesota, certified by the Minnesota Department of Health, Nos. Al8033 and LR2789. A photocopy of my current asbestos inspector and lead risk assessor certifications is included in Appendix H.

Report Authored By:

Bruce A. Boehm Carlson

Senior Environmental Project Manager

Phone: (651) 999-1387

Email: bboehmcarlson@teamaet.com

Tables

AET Project No. P-0013158 Tables 1 of 67

Table 1 - Summary of Asbestos Containing Building Materials

Client Name: TKDA

Project Number: P-0013158

Project Manager: Bruce A. Boehm Carlson

Sample Set Name: 1

Building Number: 109/111

Building Name Chisago County Jail Buildings Building Address 1: 109/111 North Main Street

Building Address 2:

City, State Zip: Center City, MN 55012

Area	Material	Material ID Description	Material	Asbestos	Quantity	Lead	Physical		Dama	age		Cond	AHERA
Location	ID	Subcategory Description	Code	Content		Paint	Assessment:		Poten	tial:		Rating	Rating
Room Number	Subcat ID						Friability Condition	Water	Air	Vib	Acc		
House	324	Cement Board/Pipe	М	YES	397 SF		Non-Friable						
Basement	HG	House Gray											
01													
Notes: Located in th	e House Basem	ent Rms. 01 (397 SF), 02 (3	O SF), 03 (3	0 SF), 05 (16 SF), and	06 (40	SF) for an approximate	total of 5	513 SF.				
House	324	Cement Board/Pipe	М	YES	30 SF		Non-Friable						
Basement	HG	House Gray											
02													
Notes: Located in th	e House Basem	ent Rms. 01 (397 SF), 02 (3	O SF), O3 (3	0 SF), 05 (16 SF), and	06 (40	SF) for an approximate	total of 5	513 SF.				
House	324	Cement Board/Pipe	М	YES	30 SF		Non-Friable						
Basement	HG	House Gray											
03		·											
Notes: Located in th	e House Basem	ent Rms. 01 (397 SF), 02 (3	O SF), 03 (3	0 SF), 05 (16 SF), and	06 (40	SF) for an approximate	total of 5	13 SF.				
House	324	Cement Board/Pipe	М	YES	16 SF		Non-Friable						
Basement	HG	House Gray											
05													
Notes: Located in th	e House Basem	ent Rms. 01 (397 SF), 02 (3	O SF), O3 (3	0 SF), 05 (16 SF), and	06 (40	SF) for an approximate	total of 5	513 SF.				
House	324	Cement Board/Pipe	М	YES	40 SF		Non-Friable						
Basement	HG	House Gray											
06		•											
Notes: Located in th	e House Basem	ent Rms. 01 (397 SF), 02 (3	O SF), O3 (3	0 SF), 05 (16 SF), and	06 (40	SF) for an approximate	total of 5	513 SF.				
House	509	Adhesive	М	YES	560 SF		Non-Friable						
	НВ	House Black											
Floor 01	110	HOUSE DIUCK											
	110	House Black											

Thursday, October 13, 2022 11:48:41 AM American Engineering
Testing, Inc.
550 Cleveland Avenue North
St. Paul, MN 55114

AET Project No. P-0013158 Tables 2 of 67

Client Name: TKDA

Project Number: P-0013158

Project Manager: Bruce A. Boehm Carlson

Sample Set Name: 1

Building Number: 109/111

Building Name Chisago County Jail Buildings
Building Address 1: 109/111 North Main Street

Building Address 2:

Location Room Number	Material ID Subcat ID	Material ID Description Subcategory Description	Material Code	Asbestos Content	Quantity	Lead Paint	Physical Assessment: Friability Condition	Water	Dama Poten Air	tial:	Acc	Cond Rating	AHERA Rating
House	509	Adhesive	М	YES	560 SF		Non-Friable						
Floor 01	HBG	House Beige											
01		•											
Notes: Located on	the walls in the H	louse Fl. 01 Rms. 01 (560 SF	and 03 (600 SF) for	an approx	imate t	otal of 1,160 SF.						
House	509	Adhesive	М	YES	560 SF		Non-Friable						
Floor 01	HBG	House Beige											
03													
Notes: Located on	the walls in the H	louse Fl. 01 Rms. 01 (560 SF	and 03 (600 SF) for	an approx	imate t	otal of 1,160 SF.						
House	311	9x9 Floor Tile & Mastic	М	YES	56 EA		Friable					7	7
loor 02	HBRS	House Brown w/ Spots											
01													
Notes: Located in H	louse Fl 02 Rms	01 (56 SE) and 02 (72 SE0 fo	or an annr	ovimata t	stal of 120	CF 0~	v the mastic contains a	hactac					
	1003C 1 1: 02 1(1113.	01 (30 31) and 02 (72 31 0 10	or arrappi	Uxilliate to)(a) () 126	or. Uni	y the mastic contains as	nesius.					
	311	9x9 Floor Tile & Mastic	<u>М</u>	YES	72 EA	SF. UIII	Friable	bestos.				7	7
House						Sr. Uni		bestos.				7	7
House Floor 02	311	9x9 Floor Tile & Mastic				sr. On		bestos.				7	7
House Floor 02 02	311 HBRS	9x9 Floor Tile & Mastic	М	YES	72 EA		Friable					7	7
House Floor 02 02 Notes: Located in H	311 HBRS	9x9 Floor Tile & Mastic House Brown w/ Spots	М	YES	72 EA		Friable					7	7
House Floor 02 02 Notes: Located in F House	311 HBRS House Fl. 02 Rms.	9x9 Floor Tile & Mastic House Brown w/ Spots 01 (56 SF) and 02 (72 SF0 fo	M or an appr	YES	72 EA		Friable y the mastic contains as						
House Floor 02 02 Notes: Located in F House Floor 02	311 HBRS House Fl. 02 Rms. 310	9x9 Floor Tile & Mastic House Brown w/ Spots 01 (56 SF) and 02 (72 SF0 for 12x12 Floor Tile & Mastic	M or an appr	YES	72 EA		Friable y the mastic contains as						
House Floor 02 02 Notes: Located in H House Floor 02	311 HBRS House Fl. 02 Rms. 310	9x9 Floor Tile & Mastic House Brown w/ Spots 01 (56 SF) and 02 (72 SF0 for 12x12 Floor Tile & Mastic House White	M or an appr	YES	72 EA		Friable y the mastic contains as						
House Floor 02 D2 Notes: Located in H House Floor 02	311 HBRS House Fl. 02 Rms. 310 HW	9x9 Floor Tile & Mastic House Brown w/ Spots 01 (56 SF) and 02 (72 SF0 for 12x12 Floor Tile & Mastic House White	M or an appr	YES	72 EA		Friable y the mastic contains as						
House Floor 02 Notes: Located in F House Floor 02 03 Notes: Only the ma	311 HBRS House Fl. 02 Rms. 310 HW	9x9 Floor Tile & Mastic House Brown w/ Spots 01 (56 SF) and 02 (72 SF0 for 12x12 Floor Tile & Mastic House White	M or an appr M	YES T oximate to YES	72 EA otal of 128 180 SF		Friable y the mastic contains as Friable						
House Floor 02 Notes: Located in House Floor 02 Notes: Only the ma	311 HBRS House Fl. 02 Rms. 310 HW estic contains ask	9x9 Floor Tile & Mastic House Brown w/ Spots 01 (56 SF) and 02 (72 SF0 for 12x12 Floor Tile & Mastic House White pestos. Rubber Flooring	M or an appr M	YES T oximate to YES	72 EA otal of 128 180 SF		Friable y the mastic contains as Friable						

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Table 2 - Summary of Non-Asbestos Containing Building Materials

Client Name: TKDA

Project Number: P-0013158

Project Manager: Bruce A. Boehm Carlson

Sample Set Name: 1

Building Number: 109/111

Building Name Chisago County Jail Buildings Building Address 1: 109/111 North Main Street

Building Address 2:

Area	Material	Material ID Description		Asbestos Quantity	Lead	Physical		Dam	_		Cond	AHERA
Location Room Number	ID Subcat ID	Subcategory Description	Code	Content	Paint	Assessment: Friability Condition	Water	Poter Air		Acc	Rating	Rating
House	109	Plaster	S	ND		Friable					7	7
Basement	HWC	House Walls and Ceilings										
01												
Notes: Located thro	ughout the hou	se.										
House	108	Stucco	S	ND		Non-Friable						
Exterior	HW	House White										
Notes:												
House	321	Caulk	М	ND		Non-Friable						
Exterior	HC	House Clear										
Notes: Located on a	nd in the house	•										
House	321	Caulk	М	ND		Non-Friable						
Exterior	HW	House White										
Notes: Located on a	nd in the house	•										
House	335	Glazing	М	ND		Friable					7	7
Exterior	HW	House White										
Notes: Located on a	ll the house wir	ndows.										
House	430	Tar	М	ND		Non-Friable						
Exterior	НВ	House Black										
Notes:												

Project Number: P-0013158

Project Manager: Bruce A. Boehm Carlson

Sample Set Name: 1

Building Number: 109/111

Building Name Chisago County Jail Buildings Building Address 1: 109/111 North Main Street

Building Address 2:

City, State Zip: Center City, MN 55012

Area Location	Material ID	Material ID Description Subcategory Description	Material Code	Asbestos Quantity Content	Lead Paint	Physical Assessment:		Dam Pote	_		Cond Rating	AHERA Rating
Room Number	Subcat ID					Friability Condition	Water		Vib	Acc		0
House	402	Shingles	М	ND		Non-Friable						
Exterior	HWB	House White/Black										
Roof												
Notes:												
House	109	Plaster	S	ND		Friable					7	7
Floor 01	HWC	House Walls and Ceilings										
01												
Notes: Located thr	oughout the hou	se.										
House	112	Wall & Ceiling Texture	S	ND		Friable					7	7
Floor 01	HWC	House Walls and Ceilings										
01		_										
Notes: Located thr	oughout the hou	se.										
House	305	Sheetrock & Taping Compound	М	ND		Friable					7	7
Floor 01	HWC	House Walls and Ceilings										
01												
Notes: Located thr	oughout the hou	se.										
House	311	9x9 Floor Tile & Mastic	М	ND		Friable					7	7
Floor 01	HBRFB	House Brown w/ Fiber Backing										
01												
Notes:												
House	109	Plaster	S	ND		Friable					7	7
Floor 01	HWC	House Walls and Ceilings										
03												
Notes: Located thr	oughout the hou	se.										
House Floor 01 03 Notes: Located thr	HWC	House Walls and Ceilings	S	ND		Friable				-		7
				American Engir	neering							
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Project Number: P-0013158

Project Manager: Bruce A. Boehm Carlson

Sample Set Name: 1

Building Number: 109/111

Building Name Chisago County Jail Buildings
Building Address 1: 109/111 North Main Street

Building Address 2:

Area Location	Material ID	Material ID Description Subcategory Description	Material Code	Asbestos Quantity Content	Lead Paint	Physical Assessment:		Pote			Cond Rating	AHERA Rating
Room Number	Subcat ID					Friability Condition	Wate	r Air	Vib	Acc		
House	112	Wall & Ceiling Texture	S	ND		Friable					7	7
Floor 01	HWC	House Walls and Ceilings										
03												
Notes: Located thro	ughout the hou	se.										
House	313	Sheet Floor & Mastic	М	ND		Friable					7	7
Floor 01	HBR	House Brown										
03												
Notes:												
House	311	9x9 Floor Tile & Mastic	М	ND		Friable					7	7
Floor 01	HBR	House Brown										
04												
Notes:												
House	311	9x9 Floor Tile & Mastic	M	ND		Friable					7	7
Floor 01	HW	House White										
04												
Notes:												
House	109	Plaster	S	ND		Friable					7	7
Floor 01	HWC	House Walls and Ceilings										
05												
Notes: Located thro	ughout the hou	se.										
House	112	Wall & Ceiling Texture	S	ND		Friable					7	7
Floor 01	HWC	House Walls and Ceilings										
05		•										
Notes: Located thro	ughout the hou	se.										

Project Number: P-0013158

Project Manager: Bruce A. Boehm Carlson

Sample Set Name: 1

Building Number: 109/111

Building Name Chisago County Jail Buildings Building Address 1: 109/111 North Main Street

Building Address 2:

Area Location	Material ID	Material ID Description Subcategory Description	Material Code	Asbestos Quantity Content	Lead Paint	Physical Assessment:		Dan Pote	nage ntial:		Cond Rating	AHERA Rating
Room Number	Subcat ID	Subcategory Description	Code	Content	raint	Friability Condition	Wate		Vib	Acc	Nating	Nating
House	109	Plaster	S	ND		Friable					7	7
Floor 02	HWC	House Walls and Ceilings										
02												
Notes: Located thro	oughout the hou	se.										
House	309	Mastic - Carpet	М	ND		Friable					7	7
Floor 02	HT	House Tan										
02												
Notes: Located thro	oughout Fl. 02 of	the house.										
House	109	Plaster	S	ND		Friable					7	7
Floor 02	HWC	House Walls and Ceilings										
03												
Notes: Located thro	oughout the hou	se.										
House	112	Wall & Ceiling Texture	S	ND		Friable					7	7
Floor 02	HWC	House Walls and Ceilings										
03												
Notes: Located thro	oughout the hou	se.										
House	310	12x12 Floor Tile & Mastic	М	ND		Friable					7	7
Floor 02	HWBRS	House White w/ Brown Streaks										
03												
Notes:												
House	509	Adhesive	M	ND		Friable					7	7
Floor 02	HBR	House Brown										
03												
Notes:												

Project Number: P-0013158

Project Manager: Bruce A. Boehm Carlson

Sample Set Name: 1

Building Number: 109/111

Building Name Chisago County Jail Buildings Building Address 1: 109/111 North Main Street

Building Address 2:

City, State Zip: Center City, MN 55012

Area Location Room Number	Material ID Subcat ID	Material ID Description Subcategory Description	Material Code	Asbestos Quantity Content	Lead Paint	Physical Assessment: Friability Condition	Wateı	Dam Poter Air	_	Acc	Cond Rating	AHERA Rating
House	109	Plaster	S	ND		Friable					7	7
Floor 02	HWC	House Walls and Ceilings										
04												
Notes: Located thro	oughout the hou	se.										
House	112	Wall & Ceiling Texture	S	ND		Friable					7	7
Floor 02	HWC	House Walls and Ceilings										
05												
Notes: Located thro	oughout the hou	se.										
Jail	109	Plaster	S	ND		Friable					7	7
Basement	WC	Walls and Ceilings										
02												
Notes: Located thro	oughout the jail.											
Jail	305	Sheetrock & Taping Compound	М	ND		Friable					7	7
Basement	WC	Walls and Ceilings										
02												
Notes: Located thro	oughout the jail.											
Jail	303	2x4 Ceiling Tile	М	ND		Friable					7	7
Basement	PHF	Pinhole Fissure										
08												
Notes: Located thro	oughout the jail.											
Jail	308	Base Cove & Mastic	М	ND		Non-Friable						
Basement	4LG	4" Light Gray										
08												
Notes: Located thro	oughout the jail.											

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Project Number: P-0013158

Project Manager: Bruce A. Boehm Carlson

Sample Set Name: 1

Building Number: 109/111

Building Name Chisago County Jail Buildings Building Address 1: 109/111 North Main Street

Building Address 2:

City, State Zip: Center City, MN 55012

Area Location	Material	Material ID Description	Material Code	Asbestos Quantity	Lead	Physical		Dam Poter			Cond	AHERA
	ID Subcat ID	Subcategory Description	Code	Content	Paint	Assessment: Friability Condition	Water		itiai: Vib	Acc	Rating	Rating
Jail	208	12-24 Fibrous Pipe Insulation	Т	ND		Friable					7	7
Basement	W	White										
09												
Notes: Located througho	ut the jail.											
Jail	223	4-8 Fibrous Pipe Fittings	Т	ND		Friable					7	7
Basement	W	White										
09												
Notes: Located througho	ut the jail.											
Jail	236	Vibration Joints	Т	ND		Non-Friable						
Basement	В	Black										
09												
Notes: Located througho	ut the jail.											
Jail	321	Caulk	М	ND		Non-Friable						
Basement	BRFS	Brown Fire Stop										
09												
Notes: Located througho	ut the jail.											
Jail	321	Caulk	М	ND		Non-Friable						
Basement	RFS	Red Fire Stop										
09												
Notes: Located througho	ut the jail.											
Jail	109	Plaster	S	ND		Friable					7	7
Basement	WC	Walls and Ceilings										
12		-										
Notes: Located througho	ut the jail.											

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Client Name: TKDA

Project Number: P-0013158

Project Manager: Bruce A. Boehm Carlson

Sample Set Name: 1

Building Number: 109/111

Building Name Chisago County Jail Buildings Building Address 1: 109/111 North Main Street

Building Address 2:

Area	Material	Material ID Description		Asbestos Quantity	Lead	Physical		Dam	_		Cond	AHERA
Location Room Number	ID Subcat ID	Subcategory Description	Code	Content	Paint	Assessment: Friability Condition	Water	Poter		Acc	Rating	Rating
							water	All	VID	Acc		
Jail	308	Base Cove & Mastic	М	ND		Non-Friable						
Basement	6B	6" Black										
13												
Notes: Located through	out the jail.											
Jail	108	Stucco	S	ND		Non-Friable						
Exterior	Т	Tan										
Notes:												
Jail	408	Flat Roof	М	ND		Non-Friable						
Exterior	BN	Black North										
Roof												
Notes:												
Jail	408	Flat Roof	М	ND		Non-Friable						
Exterior	BS	Black South										
Roof												
Notes:												
Jail	109	Plaster	S	ND		Friable					7	7
Floor 01	WC	Walls and Ceilings										
101		•										
Notes: Located through	out the jail.											
Jail	321	Caulk	М	ND		Non-Friable						
Floor 01	В	Black										
101												
Notes: Located through	out the iail.	Also tested for PCB conter	nt to allow	for recycling as sami	ole 720-	B-A. Non-detect for asl	besos and	d less t	han 1	mg/kg	for PCBs.	

Project Number: P-0013158

Project Manager: Bruce A. Boehm Carlson

Sample Set Name: 1

Building Number: 109/111

Building Name Chisago County Jail Buildings Building Address 1: 109/111 North Main Street

Building Address 2:

City, State Zip: Center City, MN 55012

Area Location Room Number	Material ID Subcat ID	Material ID Description Subcategory Description	Material Code	Asbestos Quantity Content	Lead Paint	Physical Assessment: Friability Condition	Water	Dam Poter Air	tial:	Acc	Cond Rating	AHERA Rating
Jail	321	Caulk	М	ND		Non-Friable						
Floor 01	W	White										
101												
Notes: Located throu	ighout the jail.	Also tested for PCB conter	nt to allow	for recycling as samp	ole 720-	W-A. Non-detect for as	besos ar	nd less	than 1	mg/kg	for PCBs	1
Jail	104	Spray Applied Fireproofing	S	ND		Friable					7	7
Floor 01	G	Gray										
103												
Notes: Located throu	ghout the jail.											
Jail	222	0-4" Fibrous Pipe Fittings	Т	ND		Friable					7	7
Floor 01	W	White										
103												
Notes: Located throu	ghout the jail.											
Jail	303	2x4 Ceiling Tile	М	ND		Friable					7	7
Floor 01	PHB	Pinhole Bird										
103												
Notes: Located throu	ghout the jail.											
Jail	305	Sheetrock & Taping Compound	М	ND		Friable					7	7
Floor 01	WC	Walls and Ceilings										
103												
Notes: Located throu	ighout the jail.											
Jail	308	Base Cove & Mastic	М	ND		Non-Friable						
Floor 01	4BR	4" Brown										
103												
Notes: Located throu	ighout the jail.											
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Testing, Inc.
550 Cleveland Avenue North
St. Paul, MN 55114

Project Number: P-0013158

Project Manager: Bruce A. Boehm Carlson

Sample Set Name: 1

Building Number: 109/111

Building Name Chisago County Jail Buildings Building Address 1: 109/111 North Main Street

Building Address 2:

Area	Material	Material ID Description	Material	Asbestos Quantity	Lead	Physical	Damage	Cond	AHER/
Location	ID	Subcategory Description	Code	Content	Paint	Assessment:	Potential:	Rating	Rating
Room Number	Subcat ID					Friability Condition	Water Air Vib Acc		
Jail	309	Mastic - Carpet	M	ND		Non-Friable			
Floor 01	W	White							
103									
Notes: Located thro	oughout the jail.								
Jail	321	Caulk	М	ND		Non-Friable			
Floor 01	BR	Brown							
103									
Notes: Located thro	oughout the jail.	Also tested for PCB conter	nt to allow	for recycling as samp	ole 720-	BR-A. Non-detect for a	sbesos and less than 1 mg/k	g for PCB	s.
Jail	104	Spray Applied Fireproofing	S	ND		Friable		7	7
Floor 01	G	Gray							
104									
Notes: Located thro	oughout the jail.								
Jail	302	2x2 Ceiling Tile	М	ND		Friable		7	7
Floor 01	PHB	Pinhole Bird							
104									
Notes: Located thro	oughout the jail.								
Jail	315	Ceramic Tile	М	ND		Non-Friable			
Floor 01	2G	2" Gray							
104									
Notes: Located thro	oughout the jail.								
Jail	315	Ceramic Tile	М	ND		Non-Friable			
Floor 01	4G	4" Gray							
		•							
104									

Project Number: P-0013158

Project Manager: Bruce A. Boehm Carlson

Sample Set Name: 1

Building Number: 109/111

Building Name Chisago County Jail Buildings Building Address 1: 109/111 North Main Street

Building Address 2:

Area	Material	Material ID Description	Material	Asbestos Quantity	Lead	Physical		Dam	age		Cond	AHERA
Location	ID	Subcategory Description	Code	Content	Paint	Assessment:		Pote	ntial:		Rating	Rating
Room Number	Subcat ID					Friability Condition	Water	Air	Vib	Acc		
Jail	308	Base Cove & Mastic	М	ND		Non-Friable						
Floor 01	4G	4" Gray										
105												
Notes: Located thro	ughout the jail.											
Jail	310	12x12 Floor Tile & Mastic	М	ND		Non-Friable						
Floor 01	TDTS	Tan w/ Dark Tan Streaks										
105												
Notes: Located thro	ughout the jail.											
Jail	104	Spray Applied Fireproofing	S	ND		Friable					7	7
Floor 01	G	Gray										
106												
Notes: Located thro	ughout the jail.											
Jail	309	Mastic - Carpet	M	ND		Non-Friable						
Floor 01	Т	Tan										
106												
Notes: Located thro	ughout the jail.											
Jail	502	Sink Undercoating	М	ND		Non-Friable						
Floor 01	W	White										
106												
Notes: Located thro	ughout the jail.											
Jail	321	Caulk	М	ND		Non-Friable						
Floor 01	LG	Light Gray										
109												

Project Number: P-0013158

Project Manager: Bruce A. Boehm Carlson

Sample Set Name: 1

Building Number: 109/111

Building Name Chisago County Jail Buildings Building Address 1: 109/111 North Main Street

Building Address 2:

City, State Zip: Center City, MN 55012

Area Location Room Number	Material ID Subcat ID	Material ID Description Subcategory Description	Material Code	Asbestos Quantity Content	Lead Paint	Physical Assessment: Friability Condition	Water	Dam Poter Air	ntial:	Acc	Cond Rating	AHERA Rating
Jail	104	Spray Applied Fireproofing	S	ND		Friable					7	7
Floor 01	G	Gray										
110												
	oughout the jail.											
Jail	303	2x4 Ceiling Tile	М	ND		Friable					7	7
Floor 01	SR	Sheetrock										
110												
Notes: Located thr	oughout the jail.											
Jail	315	Ceramic Tile	М	ND		Non-Friable						
Floor 01	6BR	6" Brown										
111												
Notes: Located thr	oughout the jail.											
Jail	509	Adhesive	М	ND		Non-Friable						
Floor 01	Т	Tan										
111												
Notes: Located thr	oughout the jail.											
Jail	104	Spray Applied Fireproofing	S	ND		Friable					7	7
Floor 01	G	Gray										
113												
Notes: Located thr	oughout the jail.											
Jail	222	0-4" Fibrous Pipe Fittings	Т	ND		Friable					7	7
Floor 01	W	White										
114												
Notes: Located thr	oughout the jail.											
	-											
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Testing, Inc. 550 Cleveland Avenue North St. Paul, MN 55114

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Project Number: P-0013158

Project Manager: Bruce A. Boehm Carlson

Sample Set Name: 1

Building Number: 109/111

Building Name Chisago County Jail Buildings
Building Address 1: 109/111 North Main Street

Building Address 2:

Area	Material	Material ID Description		Asbestos Quantity	Lead	Physical		Dam	_		Cond	AHERA
Location Room Number	ID Subcat ID	Subcategory Description	Code	Content	Paint	Assessment: Friability Condition	Matar	Pote		۸۵۵	Rating	Rating
							Water	AII	Vib	ACC		
Jail	109	Plaster	S	ND		Friable					7	7
Floor 01	WC	Walls and Ceilings										
115												
Notes: Located throug	hout the jail.											
Jail	109	Plaster	S	ND		Friable					7	7
Floor 01	WC	Walls and Ceilings										
120												
Notes: Located throug	hout the jail.											
Jail	222	0-4" Fibrous Pipe Fittings	Т	ND		Friable					7	7
Floor 01	W	White										
121												
Notes: Located throug	hout the jail.											
Jail	109	Plaster	S	ND		Friable					7	7
Floor 01	WC	Walls and Ceilings										
128												
Notes: Located throug	hout the jail.											
Jail	109	Plaster	S	ND		Friable					7	7
Floor 01	WC	Walls and Ceilings										
148		•										
Notes: Located throug	hout the jail.											
Jail	310	12x12 Floor Tile & Mastic	М	ND		Non-Friable						
Floor 01	W	White										
150												
Notes: Located throug	hout the jail.											

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Client Name: TKDA

Project Number: P-0013158

Project Manager: Bruce A. Boehm Carlson

Sample Set Name: 1

Building Number: 109/111

Building Name Chisago County Jail Buildings Building Address 1: 109/111 North Main Street

Building Address 2:

Area Location Room Number	Material ID Subcat ID	Material ID Description Subcategory Description	Material Code	Asbestos Quantity Content	Lead Paint	Physical Assessment: Friability Condition	Water	Dam Poten Air	•	Acc	Cond Rating	AHERA Rating
Jail Floor 01 159	313 W	Sheet Floor & Mastic White	М	ND		Friable					7	7
Notes: Located through	out the jail.											
Jail	402	Shingles	М	ND		Non-Friable						
Shed	BR	Brown										
Roof												
Notes:												

Table 3 - Summary of Lead Containing Paints/Coatings Testing Results TKDA, Chisago County Jail Building, 111 North Main St., Chisago, MN 55012 AET Project No. P-0013158



			1		EN	GINEERING TEST
Sample No.	Description	Quantity	Side	Location	Lead (mg/cm²)	Remark
15	White Metal Door	45 SF	NA	Floor 01 Room 115	2.10	POSITIVE
17	Gray Metal Stall	80 SF	NA	Floor 01 Room 116	1.30	POSITIVE
23	White Metal Door	45 SF	NA	Floor 01 Room 121	1.60	POSITIVE
25	White Metal Door Frame	9 SF	NA	Floor 01 Room 121	2.00	POSITIVE
26	White Metal Door	45 SF	NA	Floor 01 Room 123	1.80	POSITIVE
33	White Metal Door	45 SF	NA	Floor 01 Room 149	2.00	POSITIVE
35	White Metal Window Frame	5 SF	NA	Floor 01 Room 149	2.40	POSITIVE
37	Light Green Window Frames	53 SF	NA	Floor 01 Room 150	3.20	POSITIVE
-						
Calibration I	Poculto				Poadin	ig (mg/cm²)
and attoll l	Standard	Standard Ra	nge (mg/cm²)	Start	Finish
	SRM 2570	SRM < 0.01	00 (ı	0.00	0
	SRM 2574 SRM 2571	SRM 0.71 ± 0 SRM 3.58 ± 0			0.70 3.52	0.74 3.57
anitiva mai	nts/coatings in bold . SF = Square Feet.	2UIN 2.20 T (J.33		3.32	3.37

Table 4 - Summary of Non-Lead Containing Paints/Coatings Testing Results TKDA, Chisago County Jail Building, 111 North Main St., Chisago, MN 55012 AET Project No. P-0013158



Sample	Description	Our matitus	C: d c	Lacation	Lead	Dame and
No.	Description	Quantity	Side	Location	(mg/cm ²)	Remark
1	Brown Metal Door	NA	NA	Floor 01 Room 103	0.00	NEGATIVE
2	Pink Concrete Wall	NA	NA	Floor 01 Room 103	0.00	NEGATIVE
3	Light Blue Sheetrock Wall	NA	NA	Floor 01 Room 103	0.00	NEGATIVE
4	Medium Stained Wood Cabinets	NA	NA	Floor 01 Room 103	0.00	NEGATIVE
5	Brown Metal Window Frames	NA	NA	Floor 01 Room 103	0.00	NEGATIVE
6	Gray Metal Door	NA	NA	Floor 01 Room 106	0.00	NEGATIVE
7	White Concrete Wall	NA	NA	Floor 01 Room 110	0.00	NEGATIVE
8	Gray Metal Door	NA	NA	Floor 01 Room 110	0.00	NEGATIVE
9	White Concrete Wall NA NA Floor 01 Room 112		Floor 01 Room 112	0.00	NEGATIVE	
10	Gray Concrete Floor NA NA Floor 01 Room 112		0.00	NEGATIVE		
11	Gray Metal Door	NA	NA	Floor 01 Room 112	0.00	NEGATIVE
12	Tan Concrete Wall	NA	NA	Floor 01 Room 115	0.00	NEGATIVE
13	Blue Concrete Wall	NA	NA	Floor 01 Room 115	0.00	NEGATIVE
14	White Metal Hatch	NA	NA	Floor 01 Room 115	0.00	NEGATIVE
16	White Plaster Ceiling	NA	NA	Floor 01 Room 115	0.00	NEGATIVE
18	Pink Concrete Wall	NA	NA	Floor 01 Room 118	0.00	NEGATIVE
19	White Metal Hatch	NA	NA	Floor 01 Room 121	0.00	NEGATIVE
20	White Concerte Wall	NA	NA	Floor 01 Room 121	0.00	NEGATIVE
21	White Plaster Ceiling	NA	NA	Floor 01 Room 121	0.00	NEGATIVE
22	Blue Concrete Wall	NA	NA	Floor 01 Room 121	0.00	NEGATIVE
24	Gray Concrete Floor	NA	NA	Floor 01 Room 121	0.00	NEGATIVE
27	Gray Metal Bedframe	NA	NA	Floor 01 Room 136	0.00	NEGATIVE
28	Gray Concrete Floor	NA	NA	Floor 01 Room 136	0.00	NEGATIVE
29	Brown Concrete Floor	NA	NA	Floor 01 Room 146	0.00	NEGATIVE
30	White Concrete Wall	NA	NA	Floor 01 Room 149	0.00	NEGATIVE
31	Blue Concrete Wall	NA	NA	Floor 01 Room 149	0.00	NEGATIVE
32	Red Concrete Wall	NA	NA	Floor 01 Room 149	0.00	NEGATIVE
34	White Metal Fence	NA	NA	Floor 01 Room 149	0.00	NEGATIVE
36	Light Green Concrete Wall	NA	NA	Floor 01 Room 150	0.00	NEGATIVE
Calibration F			2		Readin	ng (mg/cm²)
	Standard	Standard Rai	nge (mg/cm²))	Start	Finish
	SRM 2570	SRM < 0.01	0.00		0.00	0
	SRM 2574 SRM 2571	SRM 0.71 ± 0 SRM 3.58 ± 0			0.70 3.52	0.74 3.57

Positive paints/coatings in **bold**. SF = Square Feet.

Table 5 Summary of Non-PCB in Caulk Analytical Results

TKDA, Chisago County Jail Buildings, 109/111 North Mai Street, Chisago, MN 55012 AET Project No. P-0013158

Sample Number	Sample Location	Material Name	Description	Quantity *	Friable	Result (mg/kg)
720-B-A	Floor 01 Room 101	Caulk	Black	NA	No	(None Detect) ND < 1.0
720-BR-A	Floor 01 Room 103	Caulk	Brown	NA	No	ND < 1.0
720-LG-A	Floor 01 Room 109	Caulk	Light Gray	NA	No	ND < 1.0
720-W-A	Floor 01 Room 101	Caulk	White	NA	No	ND < 1.0

^{*} Quantities are approximate based on observations: SF = Square Feet; LF = Linear Feet Quantities listed are total quantities in the building. NA = Not Applicable ND = Not Detected **Bold indicates positive.**

Table 6 - Summary of Regulated Waste Items

Client Name: TKDA

Project Number: P-0013158

Project Manager: Bruce A. Boehm Carlson

Sample Set Name: 1

Building Number: 109/111

Building Name Chisago County Jail Buildings Building Address 1: 109/111 North Main Street

Building Address 2:

City, State Zip: Center City, MN 55012

Area	Material	Material ID Description		Asbestos Quantity	Lead	Physical		Dama	_		Cond	AHERA
Location Room Number	ID Subcat ID	Subcategory Description	Code	Content	Paint	Assessment: Friability Condition	Water	Poten Air		Acc	Rating	Rating
House	702	Emergency Lighting	RW	1 EA		Non-Friable						
Basement	HOWC	House On Wall/Ceiling										
01												
Notes:												
House	705	Flourescent Light Fixtures	RW	1 EA		Non-Friable						
Basement	HOC	House on Ceiling										
01												
Notes: Fixture has t	wo bulbs and or	ne ballast.										
House	719	Fluorescent Bulbs	RW	12 EA		Non-Friable						
Basement	HLOS	House Loose										
01												
Notes:												
House	721	TVs/Monitors	RW	1 EA		Non-Friable						
Basement	HOFS	House On Floor/Shelves										
01												
Notes:												
House	748	Electronics	RW	2 EA		Non-Friable						
Basement	HOW	House on Wall										
01												
Notes:												
House	751	Paint Cans	RW	6 GAL		Non-Friable						
Basement	HOFS	House On Floor/Shelves										
01												
Notes:												

Thursday, October 13, 2022 11:51:20 AM American Engineering Testing, Inc. 550 Cleveland Avenue North St. Paul, MN 55114

Project Number: P-0013158

Project Manager: Bruce A. Boehm Carlson

Sample Set Name: 1

Building Number: 109/111

Building Name Chisago County Jail Buildings Building Address 1: 109/111 North Main Street

Building Address 2:

Area Location	Material ID	Material ID Description Subcategory Description	Material Code	Asbestos Quantity Content	Lead Paint	Physical Assessment:		Dan Pote	nage ntial:		Cond Rating	AHERA Rating
Room Number	Subcat ID					Friability Condition	Water	Air	Vib	Acc		
House	753	Chemicals/Cleaners	RW	8 GAL		Non-Friable						
Basement	HOFS	House On Floor/Shelves										
01												
Notes:												
House	763	Smoke Detector	RW	1 EA		Non-Friable						
Basement	HOWC	House On Wall/Ceiling										
01												
Notes:												
House	711	Tires	RW	1 EA		Non-Friable						
Basement	HOFS	House On Floor/Shelves										
03												
Notes:												
House	728	Boiler	RW	1 EA		Non-Friable						
Basement	HOF	House On Floor										
04												
Notes:												
House	747	Appliances	RW	1 EA		Non-Friable						
Basement	HWH	House Water Heater										
04												
Notes:												
House	753	Chemicals/Cleaners	RW	5 GAL		Non-Friable						
Basement	HOFS	House On Floor/Shelves										
05												
Notes:												

Project Number: P-0013158

Project Manager: Bruce A. Boehm Carlson

Sample Set Name: 1

Building Number: 109/111

Building Name Chisago County Jail Buildings Building Address 1: 109/111 North Main Street

Building Address 2:

Area	Material	Material ID Description		Asbestos Quantity	Lead	Physical		Dam			Cond	AHERA
Location	ID	Subcategory Description	Code	Content	Paint	Assessment:		Poter			Rating	Rating
Room Number	Subcat ID					Friability Condition	Water	Air	Vib	Acc		
House	706	High Intensity Discharge Lighting	RW	1 EA		Non-Friable						
Exterior	HOW	House on Wall										
Notes:												
House	710	Treated Lumber	RW	210 SF		Non-Friable						
Exterior	HDSP	House Deck/Stairs/Posts										
Notes:												
House	775	Security Camera	RW	1 EA		Non-Friable						
Exterior	HOWP	House on Wall/Post										
Notes:												
House	705	Flourescent Light Fixtures	RW	2 EA		Non-Friable						
Floor 01	HOC	House on Ceiling										
01												
Notes: Each fixture	has two bulbs a	nd one ballast.										
House	708	Thermostats	RW	1 EA		Non-Friable						
Floor 01	HOW	House on Wall										
01												
Notes:												
House	748	Electronics	RW	3 EA		Non-Friable						
Floor 01	HOW	House on Wall										
01												
Notes:												

Project Number: P-0013158

Project Manager: Bruce A. Boehm Carlson

Sample Set Name: 1

Building Number: 109/111

Building Name Chisago County Jail Buildings
Building Address 1: 109/111 North Main Street

Building Address 2:

Area Location Room Number	Material ID Subcat ID	Material ID Description Subcategory Description	Material Code	Asbestos Quantity Content	Lead Paint	Physical Assessment: Friability Condition	Wate	Dam Potei r Air	ntial:	Acc	Cond Rating	AHERA Rating
House	763	Smoke Detector	RW	1 EA		Non-Friable						
Floor 01	HOWC	House On Wall/Ceiling										
01												
Notes:												
House	705	Flourescent Light Fixtures	RW	3 EA		Non-Friable						
Floor 01	HOC	House on Ceiling										
03												
Notes: Each fixture	has two bulbs a	nd one ballast.										
House	708	Thermostats	RW	1 EA		Non-Friable						
Floor 01	HOW	House on Wall										
03												
Notes:												
House	721	TVs/Monitors	RW	1 EA		Non-Friable						
Floor 01	HOF	House On Floor										
03												
Notes:												
House	742	Air Conditioners	RW	2 EA		Non-Friable						
Floor 01	HIWW	House In Wall/Window										
03												
Notes:												
House	747	Appliances	RW	1 EA		Non-Friable						
Floor 01	HRFG	House Refrigerator										
03												
Notes:												

Project Number: P-0013158

Project Manager: Bruce A. Boehm Carlson

Sample Set Name: 1

Building Number: 109/111

Building Name Chisago County Jail Buildings Building Address 1: 109/111 North Main Street

Building Address 2:

Area Location	Material ID	Material ID Description Subcategory Description	Material Code	Asbestos Quantity Content	Lead Paint	Physical Assessment:		Pot	mage ential:		Cond Rating	AHERA Rating
Room Number	Subcat ID					Friability Condition	Wate	r Ai	· Vib	Acc		
House	748	Electronics	RW	30 EA		Non-Friable						
Floor 01	HOWF	House on Wall/Floor										
03												
Notes:												
House	761	Door Closers	RW	1 EA		Non-Friable						
Floor 01	HOD	House On Door										
03												
Notes:												
House	763	Smoke Detector	RW	1 EA		Non-Friable						
Floor 01	HOWC	House On Wall/Ceiling										
03												
Notes:												
House	741	Fire Extinguishers	RW	1 EA		Non-Friable						
Floor 01	HOF	House On Floor										
04												
Notes:												
House	748	Electronics	RW	1 EA		Non-Friable						
Floor 01	HOWF	House on Wall/Floor										
04												
Notes:												
House	741	Fire Extinguishers	RW	1 EA		Non-Friable						
Floor 01	HOF	House On Floor										
05												
Notes:												

Project Number: P-0013158

Project Manager: Bruce A. Boehm Carlson

Sample Set Name: 1

Building Number: 109/111

Building Name Chisago County Jail Buildings Building Address 1: 109/111 North Main Street

Building Address 2:

Area Location	Material ID	Material ID Description Subcategory Description	Material Code	Asbestos Quantity Content	Lead Paint	Physical Assessment:	Mata	Dam Pote	ntial:	۸۵۵	Cond Rating	AHERA Rating
Room Number	Subcat ID					Friability Condition	vvate	AII	Vib	Acc		
House	763	Smoke Detector	RW	1 EA		Non-Friable						
Floor 02	HOWC	House On Wall/Ceiling										
01												
Notes:												
House	705	Flourescent Light Fixtures	RW	1 EA		Non-Friable						
Floor 02	HOC	House on Ceiling										
02												
Notes: Each fixture	has two bulbs a	nd one ballast.										
House	708	Thermostats	RW	1 EA		Non-Friable						
Floor 02	HOW	House on Wall										
02												
Notes:												
House	747	Appliances	RW	1 EA		Non-Friable						
Floor 02	HRFG	House Refrigerator										
02		Ü										
Notes:												
House	763	Smoke Detector	RW	1 EA		Non-Friable						
Floor 02	HOWC	House On Wall/Ceiling										
02												
Notes:												
House	705	Flourescent Light Fixtures	RW	1 EA		Non-Friable						
Floor 02	НОС	House on Ceiling										
03		-										
	has one bulb an	nd one hallast										

Project Number: P-0013158

Project Manager: Bruce A. Boehm Carlson

Sample Set Name: 1

Building Number: 109/111

Building Name Chisago County Jail Buildings
Building Address 1: 109/111 North Main Street

Building Address 2:

Area Location Room Number	Material ID Subcat ID	Material ID Description Subcategory Description	Material Code	Asbestos Quantity Content	Lead Paint	Physical Assessment: Friability Condition	Water	Dam Poter	ntial:	Acc	Cond Rating	AHERA Rating
		Consider Datastan	DVA	1.54			vvater	AII	VID	ACC		
House Floor 02	763 HOWC	Smoke Detector House On Wall/Ceiling	RW	1 EA		Non-Friable						
	HOWC	House On Wall/Celling										
03 Notes:												
House	705	Flourescent Light Fixtures	RW	1 EA		Non-Friable						
Floor 02	HOC	House on Ceiling										
04		J										
Notes: Each fixture	has two bulbs a	nd one ballast.										
House	748	Electronics	RW	1 EA		Non-Friable						
Floor 02	HOW	House on Wall										
04												
Notes:												
House	763	Smoke Detector	RW	1 EA		Non-Friable						
Floor 02	HOWC	House On Wall/Ceiling										
04												
Notes:												
House	705	Flourescent Light Fixtures	RW	2 EA		Non-Friable						
Floor 02	HOC	House on Ceiling										
05												
Notes: Each fixture	has two bulbs a	nd one ballast.										
House	719	Fluorescent Bulbs	RW	32		Non-Friable						
Floor 02	HLOS	House Loose										
05												
Notes:												

Project Number: P-0013158

Project Manager: Bruce A. Boehm Carlson

Sample Set Name: 1

Building Number: 109/111

Building Name Chisago County Jail Buildings Building Address 1: 109/111 North Main Street

Building Address 2:

Area Location Room Number	Material ID Subcat ID	Material ID Description Subcategory Description	Material Code	Asbestos Quantity Content	Lead Paint	Physical Assessment: Friability Condition	Wate	Dam Poter r Air	ntial:	Acc	Cond Rating	AHERA Rating
House	748	Electronics	RW	2 EA		Non-Friable						
Floor 02	HOW	House on Wall										
05												
Notes:												
House	705	Flourescent Light Fixtures	RW	2 EA		Non-Friable						
Floor 02	HOC	House on Ceiling										
06												
Notes: Each fixture	has two bulbs a	nd one ballast.										
House	742	Air Conditioners	RW	2 EA		Non-Friable						
Floor 02	HIWW	House In Wall/Window										
06												
Notes:												
House	748	Electronics	RW	2 EA		Non-Friable						
Floor 02	HOW	House on Wall										
06												
Notes:												
House	763	Smoke Detector	RW	1 EA		Non-Friable						
Floor 02	HOWC	House On Wall/Ceiling										
06												
Notes:												
Jail	705	Flourescent Light Fixtures	RW	2 EA		Non-Friable						
Basement	OC	On Ceiling										
01												
Notes: Each fixture	has two bulbs a	nd one ballast.										

Project Number: P-0013158

Project Manager: Bruce A. Boehm Carlson

Sample Set Name: 1

Building Number: 109/111

Building Name Chisago County Jail Buildings Building Address 1: 109/111 North Main Street

Building Address 2:

Area	Material	Material ID Description		Asbestos Quantity	Lead	Physical		Dam	_		Cond	AHERA
Location	ID	Subcategory Description	Code	Content	Paint	Assessment:		Poter			Rating	Rating
Room Number	Subcat ID					Friability Condition	Watei	r Air	Vib	Acc		
Jail	761	Door Closers	RW	1 EA		Non-Friable						
Basement	OD	On Door										
01												
Notes:												
Jail	702	Emergency Lighting	RW	1 EA		Non-Friable						
Basement	OWC	On Wall/Ceiling										
02												
Notes:												
Jail	703	Exit Signs	RW	1 EA		Non-Friable						
Basement	OWC	On Wall/Ceiling										
02												
Notes:												
Jail	705	Flourescent Light	RW	4 EA		Non-Friable						
Basement	OC	Fixtures On Ceiling										
02	OC	Officering										
	has two bulbs a	nd one hallast										
Jail	705	Flourescent Light Fixtures	RW	2 EA		Non-Friable						
Basement	ОС	On Ceiling										
02												
Notes: Each fixture	has one bulb an	d one ballast.										
Jail	748	Electronics	RW	2 EA		Non-Friable						
Basement	OW	On Wall										
02												
Notes:												

Project Number: P-0013158

Project Manager: Bruce A. Boehm Carlson

Sample Set Name: 1

Building Number: 109/111

Building Name Chisago County Jail Buildings Building Address 1: 109/111 North Main Street

Building Address 2:

Area Location Room Number	Material ID Subcat ID	Material ID Description Subcategory Description	Material Code	Asbestos Quantity Content	Lead Paint	Physical Assessment: Friability Condition	Water	Dama Poten Air	tial:	Acc	Cond Rating	AHERA Rating
Jail	753	Chemicals/Cleaners	RW	10 GAL		Non-Friable						
Basement	OFC	On Floor/Counter										
02												
Notes:												
Jail	771	Alarms	RW	1 EA		Non-Friable						
Basement	PAN	Panel										
02												
Notes:												
Jail	771	Alarms	RW	1 EA		Non-Friable						
Basement	SEN	Sensors										
02												
Notes:												
Jail	705	Flourescent Light Fixtures	RW	2 EA		Non-Friable						
Basement 03	OC	On Ceiling										
Notes: Each fixture	nas two bulbs a	nd one ballast.										
Jail	705	Flourescent Light Fixtures	RW	5 EA		Non-Friable						
Basement 03	OC	On Ceiling										
Notes: Each fixture	nas one bulb an	d one ballast.										
Jail	763	Smoke Detector	RW	1 EA		Non-Friable						
Basement	OWC	On Wall/Ceiling		,								
03		- , 0										
Notes:												

AET Project No. P-0013158 Tables 29 of 67

Client Name: TKDA

Project Number: P-0013158

Project Manager: Bruce A. Boehm Carlson

Sample Set Name: 1

Building Number: 109/111

Building Name Chisago County Jail Buildings Building Address 1: 109/111 North Main Street

Building Address 2:

Area Location Room Number	Material ID Subcat ID	Material ID Description Subcategory Description	Material Code	Asbestos Quantity Content	Lead Paint	Physical Assessment: Friability Condition	Water	Dam Poten	rtial:	Acc	Cond Rating	AHERA Rating
Jail	705	Flourescent Light Fixtures	RW	2 EA		Non-Friable	water	All	VIII	Acc		
Basement 04	OC	On Ceiling										
	as four bulbs a	nd two ballasts.										
Jail	705	Flourescent Light Fixtures	RW	2 EA		Non-Friable						
Basement 05	OC	On Ceiling										
	as two bulbs a	nd one ballast.										
Jail	763	Smoke Detector	RW	1 EA		Non-Friable						
Basement	OWC	On Wall/Ceiling										
05												
Notes:												
Jail	719	Fluorescent Bulbs	RW	8 EA		Non-Friable						
Basement	LOS	Loose										
06												
Notes:												
Jail	705	Flourescent Light Fixtures	RW	1 EA		Non-Friable						
Basement 07	OC	On Ceiling										
	as two bulbs a	nd one ballast.										

Project Number: P-0013158

Project Manager: Bruce A. Boehm Carlson

Sample Set Name: 1

Building Number: 109/111

Building Name Chisago County Jail Buildings Building Address 1: 109/111 North Main Street

Building Address 2:

City, State Zip: Center City, MN 55012

Area Location Room Number	Material ID Subcat ID	Material ID Description Subcategory Description	Material Code	Asbestos Quantity Content	Lead Paint	Physical Assessment: Friability Condition	Water	Dam Poter Air	rtial:	Acc	Cond Rating	AHERA Rating
Jail	705	Flourescent Light Fixtures	RW	1 EA		Non-Friable						
Basement	OC	On Ceiling										
08												
Notes: Each fixture	has two bulbs a	nd one ballast.										
Jail	705	Flourescent Light Fixtures	RW	1 EA		Non-Friable						
Basement	OC	On Ceiling										
08												
Notes: Each fixture	has one bulb an	d one ballast.										
Jail	721	TVs/Monitors	RW	5 EA		Non-Friable						
Basement	OFC	On Floor/Counter										
08												
Notes:												
Jail	748	Electronics	RW	2 EA		Non-Friable						
Basement	OW	On Wall										
08												
Notes:												
Jail	763	Smoke Detector	RW	1 EA		Non-Friable						
Basement	OWC	On Wall/Ceiling										
08												
Notes:												

St. Paul, MN 55114

Project Number: P-0013158

Project Manager: Bruce A. Boehm Carlson

Sample Set Name: 1

Building Number: 109/111

Building Name Chisago County Jail Buildings
Building Address 1: 109/111 North Main Street

Building Address 2:

Area	Material	Material ID Description		Asbestos Quantity	Lead	Physical		Dam		Cond	AHERA
Location Room Number	ID Subcat ID	Subcategory Description	Code	Content	Paint	Assessment: Friability Condition	Water	Poter Air	Acc	Rating	Rating
Jail	705	Flourescent Light Fixtures	RW	4 EA		Non-Friable					
Basement	ОС	On Ceiling									
09											
Notes: Each fixture	has two bulbs a	nd one ballast.									
Jail	719	Fluorescent Bulbs	RW	2 EA		Non-Friable					
Basement	СВ	Compact Bulb									
09											
Notes:											
Jail	719	Fluorescent Bulbs	RW	15 EA		Non-Friable					
Basement	LOS	Loose									
09											
Notes:											
Jail	728	Boiler	RW	4		Non-Friable					
Basement	OF	On Floor									
09											
Notes:											
Jail	747	Appliances	RW	1 EA		Non-Friable					
Basement	COM	Air Compressor									
09											
Notes:											
Jail	747	Appliances	RW	4 EA		Non-Friable					
Basement	WH	Water Heater									
09											
Notes:											

Project Number: P-0013158

Project Manager: Bruce A. Boehm Carlson

Sample Set Name: 1

Building Number: 109/111

Building Name Chisago County Jail Buildings Building Address 1: 109/111 North Main Street

Building Address 2:

Area Location Room Number	Material ID Subcat ID	Material ID Description Subcategory Description	Material Code	Asbestos Quantity Content	Lead Paint	Physical Assessment: Friability Condition	Wate	Pote	nage ntial: Vib	Acc	Cond Rating	AHERA Rating
Jail	748	Electronics	RW	12 EA		Non-Friable						
Basement	OW	On Wall										
09												
Notes:												
Jail	753	Chemicals/Cleaners	RW	20 GAL		Non-Friable						
Basement	OFC	On Floor/Counter										
09												
Notes:												
Jail	763	Smoke Detector	RW	2 EA		Non-Friable						
Basement	OWC	On Wall/Ceiling										
09												
Notes:												
Jail	767	Heaters	RW	1 EA		Non-Friable						
Basement	OWC	On Wall/Ceiling										
09												
Notes:												
Jail	771	Alarms	RW	3 EA		Non-Friable						
Basement	PAN	Panel										
09												
Notes:												
Jail	791	HVAC Unit	RW	1 EA		Non-Friable						
Basement	OC	On Ceiling										
09												
Notes:												

Project Number: P-0013158

Project Manager: Bruce A. Boehm Carlson

Sample Set Name: 1

Building Number: 109/111

Building Name Chisago County Jail Buildings Building Address 1: 109/111 North Main Street

Building Address 2:

Area Location Room Number	Material ID Subcat ID	Material ID Description Subcategory Description	Material Code	Asbestos Quantity Content	Lead Paint	Physical Assessment: Friability Condition	Water	Dam Poter		Acc	Cond Rating	AHERA Rating
							vvate	All	VID	ALL		
Jail	705	Flourescent Light Fixtures	RW	2 EA		Non-Friable						
Basement	OC	On Ceiling										
10												
Notes: Each fixture h	as one bulb an	d one ballast.										
Jail	708	Thermostats	RW	1 EA		Non-Friable						
Basement	ow	On Wall										
10												
Notes:												
Jail	748	Electronics	RW	6 EA		Non-Friable						
Basement	ow	On Wall										
10												
Notes:												
Jail	763	Smoke Detector	RW	3 EA		Non-Friable						
Basement	OWC	On Wall/Ceiling										
10												
Notes:												
Jail	701	Batteries	RW	9 EA		Non-Friable						
Basement	OFC	On Floor/Counter										
11												
Notes:												
Jail	705	Flourescent Light	RW	1 EA		Non-Friable						
	0.5	Fixtures										
Basement	OC	On Ceiling										
11 Notes: Each fixture h		nd one ballast.										

Project Number: P-0013158

Project Manager: Bruce A. Boehm Carlson

Sample Set Name: 1

Building Number: 109/111

Building Name Chisago County Jail Buildings Building Address 1: 109/111 North Main Street

Building Address 2:

Area Location	Material ID	Material ID Description Subcategory Description	Material Code	Asbestos Quantity Content	Lead Paint	Physical Assessment:		Dam Poter		Cond Rating	AHERA Rating
Room Number	Subcat ID					Friability Condition	Water		Acc		
Jail	721	TVs/Monitors	RW	1 EA		Non-Friable					
Basement	OFC	On Floor/Counter									
11											
Notes:											
Jail	748	Electronics	RW	30 EA		Non-Friable					
Basement	OW	On Wall									
11											
Notes:											
Jail	763	Smoke Detector	RW	1 EA		Non-Friable					
Basement	OWC	On Wall/Ceiling									
11		_									
Notes:											
Jail	705	Flourescent Light Fixtures	RW	2 EA		Non-Friable					
Basement	OC	On Ceiling									
12											
Notes: Each fixture	has one bulb an	d one ballast.									
Jail	705	Flourescent Light Fixtures	RW	2 EA		Non-Friable					
Basement	OC	On Ceiling									
12											
Notes: Each fixture	has two bulbs a	nd one ballast.									
Jail	708	Thermostats	RW	2 EA		Non-Friable					
Basement	OW	On Wall									
12											
Notes:											

Project Number: P-0013158

Project Manager: Bruce A. Boehm Carlson

Sample Set Name: 1

Building Number: 109/111

Building Name Chisago County Jail Buildings Building Address 1: 109/111 North Main Street

Building Address 2:

Area Location	Material ID	Material ID Description Subcategory Description	Material Code	Asbestos Quantity Content	Lead Paint	Physical Assessment:			mage ential:		Cond Rating	AHERA Rating
Room Number	Subcat ID					Friability Condition	Wate	r Ai	r Vik	Acc		
Jail	721	TVs/Monitors	RW	1 EA		Non-Friable						
Basement	OFC	On Floor/Counter										
12												
Notes:												
Jail	748	Electronics	RW	34 EA		Non-Friable						
Basement	OW	On Wall										
12												
Notes:												
Jail	761	Door Closers	RW	1 EA		Non-Friable						
Basement	OD	On Door										
12												
Notes:												
Jail	763	Smoke Detector	RW	4 EA		Non-Friable						
Basement	OWC	On Wall/Ceiling										
12												
Notes:												
Jail	775	Security Camera	RW	1 EA		Non-Friable						
Basement	OWC	On Wall/Ceiling										
12												
Notes:												
Jail	791	HVAC Unit	RW	1 EA		Non-Friable						
Basement	OC	On Ceiling										
12												
Notes:												

Project Number: P-0013158

Project Manager: Bruce A. Boehm Carlson

Sample Set Name: 1

Building Number: 109/111

Building Name Chisago County Jail Buildings Building Address 1: 109/111 North Main Street

Building Address 2:

Area Location Room Number	Material ID Subcat ID	Material ID Description Subcategory Description	Material Code	Asbestos Quantity Content	Lead Paint	Physical Assessment: Friability Condition	Wateı	Dam Poter Air	ntial:	Acc	Cond Rating	AHERA Rating
Jail	705	Flourescent Light Fixtures	RW	4 EA		Non-Friable						
Basement	OC	On Ceiling										
13												
Notes: Each fixture	has one bulb an	d one ballast.										
Jail	708	Thermostats	RW	1 EA		Non-Friable						
Basement	OW	On Wall										
13												
Notes:												
Jail	748	Electronics	RW	40 EA		Non-Friable						
Basement	OW	On Wall										
13												
Notes:												
Jail	763	Smoke Detector	RW	3 EA		Non-Friable						
Basement	OWC	On Wall/Ceiling										
13												
Notes:												
Jail	791	HVAC Unit	RW	1 EA		Non-Friable						
Basement	OC	On Ceiling										
13												
Notes:												
Jail	706	High Intensity Discharge Lighting	RW	20		Non-Friable						
Exterior	OW	On Wall										
Notes:												

Project Number: P-0013158

Project Manager: Bruce A. Boehm Carlson

Sample Set Name: 1

Building Number: 109/111

Building Name Chisago County Jail Buildings
Building Address 1: 109/111 North Main Street

Building Address 2:

Area Location Room Number	Material ID Subcat ID	Material ID Description Subcategory Description	Material Code	Asbestos Quantity Content	Lead Paint	Physical Assessment: Friability Condition	Water	Dam Poter Air	ntial:	Acc	Cond Rating	AHERA Rating
Jail	710	Treated Lumber	RW	144 SF		Non-Friable						
Exterior	DS	Deck/Stairs										
Notes:												
Jail	726	Generator	RW	1 EA		Non-Friable						
Exterior	OG	On Ground										
Notes:												
Jail	742	Air Conditioners	RW	1 EA		Non-Friable						
Exterior	OG	On Ground										
Notes:												
Jail	775	Security Camera	RW	7 EA		Non-Friable						
Exterior	OW	On Wall										
Notes:												
Jail	710	Treated Lumber	RW	22 LF		Non-Friable						
Exterior	GRN	Green										
Roof												
Notes:												
Jail	791	HVAC Unit	RW	10 EA		Non-Friable						
Exterior	OR	On Roof										
Roof												
Notes:												

Project Number: P-0013158

Project Manager: Bruce A. Boehm Carlson

Sample Set Name: 1

Building Number: 109/111

Building Name Chisago County Jail Buildings Building Address 1: 109/111 North Main Street

Building Address 2:

Area Location Room Number	Material ID Subcat ID	Material ID Description Subcategory Description	Material Code	Asbestos Quantity Content	Lead Paint	Physical Assessment: Friability Condition	Wate	Dam Potei r Air		Acc	Cond Rating	AHERA Rating
Jail	705	Flourescent Light Fixtures	RW	3 EA		Non-Friable	vvate	All	VID	Acc		
Floor 01	OC	On Ceiling										
101												
Notes: Each fixture	has two bulbs a	nd one ballast.										
Jail	708	Thermostats	RW	1 EA		Non-Friable						
Floor 01	OW	On Wall										
101												
Notes:												
Jail	761	Door Closers	RW	2 EA		Non-Friable						
Floor 01	OD	On Door										
101												
Notes:												
Jail	775	Security Camera	RW	1 EA		Non-Friable						
Floor 01	OWC	On Wall/Ceiling										
101												
Notes:												
Jail	705	Flourescent Light Fixtures	RW	1 EA		Non-Friable						
Floor 01	OC	On Ceiling										
102												
Notes: Each fixture	has one bulb an	d one ballast.										
Jail	708	Thermostats	RW	1 EA		Non-Friable						
Floor 01	OW	On Wall										
102												
Notes:												

Project Number: P-0013158

Project Manager: Bruce A. Boehm Carlson

Sample Set Name: 1

Building Number: 109/111

Building Name Chisago County Jail Buildings Building Address 1: 109/111 North Main Street

Building Address 2:

Area Location	Material ID	Material ID Description Subcategory Description	Material Code	Asbestos Quantity Content	Lead Paint	Physical Assessment:		Dam Poter	_		Cond Rating	AHERA Rating
Room Number	Subcat ID					Friability Condition	Wate	r Air	Vib	Acc		
Jail	761	Door Closers	RW	1 EA		Non-Friable						
Floor 01	OD	On Door										
102												
Notes:												
Jail	702	Emergency Lighting	RW	1 EA		Non-Friable						
Floor 01	OWC	On Wall/Ceiling										
103												
Notes:												
Jail	705	Flourescent Light Fixtures	RW	2 EA		Non-Friable						
Floor 01	ОС	On Ceiling										
103												
Notes: Each fixture	has two bulbs a	nd one ballast.										
Jail	705	Flourescent Light Fixtures	RW	8 EA		Non-Friable						
Floor 01	ОС	On Ceiling										
103												
Notes: Each fixture	has four bulbs a	and two ballasts.										
Jail	708	Thermostats	RW	1 EA		Non-Friable						
Floor 01	OW	On Wall										
103												
Notes:												
Jail	719	Fluorescent Bulbs	RW	27		Non-Friable						
Floor 01	LOS	Loose										
103												
Notes:												

Project Number: P-0013158

Project Manager: Bruce A. Boehm Carlson

Sample Set Name: 1

Building Number: 109/111

Building Name Chisago County Jail Buildings
Building Address 1: 109/111 North Main Street

Building Address 2:

Area Location	Material ID	Material ID Description Subcategory Description	Material Code	Asbestos Quantity Content	Lead Paint	Physical Assessment:			mage ential:		Cond Rating	AHERA Rating
Room Number	Subcat ID					Friability Condition	Wate	r Ai	r Vik	Acc		
Jail	721	TVs/Monitors	RW	1		Non-Friable						
Floor 01	ODF	On Desk/Floor										
103												
Notes:												
Jail	748	Electronics	RW	5 EA		Non-Friable						
Floor 01	OW	On Wall										
103												
Notes:												
Jail	757	Computers	RW	2 EA		Non-Friable						
Floor 01	ODF	On Desk/Floor										
103												
Notes:												
Jail	763	Smoke Detector	RW	1 EA		Non-Friable						
Floor 01	OWC	On Wall/Ceiling										
103												
Notes:												
Jail	771	Alarms	RW	1 EA		Non-Friable						
Floor 01	PAD	Pad										
103												
Notes:												
Jail	771	Alarms	RW	1 EA		Non-Friable						
Floor 01	PAN	Panel										
103												
Notes:												

Project Number: P-0013158

Project Manager: Bruce A. Boehm Carlson

Sample Set Name: 1

Building Number: 109/111

Building Name Chisago County Jail Buildings Building Address 1: 109/111 North Main Street

Building Address 2:

Area Location Room Number	Material ID Subcat ID	Material ID Description Subcategory Description	Material Code	Asbestos Quantity Content	Lead Paint	Physical Assessment: Friability Condition	Wateı	Dama Potent Air	ial:	Acc	Cond Rating	AHERA Rating
Jail	705	Flourescent Light Fixtures	RW	1 EA		Non-Friable						
Floor 01	OC	On Ceiling										
104												
Notes: Each fixture	has four bulbs a	nd two ballasts.										
Jail	748	Electronics	RW	1 EA		Non-Friable						
Floor 01	OW	On Wall										
104												
Notes:												
Jail	705	Flourescent Light Fixtures	RW	1 EA		Non-Friable						
Floor 01	OC	On Ceiling										
105												
Notes: Each fixture	has two bulb an	d one ballast.										
Jail	708	Thermostats	RW	1 EA		Non-Friable						
Floor 01	ow	On Wall										
105												
Notes:												
Jail	748	Electronics	RW	1 EA		Non-Friable						
Floor 01	OW	On Wall										
105												
Notes:												
Jail	761	Door Closers	RW	2 EA		Non-Friable						
Floor 01	OD	On Door										
105												
Notes:												

Project Number: P-0013158

Project Manager: Bruce A. Boehm Carlson

Sample Set Name: 1

Building Number: 109/111

Building Name Chisago County Jail Buildings Building Address 1: 109/111 North Main Street

Building Address 2:

Area Location	Material ID	Material ID Description	Material Code	Asbestos Quantity Content	Lead	Physical Assessment:		Dam Poter	_		Cond	AHERA Rating
Room Number	Subcat ID	Subcategory Description	Code	Content	Paint	Friability Condition	Water			Acc	Rating	Kating
Jail	775	Security Camera	RW	1 EA		Non-Friable						
Floor 01	OWC	On Wall/Ceiling										
105												
Notes:												
Jail	702	Emergency Lighting	RW	1 EA		Non-Friable						
Floor 01	OWC	On Wall/Ceiling										
106												
Notes:												
Jail	705	Flourescent Light Fixtures	RW	10 EA		Non-Friable						
Floor 01	OC	On Ceiling										
106												
Notes: Each fixture	has four bulbs a	nd two ballasts.										
Jail	763	Smoke Detector	RW	2 EA		Non-Friable						
Floor 01	OWC	On Wall/Ceiling										
106												
Notes:												
Jail	775	Security Camera	RW	3 EA		Non-Friable						
Floor 01	OWC	On Wall/Ceiling										
106												
Notes:												
Jail	705	Flourescent Light Fixtures	RW	4 EA		Non-Friable						
Floor 01	OC	On Ceiling										
107		-										
	has four bulbs a	nd two ballasts.										

Project Number: P-0013158

Project Manager: Bruce A. Boehm Carlson

Sample Set Name: 1

Building Number: 109/111

Building Name Chisago County Jail Buildings Building Address 1: 109/111 North Main Street

Building Address 2:

Area Location	Material ID	Material ID Description		Asbestos Quantity Content	Lead Paint	Physical Assessment:		Dam Potei	_		Cond	AHERA
Room Number	Subcat ID	Subcategory Description	Code	Content	Paint	Friability Condition	Water			Acc	Rating	Rating
Jail	761	Door Closers	RW	1 EA		Non-Friable						
Floor 01	OD	On Door										
107												
Notes:												
Jail	702	Emergency Lighting	RW	1 EA		Non-Friable						
Floor 01	OWC	On Wall/Ceiling										
108												
Notes:												
Jail	705	Flourescent Light Fixtures	RW	6 EA		Non-Friable						
Floor 01	OC	On Ceiling										
108		•										
Notes: Each fixture	has four bulbs a	nd two ballasts.										
Jail	763	Smoke Detector	RW	2 EA		Non-Friable						
Floor 01	OWC	On Wall/Ceiling										
108												
Notes:												
Jail	775	Security Camera	RW	2 EA		Non-Friable						
Floor 01	OWC	On Wall/Ceiling										
108												
Notes:												
Jail	703	Exit Signs	RW	1 EA		Non-Friable						
Floor 01	OWC	On Wall/Ceiling										
109												
Notes:												

Project Number: P-0013158

Project Manager: Bruce A. Boehm Carlson

Sample Set Name: 1

Building Number: 109/111

Building Name Chisago County Jail Buildings Building Address 1: 109/111 North Main Street

Building Address 2:

Area Location Room Number	Material ID Subcat ID	Material ID Description Subcategory Description	Material Code	Asbestos Quantity Content	Lead Paint	Physical Assessment: Friability Condition	Wate	Dam Poter r Air	ntial:	Acc	Cond Rating	AHERA Rating
Jail	705	Flourescent Light Fixtures	RW	1 EA		Non-Friable						
Floor 01 109	OC	On Ceiling										
	has two bulbs a	nd one ballast.										
Jail	775	Security Camera	RW	1 EA		Non-Friable						
Floor 01 109	OWC	On Wall/Ceiling										
Notes:												
Jail	705	Flourescent Light Fixtures	RW	4 EA		Non-Friable						
Floor 01 110	OC	On Ceiling										
Notes: Each fixture	has four bulbs a	and two ballasts.										
Jail	708	Thermostats	RW	1 EA		Non-Friable						
Floor 01 110 Notes:	OW	On Wall										
Jail	761	Door Closers	RW	1 EA		Non-Friable						
Floor 01	GDO	Garage Door Opener										
110												
Notes:												
Jail	761	Door Closers	RW	2 EA		Non-Friable						
Floor 01	OD	On Door										
110 Notes:												

Project Number: P-0013158

Project Manager: Bruce A. Boehm Carlson

Sample Set Name: 1

Building Number: 109/111

Building Name Chisago County Jail Buildings Building Address 1: 109/111 North Main Street

Building Address 2:

Area Location	Material ID	Material ID Description Subcategory Description	Material Code	Asbestos Quantity Content	Lead Paint	Physical Assessment:		Dam Poter	_		Cond Rating	AHERA Rating
Room Number	Subcat ID	Subcategory Description	Code	Content	railit	Friability Condition	Water			Acc	Natilig	Natilig
Jail	763	Smoke Detector	RW	1 EA		Non-Friable						
Floor 01	OWC	On Wall/Ceiling										
110												
Notes:												
Jail	767	Heaters	RW	1 EA		Non-Friable						
Floor 01	OWC	On Wall/Ceiling										
110												
Notes:												
Jail	775	Security Camera	RW	2 EA		Non-Friable						
Floor 01	OWC	On Wall/Ceiling										
110												
Notes:												
Jail	705	Flourescent Light Fixtures	RW	4 EA		Non-Friable						
Floor 01	OC	On Ceiling										
111												
Notes: Each fixture	has four bulbs a	nd two ballasts.										
Jail	708	Thermostats	RW	1 EA		Non-Friable						
Floor 01	OW	On Wall										
111												
Notes:												
Jail	741	Fire Extinguishers	RW	1 EA		Non-Friable						
Floor 01	FSH	Fire Suppression										
		System - Halon										
111												
Notes:												

Project Number: P-0013158

Project Manager: Bruce A. Boehm Carlson

Sample Set Name: 1

Building Number: 109/111

Building Name Chisago County Jail Buildings Building Address 1: 109/111 North Main Street

Building Address 2:

Area Location	Material ID	Material ID Description Subcategory Description	Material Code	Asbestos Quantity Content	Lead Paint	Physical Assessment:		Dam Poter		Cond Rating	AHERA Rating
Room Number	Subcat ID		Couc	Content	- anic	Friability Condition	Wate	r Air	Acc	Mating	Nating
Jail	742	Air Conditioners	RW	1 EA		Non-Friable					
Floor 01	IWW	In Wall/Window									
111											
Notes:											
Jail	753	Chemicals/Cleaners	RW	2 GAL		Non-Friable					
Floor 01	OFC	On Floor/Counter									
111											
Notes:											
Jail	705	Flourescent Light Fixtures	RW	1 EA		Non-Friable					
Floor 01	OC	On Ceiling									
112											
Notes: Each fixture	has two bulbs a	nd one ballast.									
Jail	775	Security Camera	RW	1 EA		Non-Friable					
Floor 01	OWC	On Wall/Ceiling									
112											
Notes:											
Jail	702	Emergency Lighting	RW	1 EA		Non-Friable					
Floor 01	OWC	On Wall/Ceiling									
113											
Notes:											
Jail	705	Flourescent Light Fixtures	RW	2 EA		Non-Friable					
Floor 01	OC	On Ceiling									
113											
Notes: Each fixture	has four bulbs a	and two ballasts.									

Project Number: P-0013158

Project Manager: Bruce A. Boehm Carlson

Sample Set Name: 1

Building Number: 109/111

Building Name Chisago County Jail Buildings Building Address 1: 109/111 North Main Street

Building Address 2:

Area Location	Material ID	Material ID Description Subcategory Description	Material Code	Asbestos Quantity Content	Lead Paint	Physical Assessment:		Pote	nage ential:	_	Cond Rating	AHERA Rating
Room Number	Subcat ID					Friability Condition	watei	r Air	Vib	ACC		
Jail	761	Door Closers	RW	3 EA		Non-Friable						
Floor 01	OD	On Door										
113												
Notes:												
Jail	763	Smoke Detector	RW	1 EA		Non-Friable						
Floor 01	OWC	On Wall/Ceiling										
113												
Notes:												
Jail	775	Security Camera	RW	2 EA		Non-Friable						
Floor 01	OWC	On Wall/Ceiling										
113												
Notes:												
Jail	705	Flourescent Light Fixtures	RW	1 EA		Non-Friable						
Floor 01	OC	On Ceiling										
114												
Notes: Each fixture	has two bulbs a	nd one ballast.										
Jail	742	Air Conditioners	RW	1 EA		Non-Friable						
Floor 01	IWW	In Wall/Window										
114		•										
Notes:												
Jail	763	Smoke Detector	RW	1 EA		Non-Friable						
Floor 01	OWC	On Wall/Ceiling										
114												
Notes:												

Project Number: P-0013158

Project Manager: Bruce A. Boehm Carlson

Sample Set Name: 1

Building Number: 109/111

Building Name Chisago County Jail Buildings Building Address 1: 109/111 North Main Street

Building Address 2:

Area Location	Material ID	Material ID Description Subcategory Description	Material Code	Asbestos Quantity Content	Lead Paint	Physical Assessment:		Dam Poter	_		Cond Rating	AHERA Rating
Room Number	Subcat ID					Friability Condition	Wate	r Air		Acc		
Jail	775	Security Camera	RW	1 EA		Non-Friable						
Floor 01	OWC	On Wall/Ceiling										
114												
Notes:												
Jail	702	Emergency Lighting	RW	1 EA		Non-Friable						
Floor 01	OWC	On Wall/Ceiling										
115												
Notes:												
Jail	705	Flourescent Light Fixtures	RW	3 EA		Non-Friable						
Floor 01	OC	On Ceiling										
115												
Notes: Each fixture	has two bulbs a	nd one ballast.										
Jail	705	Flourescent Light Fixtures	RW	2 EA		Non-Friable						
Floor 01	OC	On Ceiling										
115												
Notes: Each fixture	has one bulb an	d one ballast.										
Jail	748	Electronics	RW	4 EA		Non-Friable						
Floor 01	OW	On Wall										
115												
Notes:												
Jail	761	Door Closers	RW	1 EA		Non-Friable						
Floor 01	OD	On Door										
115												
Notes:												

Project Number: P-0013158

Project Manager: Bruce A. Boehm Carlson

Sample Set Name: 1

Building Number: 109/111

Building Name Chisago County Jail Buildings
Building Address 1: 109/111 North Main Street

Building Address 2:

Area Location	Material ID	Material ID Description Subcategory Description	Material Code	Asbestos Quantity Content	Lead Paint	Physical Assessment:		Dam Poter	ntial:		Cond Rating	AHERA Rating
Room Number	Subcat ID					Friability Condition	Wate	r Air	Vib	Acc		
Jail	763	Smoke Detector	RW	1 EA		Non-Friable						
Floor 01	OWC	On Wall/Ceiling										
115												
Notes:												
Jail	775	Security Camera	RW	5 EA		Non-Friable						
Floor 01	OWC	On Wall/Ceiling										
115												
Notes:												
Jail	705	Flourescent Light Fixtures	RW	1 EA		Non-Friable						
Floor 01	ОС	On Ceiling										
116												
Notes: Each fixture	has two bulbs a	nd one ballast.										
Jail	705	Flourescent Light Fixtures	RW	2 EA		Non-Friable						
Floor 01	OC	On Ceiling										
117												
Notes: Each fixture	has two bulbs a	nd one ballast.										
Jail	708	Thermostats	RW	1 EA		Non-Friable						
Floor 01	OW	On Wall										
117												
Notes:												
Jail	753	Chemicals/Cleaners	RW	2 GAL		Non-Friable						
Floor 01	OFC	On Floor/Counter										
117												
Notes:												

Project Number: P-0013158

Project Manager: Bruce A. Boehm Carlson

Sample Set Name: 1

Building Number: 109/111

Building Name Chisago County Jail Buildings Building Address 1: 109/111 North Main Street

Building Address 2:

Area Location Room Number	Material ID Subcat ID	Material ID Description Subcategory Description	Material Code	Asbestos Quantity Content	Lead Paint	Physical Assessment: Friability Condition	Wate	Dam Potei r Air	ntial:	Acc	Cond Rating	AHERA Rating
Jail	763	Smoke Detector	RW	1 EA		Non-Friable						
Floor 01	OWC	On Wall/Ceiling										
117		, 5										
Notes:												
Jail	705	Flourescent Light Fixtures	RW	1 EA		Non-Friable						
Floor 01	OC	On Ceiling										
118												
Notes: Each fixture	has two bulbs a	ind one ballast.										
Jail	708	Thermostats	RW	1 EA		Non-Friable						
Floor 01	OW	On Wall										
118												
Notes:												
Jail	775	Security Camera	RW	1 EA		Non-Friable						
Floor 01	OWC	On Wall/Ceiling										
118												
Notes:												
Jail	705	Flourescent Light Fixtures	RW	1 EA		Non-Friable						
Floor 01	ОС	On Ceiling										
119												
Notes: Each fixture	has two bulbs a	nd one ballast.										
Jail	775	Security Camera	RW	1 EA		Non-Friable						
Floor 01	OWC	On Wall/Ceiling										
119												
Notes:												

Project Number: P-0013158

Project Manager: Bruce A. Boehm Carlson

Sample Set Name: 1

Building Number: 109/111

Building Name Chisago County Jail Buildings Building Address 1: 109/111 North Main Street

Building Address 2:

Area Location	Material ID	Material ID Description Subcategory Description	Material Code	Asbestos Quantity Content	Lead Paint	Physical Assessment:		Dama Poten	_		Cond Rating	AHERA Rating
Room Number	Subcat ID	Subcategory Description	Code	Content	railit	Friability Condition	Water			Acc	Nating	Nating
Jail	705	Flourescent Light Fixtures	RW	1 EA		Non-Friable						
Floor 01	OC	On Ceiling										
120												
Notes: Each fixture	has two bulbs a	nd one ballast.										
Jail	775	Security Camera	RW	1 EA		Non-Friable						
Floor 01	OWC	On Wall/Ceiling										
120												
Notes:												
Jail	702	Emergency Lighting	RW	1 EA		Non-Friable						
Floor 01	OWC	On Wall/Ceiling										
121												
Notes:												
Jail	705	Flourescent Light Fixtures	RW	7 EA		Non-Friable						
Floor 01	OC	On Ceiling										
121												
Notes: Each fixture	has one bulb an	d one ballast.										
Jail	775	Security Camera	RW	2 EA		Non-Friable						
Floor 01	OWC	On Wall/Ceiling										
121		_										
Notes:												

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Client Name: TKDA

Project Number: P-0013158

Project Manager: Bruce A. Boehm Carlson

Sample Set Name: 1

Building Number: 109/111

Building Name Chisago County Jail Buildings Building Address 1: 109/111 North Main Street

Building Address 2:

Area Location	Material ID	Material ID Description Subcategory Description	Material Code	Asbestos Quantity Content	Lead Paint	Physical Assessment:		Dama Poten	_		Cond Rating	AHERA Rating
Room Number	Subcat ID	Subcategory Description	Code	Content	Pallit	Friability Condition	Water			Acc	Kating	Kating
Jail	705	Flourescent Light Fixtures	RW	4 EA		Non-Friable						
Floor 01	OC	On Ceiling										
122												
Notes: Each fixture	e has two bulbs a	nd one ballast.										
Jail	761	Door Closers	RW	3 EA		Non-Friable						
Floor 01	OD	On Door										
122												
Notes:												
Jail	775	Security Camera	RW	1 EA		Non-Friable						
Floor 01	OWC	On Wall/Ceiling										
122												
Notes:												
Jail	705	Flourescent Light Fixtures	RW	1 EA		Non-Friable						
Floor 01	OC	On Ceiling										
122A												
Notes: Each fixture	e has two bulbs a	nd one ballast.										
Jail	705	Flourescent Light Fixtures	RW	1 EA		Non-Friable						
Floor 01 122B	OC	On Ceiling										
Notes: Each fixture	e has two bulbs a	nd one ballast.										

AET Project No. P-0013158 Tables 53 of 67

Client Name: TKDA

Project Number: P-0013158

Project Manager: Bruce A. Boehm Carlson

Sample Set Name: 1

Building Number: 109/111

Building Name Chisago County Jail Buildings Building Address 1: 109/111 North Main Street

Building Address 2:

Area Location Room Number	Material ID Subcat ID	Material ID Description Subcategory Description	Material Code	Asbestos Quantity Content	Lead Paint	Physical Assessment: Friability Condition	Wate	Pote	nage ential: Vib	Acc	Cond Rating	AHERA Rating
Jail	705	Flourescent Light Fixtures	RW	1 EA		Non-Friable						
Floor 01 122C	ОС	On Ceiling										
Notes: Each fixture	has two bulbs a	nd one ballast.										
Jail	705	Flourescent Light Fixtures	RW	4 EA		Non-Friable						
Floor 01 123	OC	On Ceiling										
Notes: Each fixture	has two bulbs a	nd one ballast.										
Jail	761	Door Closers	RW	3 EA		Non-Friable						
Floor 01	OD	On Door										
123												
Notes:												
Jail	775	Security Camera	RW	1 EA		Non-Friable						
Floor 01	OWC	On Wall/Ceiling										
123												
Notes:												
Jail	705	Flourescent Light Fixtures	RW	1 EA		Non-Friable						
Floor 01 124	OC	On Ceiling										
Notes: Each fixture	has two bulbs a	nd one ballast.										

Project Number: P-0013158

Project Manager: Bruce A. Boehm Carlson

Sample Set Name: 1

Building Number: 109/111

Building Name Chisago County Jail Buildings Building Address 1: 109/111 North Main Street

Building Address 2:

Area Location	Material ID	Material ID Description Subcategory Description	Material Code	Asbestos Quantity Content	Lead Paint	Physical Assessment:		Dam: Poten	_		Cond Rating	AHERA Rating
Room Number	Subcat ID					Friability Condition	Water			Acc		
Jail	705	Flourescent Light Fixtures	RW	1 EA		Non-Friable						
Floor 01	OC	On Ceiling										
125												
Notes: Each fixture	e has two bulbs a	nd one ballast.										
Jail	705	Flourescent Light Fixtures	RW	1 EA		Non-Friable						
Floor 01	ОС	On Ceiling										
126												
Notes: Each fixture	e has two bulbs a	nd one ballast.										
Jail	702	Emergency Lighting	RW	1 EA		Non-Friable						
Floor 01	OWC	On Wall/Ceiling										
128												
Notes:												
Jail	705	Flourescent Light Fixtures	RW	6 EA		Non-Friable						
Floor 01	ОС	On Ceiling										
128												
Notes: Each fixture	e has one bulb an	d one ballast.										
Jail	775	Security Camera	RW	1 EA		Non-Friable						
Floor 01	OWC	On Wall/Ceiling										
128												
Notes:												

Project Number: P-0013158

Project Manager: Bruce A. Boehm Carlson

Sample Set Name: 1

Building Number: 109/111

Building Name Chisago County Jail Buildings Building Address 1: 109/111 North Main Street

Building Address 2:

Area Location	Material ID	Material ID Description Subcategory Description	Material Code	Asbestos Quantity Content	Lead Paint	Physical Assessment:		Dama Poten	_		Cond Rating	AHERA Rating
Room Number	Subcat ID	Subcategory Description	Code	Content	railit	Friability Condition	Water			Acc	Natilig	Rating
Jail	705	Flourescent Light Fixtures	RW	1 EA		Non-Friable						
Floor 01	OC	On Ceiling										
129												
Notes: Each fixture	has two bulbs a	nd one ballast.										
Jail	761	Door Closers	RW	2 EA		Non-Friable						
Floor 01	OD	On Door										
129												
Notes:												
Jail	705	Flourescent Light Fixtures	RW	4 EA		Non-Friable						
Floor 01	OC	On Ceiling										
130												
Notes: Each fixture	has two bulbs a	nd one ballast.										
Jail	761	Door Closers	RW	3 EA		Non-Friable						
Floor 01	OD	On Door										
130												
Notes:												
Jail	775	Security Camera	RW	1 EA		Non-Friable						
Floor 01	OWC	On Wall/Ceiling										
130												
Notes:												

Project Number: P-0013158

Project Manager: Bruce A. Boehm Carlson

Sample Set Name: 1

Building Number: 109/111

Building Name Chisago County Jail Buildings Building Address 1: 109/111 North Main Street

Building Address 2:

Area Location Room Number	Material ID Subcat ID	Material ID Description Subcategory Description	Material Code	Asbestos Quantity Content	Lead Paint	Physical Assessment: Friability Condition	Water	Dam Poten Air	itial:	Acc	Cond Rating	AHERA Rating
Jail	705	Flourescent Light Fixtures	RW	1 EA		Non-Friable						
Floor 01 131	OC	On Ceiling										
	e has two bulbs a	nd one ballast.										
Jail	705	Flourescent Light Fixtures	RW	1 EA		Non-Friable						
Floor 01 132	OC	On Ceiling										
	has two bulbs a	nd one ballast.										
Jail	705	Flourescent Light Fixtures	RW	1 EA		Non-Friable						
Floor 01 133	OC	On Ceiling										
Notes: Each fixture	has two bulbs a	nd one ballast.										
Jail	705	Flourescent Light Fixtures	RW	4 EA		Non-Friable						
Floor 01 134	OC	On Ceiling										
Notes: Each fixture	e has two bulbs a	nd one ballast.										
Jail	761	Door Closers	RW	3 EA		Non-Friable						
Floor 01	OD	On Door										
134												
Notes:												

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Client Name: TKDA

Project Number: P-0013158

Project Manager: Bruce A. Boehm Carlson

Sample Set Name: 1

Building Number: 109/111

Building Name Chisago County Jail Buildings Building Address 1: 109/111 North Main Street

Building Address 2:

Area Location	Material ID	Material ID Description Subcategory Description	Material Code	Asbestos Quantity Content	Lead Paint	Physical Assessment:		Dama Poten	tial:		Cond Rating	AHERA Rating
Room Number	Subcat ID					Friability Condition	Water	Air	Vib	Acc		
Jail	775	Security Camera	RW	1 EA		Non-Friable						
Floor 01	OWC	On Wall/Ceiling										
134												
Notes:												
Jail	705	Flourescent Light Fixtures	RW	1 EA		Non-Friable						
Floor 01	ОС	On Ceiling										
135												
Notes: Each fixture	has two bulbs a	nd one ballast.										
Jail	705	Flourescent Light Fixtures	RW	1 EA		Non-Friable						
Floor 01	OC	On Ceiling										
136												
Notes: Each fixture	has two bulbs a	nd one ballast.										
Jail	705	Flourescent Light Fixtures	RW	1 EA		Non-Friable						
Floor 01	OC	On Ceiling										
137												
Notes: Each fixture	has two bulbs a	nd one ballast.										
Jail	705	Flourescent Light Fixtures	RW	2 EA		Non-Friable						
Floor 01 138	OC	On Ceiling										
	e has two bulbs a	nd one hallast										

Project Number: P-0013158

Project Manager: Bruce A. Boehm Carlson

Sample Set Name: 1

Building Number: 109/111

Building Name Chisago County Jail Buildings Building Address 1: 109/111 North Main Street

Building Address 2:

Area Location	Material	Material ID Description		Asbestos Quantity Content	Lead	Physical		Dam Poter		Cond	AHERA
Room Number	ID Subcat ID	Subcategory Description	Code	Content	Paint	Assessment: Friability Condition	Water	Poter Air	Acc	Rating	Rating
Jail	775	Security Camera	RW	1 EA		Non-Friable					
Floor 01	OWC	On Wall/Ceiling									
138		, 3									
Notes:											
Jail	702	Emergency Lighting	RW	1 EA		Non-Friable					
Floor 01	OWC	On Wall/Ceiling									
139											
Notes:											
Jail	703	Exit Signs	RW	1 EA		Non-Friable					
Floor 01	OWC	On Wall/Ceiling									
139											
Notes:											
Jail	705	Flourescent Light Fixtures	RW	3 EA		Non-Friable					
Floor 01	ОС	On Ceiling									
139											
Notes: Each fixture	has one bulb an	d one ballast.									
Jail	775	Security Camera	RW	1 EA		Non-Friable					
Floor 01	OWC	On Wall/Ceiling									
139		_									
Notes:											
Jail	705	Flourescent Light Fixtures	RW	4 EA		Non-Friable					
Floor 01	OC	On Ceiling									
140											
Notes: Each fixture	has two bulbs a	nd one ballast.									

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Client Name: TKDA

Project Number: P-0013158

Project Manager: Bruce A. Boehm Carlson

Sample Set Name: 1

Building Number: 109/111

Building Name Chisago County Jail Buildings Building Address 1: 109/111 North Main Street

Building Address 2:

Area Location	Material ID	Material ID Description Subcategory Description	Material Code	Asbestos Quantity Content	Lead Paint	Physical Assessment:		Dama Poten	tial:		Cond Rating	AHERA Rating
Room Number	Subcat ID					Friability Condition	Water	Air	Vib	Acc		
Jail	761	Door Closers	RW	3 EA		Non-Friable						
Floor 01	OD	On Door										
140												
Notes:												
Jail	775	Security Camera	RW	1 EA		Non-Friable						
Floor 01	OWC	On Wall/Ceiling										
140												
Notes:												
Jail	705	Flourescent Light Fixtures	RW	1 EA		Non-Friable						
Floor 01	OC	On Ceiling										
141												
Notes: Each fixture	has two bulbs a	nd one ballast.										
Jail	705	Flourescent Light Fixtures	RW	1 EA		Non-Friable						
Floor 01	OC	On Ceiling										
142												
Notes: Each fixture	has two bulbs a	nd one ballast.										
Jail	705	Flourescent Light Fixtures	RW	1 EA		Non-Friable						
Floor 01	OC	On Ceiling										
143												
Notes: Each fixture	has two bulbs a	nd one ballast.										

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Client Name: TKDA

Project Number: P-0013158

Project Manager: Bruce A. Boehm Carlson

Sample Set Name: 1

Building Number: 109/111

Building Name Chisago County Jail Buildings Building Address 1: 109/111 North Main Street

Building Address 2:

Area	Material	Material ID Description		Asbestos Quantity	Lead	Physical		Dam	_		Cond	AHERA
Location	ID	Subcategory Description	Code	Content	Paint	Assessment:		Poten			Rating	Rating
Room Number	Subcat ID					Friability Condition	Water	Air	Vib	Acc		
Jail	705	Flourescent Light Fixtures	RW	1 EA		Non-Friable						
Floor 01	OC	On Ceiling										
144												
Notes: Each fixture	e has two bulbs a	nd one ballast.										
Jail	705	Flourescent Light Fixtures	RW	8 EA		Non-Friable						
Floor 01	OC	On Ceiling										
145												
Notes: Each fixture	e has two bulbs a	nd one ballast.										
Jail	775	Security Camera	RW	1 EA		Non-Friable						
Floor 01	OWC	On Wall/Ceiling										
145												
Notes:												
Jail	705	Flourescent Light Fixtures	RW	1 EA		Non-Friable						
Floor 01	ОС	On Ceiling										
146												
Notes: Each fixture	e has two bulbs a	nd one ballast.										
Jail	705	Flourescent Light Fixtures	RW	1 EA		Non-Friable						
Floor 01	OC	On Ceiling										
146												
Notes: Each fixture	e has one bulb an	d one ballast.										

Project Number: P-0013158

Project Manager: Bruce A. Boehm Carlson

Sample Set Name: 1

Building Number: 109/111

Building Name Chisago County Jail Buildings
Building Address 1: 109/111 North Main Street

Building Address 2:

Area Location	Material ID	Material ID Description Subcategory Description	Material Code	Asbestos Quantity Content	Lead Paint	Physical Assessment:	Mata	Dam Poter Air	ntial:	۸	Cond Rating	AHERA Rating
Room Number	Subcat ID					Friability Condition	water	AII	VID	Acc		
Jail	719	Fluorescent Bulbs	RW	50 EA		Non-Friable						
Floor 01	LOS	Loose										
147												
Notes:												
Jail	702	Emergency Lighting	RW	2 EA		Non-Friable						
Floor 01	OWC	On Wall/Ceiling										
148												
Notes:												
Jail	705	Flourescent Light Fixtures	RW	5 EA		Non-Friable						
Floor 01	OC	On Ceiling										
148		•										
Notes: Each fixture	has one bulb an	d one ballast.										
Jail	708	Thermostats	RW	1 EA		Non-Friable						
Floor 01	OW	On Wall										
148												
Notes:												
Jail	775	Security Camera	RW	1 EA		Non-Friable						
Floor 01	OWC	On Wall/Ceiling										
148		5 7 7 5										
Notes:												
Jail	705	Flourescent Light Fixtures	RW	6 EA		Non-Friable						
Floor 01	OC	On Ceiling										
149		-										

Project Number: P-0013158

Project Manager: Bruce A. Boehm Carlson

Sample Set Name: 1

Building Number: 109/111

Building Name Chisago County Jail Buildings Building Address 1: 109/111 North Main Street

Building Address 2:

Area Location	Material ID	Material ID Description		Asbestos Quantity Content	Lead Paint	Physical Assessment:		Dam Poter		Cond	AHERA
Room Number	טו Subcat ID	Subcategory Description	Code	Content	Paint	Friability Condition	Water		Acc	Rating	Rating
Jail	763	Smoke Detector	RW	1 EA		Non-Friable					
Floor 01	OWC	On Wall/Ceiling									
149											
Notes:											
Jail	775	Security Camera	RW	1 EA		Non-Friable					
Floor 01	OWC	On Wall/Ceiling									
149											
Notes:											
Jail	705	Flourescent Light Fixtures	RW	4 EA		Non-Friable					
Floor 01	ОС	On Ceiling									
150		_									
Notes: Each fixture	has one bulb an	d one ballast.									
Jail	708	Thermostats	RW	1 EA		Non-Friable					
Floor 01	OW	On Wall									
150											
Notes:											
Jail	721	TVs/Monitors	RW	3 EA		Non-Friable					
Floor 01	ODF	On Desk/Floor									
150											
Notes:											
Jail	748	Electronics	RW	3 EA		Non-Friable					
Floor 01	OW	On Wall									
150											
Notes:									 		

Project Number: P-0013158

Project Manager: Bruce A. Boehm Carlson

Sample Set Name: 1

Building Number: 109/111

Building Name Chisago County Jail Buildings Building Address 1: 109/111 North Main Street

Building Address 2:

Area Location	Material ID	Material ID Description Subcategory Description	Material Code	Asbestos Quantity Content	Lead Paint	Physical Assessment:		Dam: Poten	_		Cond Rating	AHERA Rating
Room Number	Subcat ID					Friability Condition	Water			Acc	8	8
Jail	705	Flourescent Light Fixtures	RW	1 EA		Non-Friable						
Floor 01	OC	On Ceiling										
151												
Notes: Each fixture	has one bulb an	d one ballast.										
Jail	705	Flourescent Light Fixtures	RW	1 EA		Non-Friable						
Floor 01	ОС	On Ceiling										
152												
Notes: Each fixture	e has one bulb an	d one ballast.										
Jail	753	Chemicals/Cleaners	RW	5 GAL		Non-Friable						
Floor 01	OFC	On Floor/Counter										
152												
Notes:												
Jail	705	Flourescent Light Fixtures	RW	7 EA		Non-Friable						
Floor 01	ОС	On Ceiling										
153												
Notes: Each fixture	e has one bulb an	d one ballast.										
Jail	763	Smoke Detector	RW	1 EA		Non-Friable						
Floor 01	OWC	On Wall/Ceiling										
153												
Notes:												

Project Number: P-0013158

Project Manager: Bruce A. Boehm Carlson

Sample Set Name: 1

Building Number: 109/111

Building Name Chisago County Jail Buildings Building Address 1: 109/111 North Main Street

Building Address 2:

Area Location	Material ID	Material ID Description Subcategory Description	Material Code	Asbestos Quantity Content	Lead Paint	Physical Assessment:		Dam Poter	_		Cond Rating	AHERA Rating
Room Number	Subcat ID					Friability Condition	Wate	r Air		Acc		
Jail	775	Security Camera	RW	1 EA		Non-Friable						
Floor 01	OWC	On Wall/Ceiling										
153												
Notes:												
Jail	705	Flourescent Light Fixtures	RW	1 EA		Non-Friable						
Floor 01	OC	On Ceiling										
154												
Notes: Each fixture	has two bulbs a	ind one ballast.										
Jail	719	Fluorescent Bulbs	RW	1 EA		Non-Friable						
Floor 01	СВ	Compact Bulb										
155												
Notes:												
Jail	705	Flourescent Light Fixtures	RW	1 EA		Non-Friable						
Floor 01	OC	On Ceiling										
156												
Notes: Each fixture	has two bulbs a	nd one ballast.										
Jail	763	Smoke Detector	RW	1 EA		Non-Friable						
Floor 01	OWC	On Wall/Ceiling										
156												
Notes:												
Jail	702	Emergency Lighting	RW	1 EA		Non-Friable						
Floor 01	OWC	On Wall/Ceiling										
157												
Notes:												

Project Number: P-0013158

Project Manager: Bruce A. Boehm Carlson

Sample Set Name: 1

Building Number: 109/111

Building Name Chisago County Jail Buildings Building Address 1: 109/111 North Main Street

Building Address 2:

Area Location	Material ID	Material ID Description Subcategory Description	Material Code	Asbestos Quantity Content	Lead Paint	Physical Assessment:		Dam Poter	_		Cond Rating	AHERA Rating
Room Number	Subcat ID					Friability Condition	Wateı	Air Air		Acc		
Jail	705	Flourescent Light Fixtures	RW	2 EA		Non-Friable						
Floor 01	OC	On Ceiling										
157												
Notes: Each fixture	has one bulb an	d one ballast.										
Jail	702	Emergency Lighting	RW	1 EA		Non-Friable						
Floor 01	OWC	On Wall/Ceiling										
158												
Notes:												
Jail	703	Exit Signs	RW	1 EA		Non-Friable						
Floor 01	OWC	On Wall/Ceiling										
158												
Notes:												
Jail	705	Flourescent Light Fixtures	RW	2 EA		Non-Friable						
Floor 01	OC	On Ceiling										
158												
Notes: Each fixture	has one bulb an	d one ballast.										
Jail	761	Door Closers	RW	1 EA		Non-Friable						
Floor 01	OD	On Door										
158												
Notes:												
Jail	775	Security Camera	RW	1 EA		Non-Friable						
Floor 01	OWC	On Wall/Ceiling										
158												
Notes:												

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Client Name: TKDA

Project Number: P-0013158

Project Manager: Bruce A. Boehm Carlson

Sample Set Name: 1

Building Number: 109/111

Building Name Chisago County Jail Buildings
Building Address 1: 109/111 North Main Street

Building Address 2:

Area Location Room Number	Material ID Subcat ID	Material ID Description Subcategory Description	Material Code	Asbestos Quantity Content	Lead Paint	Physical Assessment: Friability Condition	Water	Dam Poten	rtial:	Acc	Cond Rating	AHERA Rating
Jail	705	Flourescent Light Fixtures	RW	2 EA		Non-Friable	TTG:	7111	71.0	7100		
Floor 01 159	OC	On Ceiling										
	has two bulbs a	nd one ballast.										
Jail	705	Flourescent Light Fixtures	RW	1 EA		Non-Friable						
Floor 01 159	OC	On Ceiling										
Notes: Each fixture l	has one bulb an	d one ballast.										
Jail	742	Air Conditioners	RW	1 EA		Non-Friable						
Floor 01	IWW	In Wall/Window										
159												
Notes:												
Jail	763	Smoke Detector	RW	1 EA		Non-Friable						
Floor 01	OWC	On Wall/Ceiling										
159												
Notes:												
Jail	705	Flourescent Light Fixtures	RW	2 EA		Non-Friable						
Floor 01 160	OC	On Ceiling										
	has one bulb an	d one ballast.										

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Client Name: TKDA

Project Number: P-0013158

Project Manager: Bruce A. Boehm Carlson

Sample Set Name: 1

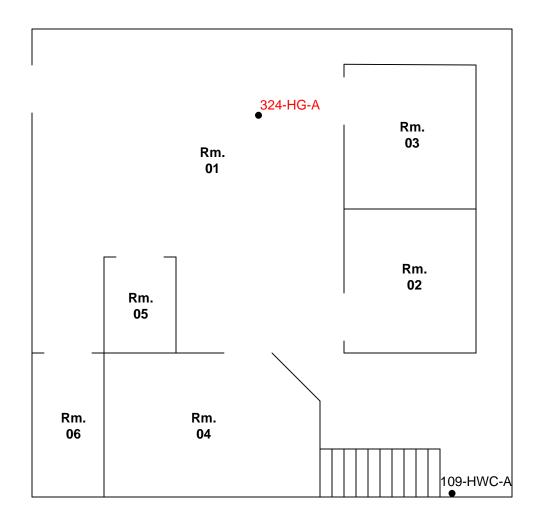
Building Number: 109/111

Building Name Chisago County Jail Buildings Building Address 1: 109/111 North Main Street

Building Address 2:

Area	Material	Material ID Description	Material	Asbestos Quantity	Lead	Physical		Dama	age		Cond	AHERA
Location	ID	Subcategory Description	Code	Content	Paint	Assessment:		Poten			Rating	Rating
Room Number	Subcat ID					Friability Condition	Water	Air	Vib	Acc		
Jail	775	Security Camera	RW	1 EA		Non-Friable						
Floor 01	OWC	On Wall/Ceiling										
160												
Notes:												
Jail	705	Flourescent Light	RW	2 EA		Non-Friable						
		Fixtures										
Floor 01	OC	On Ceiling										
161												
Notes: Each fixture ha	as one bulb an	d one ballast.										
Jail	775	Security Camera	RW	1 EA		Non-Friable						
Floor 01	OWC	On Wall/Ceiling										
161												
Notes:												

Figures



Legend

- Asbestos, Lead, PCB Sample Location

* Red indicates positive





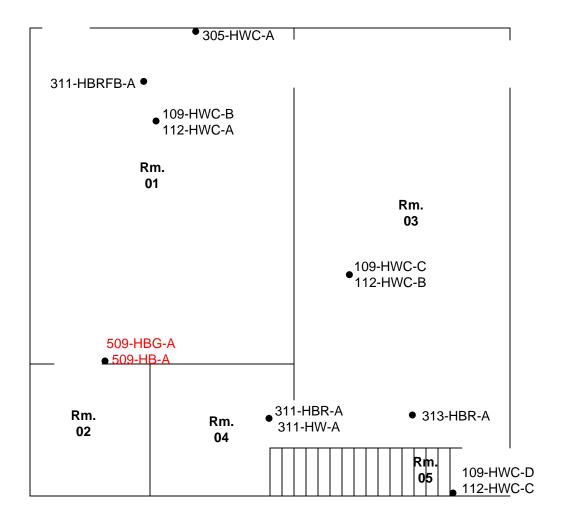
Scale: Not to Scale

Figure 1

109 Basement Sample Location Diagram

Asbestos and Regulated Waste Inspection

Chisago County Jail Buildings 109 North Main Street Chisago, MN 55012



Legend

* Red indicates positive





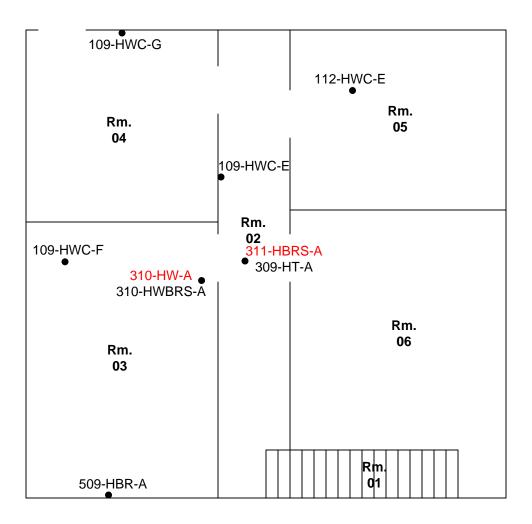
Scale: Not to Scale

Figure 2

109 Floor 01 Sample Location Diagram

Asbestos and Regulated Waste Inspection

Chisago County Jail Buildings 109 North Main Street Chisago, MN 55012



Legend

* Red indicates positive



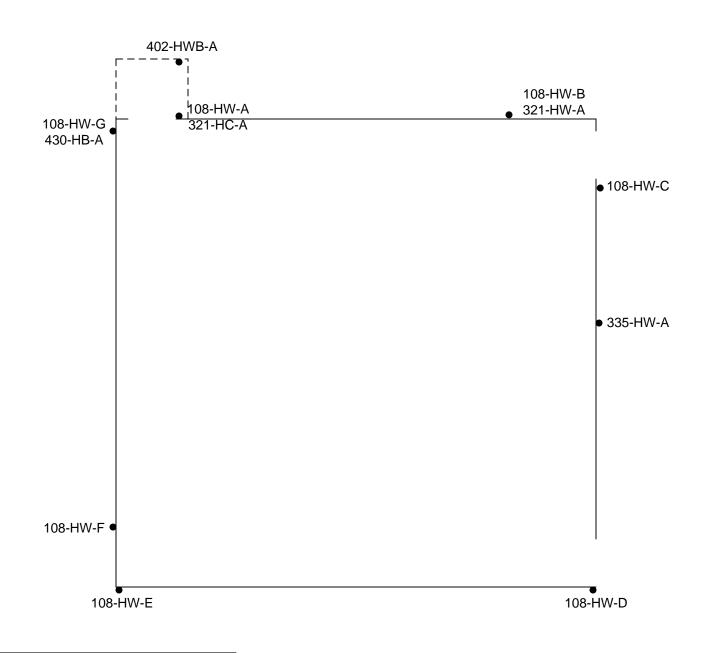


Scale: Not to Scale

Figure 3 109 Floor 02 Sample Location Diagram

Asbestos and Regulated Waste Inspection

Chisago County Jail Buildings 109 North Main Street Chisago, MN 55012



Legend

■ – Asbestos, Lead, PCB Sample Location

* Red indicates positive

109-HWC-D 112-HWC-C



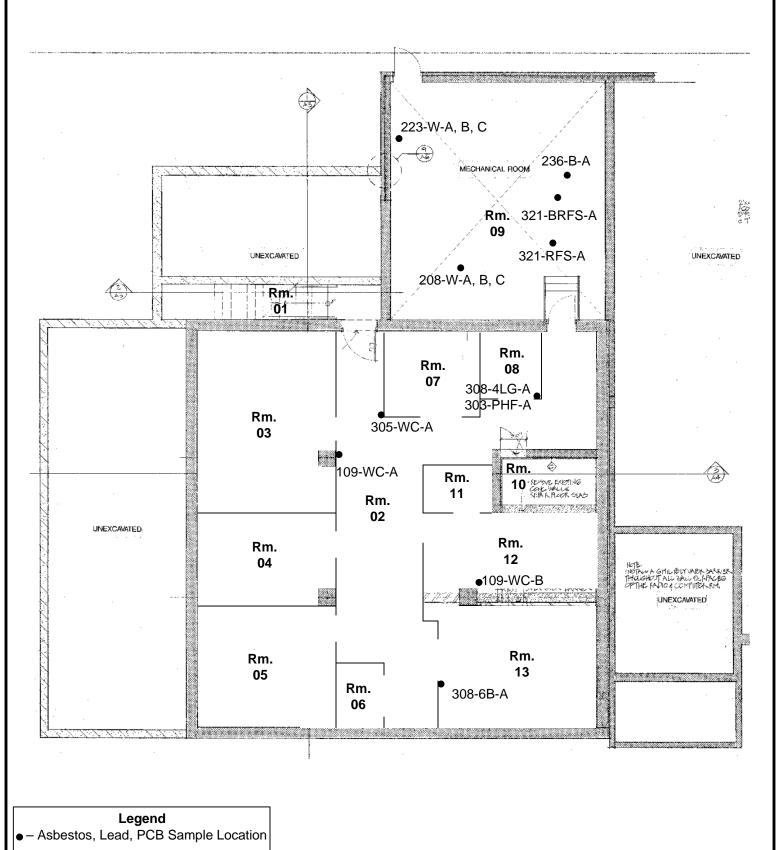


109 Exterior Sample Location Diagram
Asbestos and Regulated Waste Inspection

Chisago County Jail Buildings 109 North Main Street Chisago, MN 55012

Figure 4

Scale: Not to Scale



* Red indicates positive





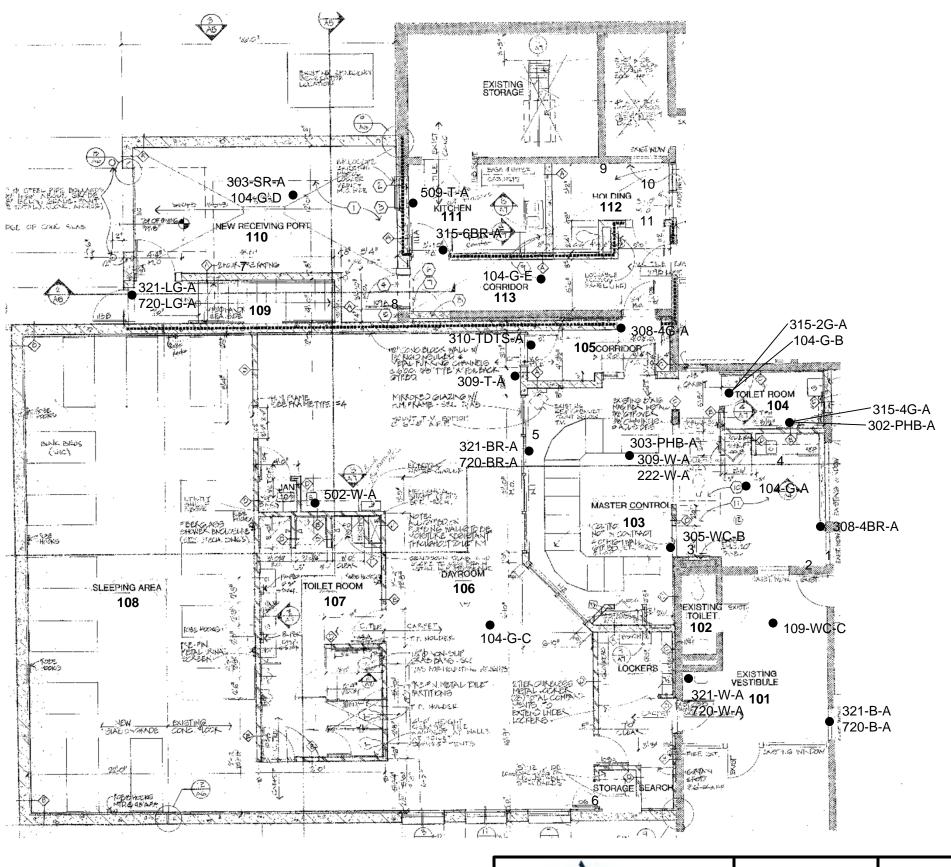
Scale: Not to Scale

Figure 5 111 Basement Sample Location Diagram

Asbestos and Regulated Waste Inspection
Chisago County Jail Buildings

Chisago County Jail Buildings 111 North Main Street Chisago, MN 55012

AET Project No. P-0013158 Figures 6 of 8



- **Legend**Asbestos and PCB Sample Location # - Lead Testing Location
 - * Red indicates positive



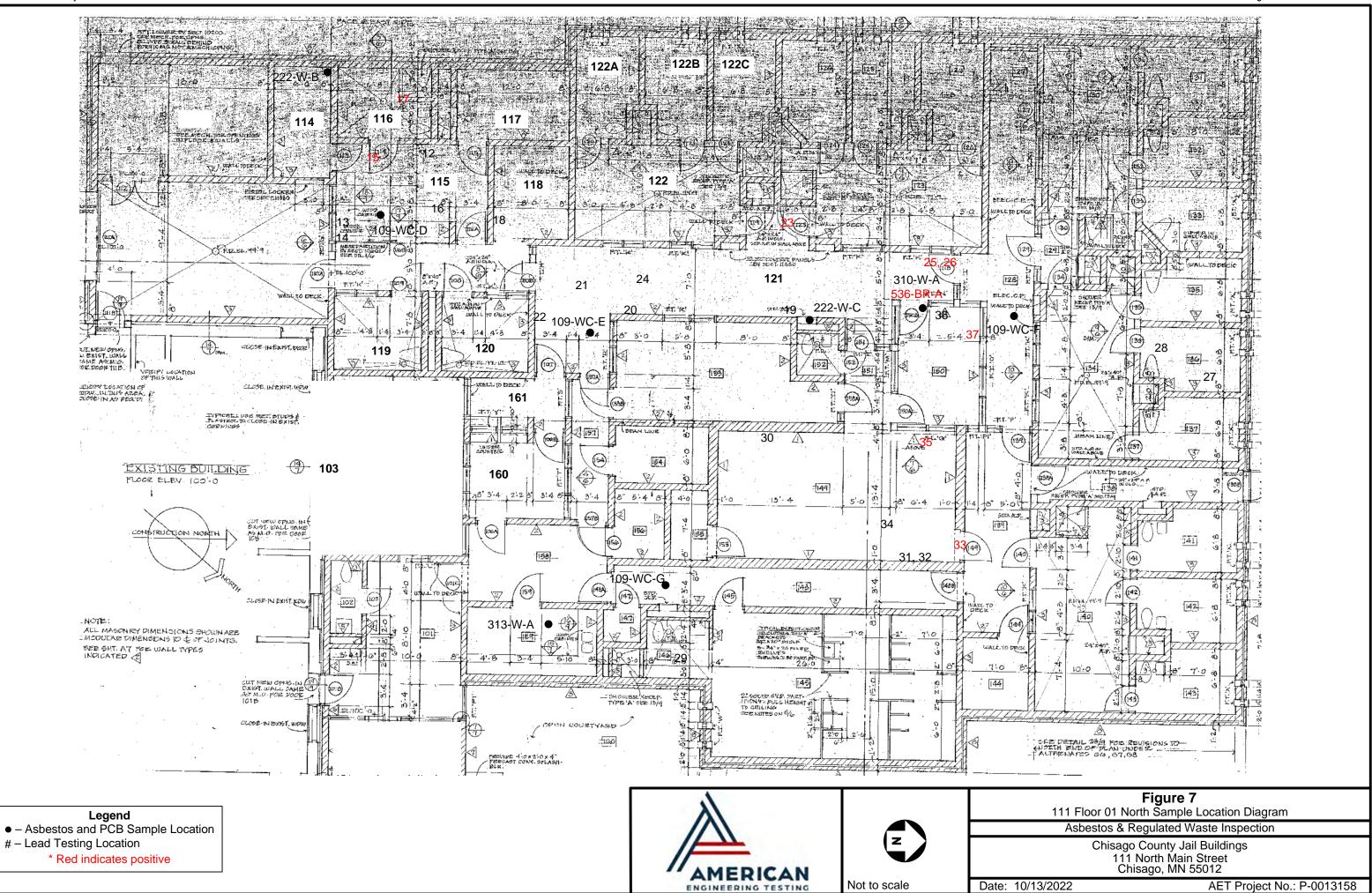


Figure 6
111 Floor 01 South Sample Location Diagram

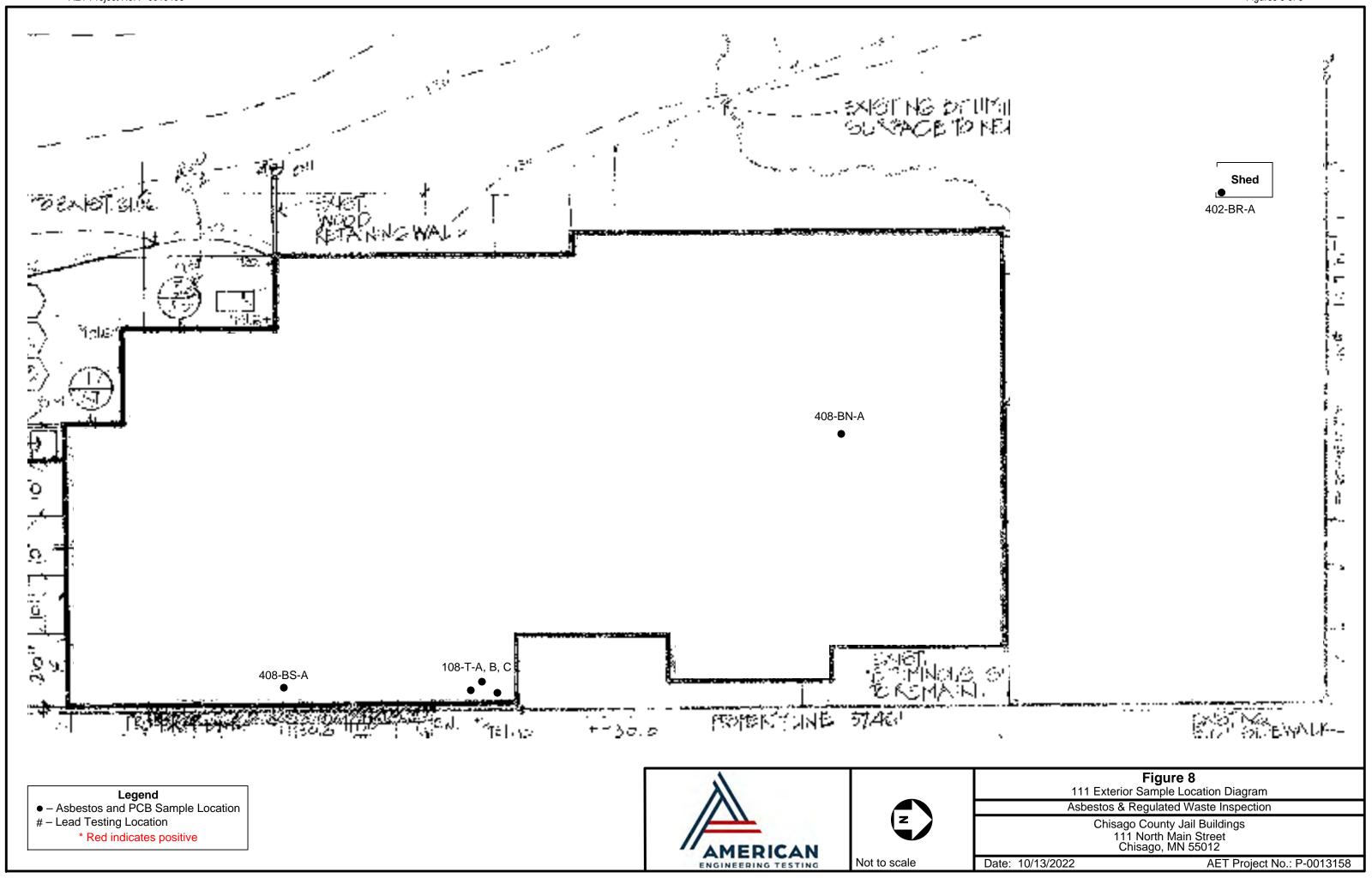
Asbestos & Regulated Waste Inspection

Chisago County Jail Buildings 111 North Main Street Chisago, MN 55012

AET Project No. P-0013158 Figures 7 of 8



AET Project No. P-0013158



Appendix A

Explanation of Tables

Appendix A - TABLE FORMAT EXPLANATION

The field data and the laboratory results are presented in the following tabular format:

Appendix B: Material Identification Inventory

- A room by room inventory of material types, quantity, conditions and potential for future disturbance.

Appendix C: Material Sample Analysis

- Indicates the location of bulk sample collection, material description and approximate percentage and type of fibers present.

MATERIAL IDENTIFICATION INVENTORY KEY

<u>Floor, Location, Room</u> – The floor, location, and room refers to where the material was located.

<u>Material Code (Mat'l Code)</u> - Asbestos-containing materials are categorized into three main types:

- 1) <u>Surfacing Material (S)</u>: Material in a building that is sprayed-on, troweled-on, or otherwise applied to surfaces.
- 2) <u>Thermal System Insulation (T)</u>: Material applied to pipes, fittings, tanks, ducts, etc., to prevent heat loss or gain or serve as condensation control.
- 3) <u>Miscellaneous Material (M)</u>: Material on interior structural components, structural members or fixtures, but not including surfacing materials and thermal insulators (e.g., floor and ceiling tiles).

<u>Material Identification</u> - Description of the material found in the location. (NOTE: Pipe diameters are approximate, outside diameters of the insulating materials).

<u>Asbestos Content</u> - This column specifies whether or not the bulk sample, or referenced bulk sample, for the described material tested contains >1% asbestos. ND means "No Asbestos Detected", NS means "Material Is Not Suspect", PRE means "Presumed Asbestos-Containing Material"; NT means "Not Tested". TR means "Trace" (trace = <1%).

<u>Reference Sample Number</u> - The sample number refers to the number assigned to the set of samples collected for the homogeneous material described (refer to Appendix C).

<u>Quantity</u> - The amount of material present. The parameters of each quantity expressed as follows:

- 1) Square Feet (SF)
- 2) Linear Feet (LF)
- 3) Each (EA)

<u>Physical Assessment</u> - This column is divided into two sections describing the condition of the material at the time of the survey.

The first column expressed the friability of the material as follows:

- 1) <u>Friable (F)</u> The material can be pulverized and reduced to a powder by manual pressure when dry; this could include damaged non-friable materials.
- 2) Non-Friable (N) The material can not be crumbled using hand pressure.

The second column expressed the conditions of the material at the time of the survey as follows:

- Not Damaged
- <u>D</u> Damaged, the material has deteriorated or sustained physical injury such that it is not intact, less than 25% localized damage or less than 10% overall damage.
- \underline{S} Significantly Damaged, the damage is extensive and severe, the asbestos-containing material has sustained greater than 25% localized damage or greater than 10% overall damage.

<u>Damage Potential</u> - This is a group of four columns that address the potential for the material to be disturbed/damaged in the future as follows:

- \underline{L} Low potential for damage
- M Moderate potential for damage
- <u>H</u> High potential for damage or significant damage
- 1) <u>Air Erosion (Air)</u>: The potential for air erosion to a material is determined by the movement of air in the area of the material and the relationship between the friability of the material and its location in respect to air plenums and air streams.
- 2) <u>Vibrational Damage (Vib)</u>: This type of damage potential is determined by the presence of sounds, motors, mechanical equipment or other vibrational disturbances.
- 3) <u>Accessibility (Acc)</u>: This column indicates the general use patterns of the area and the potential for contact with the material abbreviated as follows:
 - L accessed less than once per month
 - $\underline{\mathbf{M}}$ routine access by Operations and Maintenance Workers, between once per week to once per month
 - $\underline{\mathrm{H}}$ generally accessible, routine contact by any building occupant, access more than once per week

MATERIAL SAMPLE ANALYSIS KEY

CHAIN OF CUSTODY

<u>Sample Numbers</u>: The sample number refers to the number assigned to the set of samples taken from a single homogeneous material. The letter following the number identifies samples individually within a homogeneous sample series (e.g. "A", "B", and "C" for three samples of one floor tile type).

<u>Description</u>: This column is a written description of the material that was sampled.

Notes – The floor, location, and room refers to where the material was located.

Sample Type: Bulk samples are identified by the letter B.

LAB RESULTS: ASBESTOS PLM REPORT: METHOD 600/R-93-116

Location: Represents the sample number and material description from the Chain of Custody.

<u>Percent and Type Asbestos</u>: This is a detailed breakdown of approximate percentage and mineral species of asbestos found during bulk sample analysis.

<u>Percent and Type Non-Asbestos and Percent Non-Fibrous Constituents</u>: Listing of approximate percentage of the remaining.

ASBESTOS BUILDING SURVEY METHODS

The asbestos survey was conducted in accordance with 29CFR1926.1101, 40 CFR Part 61 and state or local requirements. All surveys are conducted by accredited inspectors.

The asbestos survey included identifying friable and non-friable, asbestos-containing building materials (ACBM), on an area-by-area basis, assessment of friability, current condition and potential for future disturbance of the material, an estimate of the amount of ACBM, and an overall condition rating of the material.

AET identified and categorized suspect materials into three groups: 1) thermal system insulation (T) including pipe, HVAC insulation and fitting insulation; 2) sprayed-on or troweled-on surfacing material (S) including acoustical plaster, soundproofing, fireproofing, and decorative materials; and 3) miscellaneous materials (M) including ceiling tile and floor tile.

The inspector performed a visual estimation of the quantity of asbestos-containing materials and the current condition of these materials in all accessible areas. Factors included in the condition assessment are adhesion of the material to the underlying substrate, deterioration of the outer covering, delamination, contact damage, and materials disintegration.

Friability and potential for future damage of asbestos materials was also assessed by the inspector. Damage potential was evaluated by observation of conditions most likely to result in disturbance of asbestos-containing materials. These conditions are:

<u>Air Erosion</u> -- A direct air stream moving across the material erodes the material, thereby creating airborne fibers. The potential for air erosion is determined by the relationship between the friability of the material and its location in respect to air plenums and air streams.

<u>Vibrational Damage</u> - determined by the presence of noise, physical movement and mechanical vibrations, which can create ambient fiber release.

<u>Accessibility</u> - If the material can be reached, it is accessible and subject to accidental or intentional contact damage.

Bulk samples of suspect materials were collected in a random and unbiased manner. Representative bulk samples of suspect materials were collected to determine the extent of ACBM present throughout the building. Sampling was completed in accordance with 40CFR763 (AHERA).

Sampling procedures utilized by the accredited inspector minimized fiber dispersal and conformed with applicable regulations. Suspect asbestos-containing materials were be analyzed by a NVLAP accredited laboratory using the Environmental Protection Agency (EPA) recommended polarized light microscopy (PLM) with dispersion staining analytical technique.

The Environmental Protection Agency (EPA) requires that any sample with an asbestos content estimated to be less than 10 percent by a method other than point counting, such as visual estimation, shall be repeated using the point counting technique with PLM. However, if the laboratory detects asbestos in the samples and estimates the amount by visual estimation to be less than 10 percent, the owner or operator of the building may elect to treat the material as asbestos-containing. A sample in which no asbestos is detected does not require repeat analysis using point counting techniques with PLM. Samples analyzed for this survey with values less than 10 percent have not been point counted and have been assumed to contain asbestos greater than 1 percent.

Appendix B

Material Identification and Inventory

Appendix B - Material Identification Inventory Report

Client Name: TKDA Project Number: P-0013158

Project Manager: Bruce A. Boehm Carlson

Sample Set Name: 1

Building Number: 109/111

Building Name Chisago County Jail Buildings Building Address 1: 109/111 North Main Street

Building Address 2:

Area Location Room Number	Material ID Subcat ID	Material ID Description Subcategory Description	Material Code	Asbestos Content	Quantity	Lead Paint	Physical Assessment: Friability Condition	Water	Dam Poten Air	tial:	Acc	Cond Rating	AHERA Rating
House	109	Plaster	S	ND			Friable					7	7
Basement	HWC	House Walls and Ceilings											
01													
Notes: Located throu	ghout the hou	se.											
House	316	Concrete	М	NS			Non-Friable					0	NA
Basement	HFW	House Floors and Walls											
01													
Notes: Located throu	ghout.												
House	324	Cement Board/Pipe	М	YES	397 SF		Non-Friable						
Basement	HG	House Gray											
01													
Notes: Located in the	House Basem	ent Rms. 01 (397 SF), 02 (3	0 SF), 03 (3	0 SF), 05 (16 SF), and	06 (40	SF) for an approximate	total of 5	13 SF.				
House	329	Wood	М	NS			Non-Friable					0	NA
Basement	HFWC	House Floor, Walls, Ceiling											
01													
Notes: Located throu	ghout.												
House	702	Emergency Lighting	RW		1 EA		Non-Friable						
Basement	HOWC	House On Wall/Ceiling											
01													
Notes:													

Project Number: P-0013158

Project Manager: Bruce A. Boehm Carlson

Sample Set Name: 1

Building Number: 109/111

Building Name Chisago County Jail Buildings Building Address 1: 109/111 North Main Street

Building Address 2:

Area Location Room Number	Material ID Subcat ID	Material ID Description Subcategory Description	Material Code	Asbestos Quantity Content	Lead Paint	Physical Assessment: Friability Condition	Wate	Dam Poter r Air	itial:	Acc	Cond Rating	AHERA Rating
House	705	Flourescent Light Fixtures	RW	1 EA		Non-Friable						
Basement	HOC	House on Ceiling										
01												
Notes: Fixture has	two bulbs and o	ne ballast.										
House	719	Fluorescent Bulbs	RW	12 EA		Non-Friable						
Basement	HLOS	House Loose										
01												
Notes:												
House	721	TVs/Monitors	RW	1 EA		Non-Friable						
Basement	HOFS	House On Floor/Shelves										
01												
Notes:												
House	748	Electronics	RW	2 EA		Non-Friable						
Basement	HOW	House on Wall										
01												
Notes:												
House	751	Paint Cans	RW	6 GAL		Non-Friable						
Basement	HOFS	House On Floor/Shelves										
01												
Notes:												
House	753	Chemicals/Cleaners	RW	8 GAL		Non-Friable						
Basement	HOFS	House On Floor/Shelves										
01												
Notes:												

AET Project No. P-0013158 Page B 3 of 66

Client Name: TKDA

Project Number: P-0013158

Project Manager: Bruce A. Boehm Carlson

Sample Set Name: 1

Building Number: 109/111

Building Name Chisago County Jail Buildings
Building Address 1: 109/111 North Main Street

Building Address 2:

Area Location Room Number	Material ID Subcat ID	Material ID Description Subcategory Description	Material Code	Asbestos Quantity Content	Lead Paint	Physical Assessment: Friability Condition	Water	Dama Poten Air	tial:	Acc	Cond Rating	AHERA Rating
House	763	Smoke Detector	RW	1 EA		Non-Friable						
Basement	HOWC	House On Wall/Ceiling										
01												
Notes:												
House	322	Steel	M	NS		Non-Friable					0	NA
Basement	HWC	House Walls and Ceilings										
02												
Notes: Located in I	House Basement	Rms. 02 and 03.										
House	324	Cement Board/Pipe	М	YES 30 SF		Non-Friable						
Basement	HG	House Gray										
02												
Notes: Located in t	he House Basem	ent Rms. 01 (397 SF), 02 (30	O SF), 03 (3	80 SF), 05 (16 SF), and	06 (40	SF) for an approximate	total of	513 SF.				
Notes: Located in t	the House Basem		O SF), 03 (3 M	YES 30 SF	06 (40	SF) for an approximate Non-Friable	total of	513 SF.				
		cent Rms. 01 (397 SF), 02 (30 Cement Board/Pipe House Gray			06 (40		total of	513 SF.				
House Basement	324	Cement Board/Pipe			06 (40		total of	513 SF.				
House Basement 03	324 HG	Cement Board/Pipe	М	YES 30 SF		Non-Friable						
House Basement 03 Notes: Located in t	324 HG :he House Basem	Cement Board/Pipe House Gray	М	YES 30 SF		Non-Friable						
House Basement 03 Notes: Located in t	324 HG he House Basem 711	Cement Board/Pipe House Gray ent Rms. 01 (397 SF), 02 (30	M D SF), 03 (3	YES 30 SF		Non-Friable SF) for an approximate						
House Basement 03 Notes: Located in t House Basement	324 HG :he House Basem	Cement Board/Pipe House Gray ent Rms. 01 (397 SF), 02 (30	M D SF), 03 (3	YES 30 SF		Non-Friable SF) for an approximate						
House Basement 03 Notes: Located in t	324 HG he House Basem 711	Cement Board/Pipe House Gray ent Rms. 01 (397 SF), 02 (30	M D SF), 03 (3	YES 30 SF		Non-Friable SF) for an approximate						
House Basement 03 Notes: Located in t House Basement 03	324 HG he House Basem 711	Cement Board/Pipe House Gray ent Rms. 01 (397 SF), 02 (30	M D SF), 03 (3	YES 30 SF		Non-Friable SF) for an approximate						
House Basement 03 Notes: Located in t House Basement 03 Notes:	324 HG :he House Basem 711 HOFS	Cement Board/Pipe House Gray ent Rms. 01 (397 SF), 02 (30 Tires House On Floor/Shelves	M O SF), 03 (3 RW	YES 30 SF 30 SF), 05 (16 SF), and 1 EA		Non-Friable SF) for an approximate Non-Friable						
House Basement 03 Notes: Located in t House Basement 03 Notes: House	324 HG the House Basem 711 HOFS	Cement Board/Pipe House Gray ent Rms. 01 (397 SF), 02 (30 Tires House On Floor/Shelves Boiler	M O SF), 03 (3 RW	YES 30 SF 30 SF), 05 (16 SF), and 1 EA		Non-Friable SF) for an approximate Non-Friable						

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Client Name: TKDA

Project Number: P-0013158

Project Manager: Bruce A. Boehm Carlson

Sample Set Name: 1

Building Number: 109/111

Building Name Chisago County Jail Buildings
Building Address 1: 109/111 North Main Street

Building Address 2:

Area Location Room Number	Material ID Subcat ID	Material ID Description Subcategory Description	Material Code	Asbestos Quantity Content	Lead Paint	Physical Assessment: Friability Condition	Water	Dama Poten Air	tial:	Acc	Cond Rating	AHERA Rating
House	747	Appliances	RW	1 EA		Non-Friable						
Basement	HWH	House Water Heater										
04												
Notes:												
House	324	Cement Board/Pipe	М	YES 16 SF		Non-Friable						
Basement	HG	House Gray										
05												
Notes: Located in t	he House Basem	ent Rms. 01 (397 SF), 02 (3	O SF), 03 (3	0 SF), 05 (16 SF), and	06 (40	SF) for an approximate	total of	513 SF.				
House	753	Chemicals/Cleaners	RW	5 GAL		Non-Friable						
Basement	HOFS	House On Floor/Shelves										
05												
Notes:												
House	324	Cement Board/Pipe	М	YES 40 SF		Non-Friable						
Basement	HG	House Gray										
06												
Notes: Located in t	he House Basem	ent Rms. 01 (397 SF), 02 (3	O SF), 03 (3	0 SF), 05 (16 SF), and	06 (40	SF) for an approximate	total of	13 SF.				
House	108	Stucco	S	ND		Non-Friable						
Exterior	HW	House White										
Notes:												
House	321	Caulk	М	ND		Non-Friable						
Exterior	НС	House Clear										
Notes: Located on	and in the house											

Project Number: P-0013158

Project Manager: Bruce A. Boehm Carlson

Sample Set Name: 1

Building Number: 109/111

Building Name Chisago County Jail Buildings
Building Address 1: 109/111 North Main Street

Building Address 2:

City, State Zip: Center City, MN 55012

Area Location	Material ID	Material ID Description Subcategory Description	Material Code	Asbestos Qua Content	ntity Lead Paint	•		Dam Potei	_		Cond Rating	AHERA Rating
Room Number	Subcat ID					Friability Condition	Wate	r Air	Vib	Acc		
House	321	Caulk	M	ND		Non-Friable						
Exterior	HW	House White										
Notes: Located on a	nd in the house	2.										
House	335	Glazing	М	ND		Friable					7	7
Exterior	HW	House White										
Notes: Located on a	II the house wi	ndows.										
House	430	Tar	М	ND		Non-Friable						
Exterior	НВ	House Black										
Notes:												
House	706	High Intensity Discharge Lighting	RW	1	EΑ	Non-Friable						
Exterior	HOW	House on Wall										
Notes:												
House	710	Treated Lumber	RW	210	SF	Non-Friable						
Exterior	HDSP	House Deck/Stairs/Posts										
Notes:												
House	775	Security Camera	RW	1	ΞA	Non-Friable						
Exterior	HOWP	House on Wall/Post										
Notes:												
House	402	Shingles	М	ND		Non-Friable						
Exterior	HWB	House White/Black										
Roof												
Notes:												

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Project Number: P-0013158

Project Manager: Bruce A. Boehm Carlson

Sample Set Name: 1

Building Number: 109/111

Building Name Chisago County Jail Buildings
Building Address 1: 109/111 North Main Street

Building Address 2:

City, State Zip: Center City, MN 55012

Location Room Number ID Subcate ID Subcate ID Code Content Paint Assessment: Friability Condition House Floor 01 HWC House Walls and Ceilings S ND Friable Floor 01 Notes: Located throughout the house. HWC House Walls and Ceilings S ND Friable Floor 01 HWC House Walls and Ceilings Friable Friable Notes: Located throughout the house. HWC House Walls and Ceilings Floor 01 HWC House Walls and Ceilings M ND Friable Floor 01 HWC House Walls and Ceilings Friable Friable Notes: Located throughout the house. HWC House Walls and Ceilings 01 Notes: Located throughout the house. HBRFB House Brown w/ Fiber Backing 01 Notes: Located throughout the house. HBRFB House Brown w/ Fiber Backing 01 Notes: Located throughout the house. HBRFB House Brown w/ Fiber Backing 01 Notes: Located throughout the house. HBRFB House Brown w/ Fiber Backing	amage tential:	Cond Rating	AHERA Rating
Floor 01	ir Vib Acc	natilig	Natilig
Notes: Located throughout the house. House 112 Wall & Ceiling Texture S ND Friable Floor 01 HWC House Walls and Ceilings 01 Notes: Located throughout the house. House 305 Sheetrock & Taping M ND Friable Floor 01 HWC House Walls and Ceilings 01 Notes: Located throughout the house. House Walls and Ceilings 01 Notes: Located throughout the house. House 311 9x9 Floor Tile & Mastic M ND Friable Floor 01 HBRFB House Brown w/ Fiber Backing 01 Notes: House 509 Adhesive M YES 560 SF Non-Friable Floor 01 HB HB House Black 01		7	7
Notes: Located throughout the house. House 112 Wall & Ceiling Texture S ND Friable Floor 01 HWC House Walls and Ceilings 01 Notes: Located throughout the house. House 305 Sheetrock & Taping M ND Friable Compound Floor 01 HWC House Walls and Ceilings 01 Notes: Located throughout the house. House 311 9x9 Floor Tile & Mastic M ND Friable Floor 01 HBRFB House Brown w/ Fiber Backing 01 Notes: House 509 Adhesive M YES 560 SF Non-Friable Floor 01 HB House Black 01			
House 112 Wall & Ceiling Texture S ND Friable Floor 01 HWC House Walls and Ceilings 01 Notes: Located throughout the house. House 305 Sheetrock & Taping Compound Floor 01 HWC House Walls and Ceilings 01 Notes: Located throughout the house. House 311 9x9 Floor Tile & Mastic M ND Friable Floor 01 HBRFB House Brown w/ Fiber Backing 01 Notes: Located throughout the house Brown w/ Fiber Backing 01 Notes: House 509 Adhesive M YES 560 SF Non-Friable Floor 01 HB House Black 01			
Floor 01 HWC House Walls and Ceilings 01 Notes: Located throughout the house. House 305 Sheetrock & Taping M ND Friable Compound Floor 01 HWC House Walls and Ceilings 01 Notes: Located throughout the house. House 311 9x9 Floor Tile & Mastic M ND Friable Floor 01 HBRFB House Brown w/ Fiber Backing 01 Notes: House 509 Adhesive M YES 560 SF Non-Friable Floor 01 HB House Black 01			
Notes: Located throughout the house. House 305 Sheetrock & Taping Compound Floor 01 HWC House Walls and Ceilings 01 Notes: Located throughout the house. House 311 9x9 Floor Tile & Mastic M ND Friable Floor 01 HBRFB House Brown w/ Fiber Backing 01 Notes: House 509 Adhesive M YES 560 SF Non-Friable Floor 01 HB HBRFB House Black 01		7	7
Notes: Located throughout the house. House 305 Sheetrock & Taping Compound Floor 01 HWC House Walls and Ceilings 01 Notes: Located throughout the house. House 311 9x9 Floor Tile & Mastic M ND Friable Floor 01 HBRFB House Brown w/ Fiber Backing 01 Notes: House 509 Adhesive M YES 560 SF Non-Friable Floor 01 HB House Black 01			
House 305 Sheetrock & Taping M ND Friable Floor 01 HWC House Walls and Ceilings O1 Notes: Located throughout the house. House 311 9x9 Floor Tile & Mastic M ND Friable Floor 01 HBRFB House Brown w/ Fiber Backing O1 Notes: House 509 Adhesive M YES 560 SF Non-Friable Floor 01 HB House Black O1			
Compound Floor 01			
Notes: Located throughout the house. House 311 9x9 Floor Tile & Mastic M ND Friable Floor 01 HBRFB House Brown w/ Fiber Backing 01 Notes: House 509 Adhesive M YES 560 SF Non-Friable Floor 01 HB House Black 01		7	7
Notes: Located throughout the house. House 311 9x9 Floor Tile & Mastic M ND Friable Floor 01 HBRFB House Brown w/ Fiber Backing 01 Notes: House 509 Adhesive M YES 560 SF Non-Friable Floor 01 HB House Black 01			
House 311 9x9 Floor Tile & Mastic M ND Friable Floor 01 HBRFB House Brown w/ Fiber Backing 01 Notes: House 509 Adhesive M YES 560 SF Non-Friable Floor 01 HB House Black 01			
Floor 01 HBRFB House Brown w/ Fiber Backing 01 Notes: House 509 Adhesive M YES 560 SF Non-Friable Floor 01 HB House Black 01			
Backing 01 Notes: House 509 Adhesive M YES 560 SF Non-Friable Floor 01 HB House Black 01		7	7
Notes: House 509 Adhesive M YES 560 SF Non-Friable Floor 01 HB House Black 01			
House 509 Adhesive M YES 560 SF Non-Friable Floor 01 HB House Black 01			
Floor 01 HB House Black 01			
01			
Notes: Located on the walls.			
House 509 Adhesive M YES 560 SF Non-Friable			
Floor 01 HBG House Beige			
01			
Notes: Located on the walls in the House Fl. 01 Rms. 01 (560 SF) and 03 (600 SF) for an approximate total of 1,160 SF.			

Thursday, October 13, 2022 4:12:46 PM

American Engineering Testing, Inc. 550 Cleveland Avenue North St. Paul, MN 55114

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Project Number: P-0013158

Project Manager: Bruce A. Boehm Carlson

Sample Set Name: 1

Building Number: 109/111

Building Name Chisago County Jail Buildings
Building Address 1: 109/111 North Main Street

Building Address 2:

Location Room NumberID Subcate IDSubcategory DescriptionCode ContentContentPaint PriabilityAssessment: FriabilityHouse705Flourescent Light FixturesRW2 EANon-FriableFloor 01HOCHouse on Ceiling1Notes:Each fixture has two bulbs and one ballast.W1 EANon-FriableHouse708Thermostats House on WallRW1 EANon-Friable101Notes:Non-FriableHouse748Electronics Howse on WallRW3 EANon-Friable101Notes:Non-FriableHouse763Smoke Detector Howse On Wall/CeilingRW1 EANon-FriableFloor 01HOWCHouse On Wall/CeilingNon-Friable101Notes:Non-Friable	Water A	otential: <u>Air Vik</u>	Rating	Rating
Fixtures Floor 01				
Notes: Each fixture has two bulbs and one ballast. House 708 Thermostats RW 1 EA Non-Friable Floor 01 HOW House on Wall 01 Notes: House 748 Electronics RW 3 EA Non-Friable Floor 01 HOW House on Wall 01 Notes: House 763 Smoke Detector RW 1 EA Non-Friable Floor 01 HOWC House On Wall/Ceiling 01 Notes: House 322 Steel M NS Non-Friable				
Notes: Each fixture has two bulbs and one ballast. House 708 Thermostats RW 1 EA Non-Friable Floor 01 HOW House on Wall 01 Notes: House 748 Electronics RW 3 EA Non-Friable Floor 01 HOW House on Wall 01 Notes: House 763 Smoke Detector RW 1 EA Non-Friable Floor 01 HOWC House On Wall/Ceiling 01 Notes: House 322 Steel M NS Non-Friable				
House 708 Thermostats RW 1 EA Non-Friable Floor 01 HOW House on Wall 01 Notes: House 748 Electronics RW 3 EA Non-Friable Floor 01 HOW House on Wall 01 Notes: House 763 Smoke Detector RW 1 EA Non-Friable Floor 01 HOWC House On Wall/Ceiling 01 Notes: House 322 Steel M NS Non-Friable				
Floor 01 HOW House on Wall Notes: House 748 Electronics RW 3 EA Non-Friable Floor 01 HOW House on Wall 01 Notes: House 763 Smoke Detector RW 1 EA Non-Friable Floor 01 HOWC House On Wall/Ceiling 01 Notes: House 322 Steel M NS Non-Friable				
Notes: House 748 Electronics RW 3 EA Non-Friable Floor 01 HOW House on Wall 01 Notes: House 763 Smoke Detector RW 1 EA Non-Friable Floor 01 HOWC House On Wall/Ceiling 01 Notes: House 322 Steel M NS Non-Friable				
Notes: House 748 Electronics RW 3 EA Non-Friable Floor 01 HOW House on Wall 01 Notes: House 763 Smoke Detector RW 1 EA Non-Friable Floor 01 HOWC House On Wall/Ceiling 01 Notes: House 322 Steel M NS Non-Friable				
House 748 Electronics RW 3 EA Non-Friable Floor 01 HOW House on Wall 01 Notes: House 763 Smoke Detector RW 1 EA Non-Friable Floor 01 HOWC House On Wall/Ceiling 01 Notes: House 322 Steel M NS Non-Friable				
Floor 01 HOW House on Wall 01 Notes: House 763 Smoke Detector RW 1 EA Non-Friable Floor 01 HOWC House On Wall/Ceiling 01 Notes: House 322 Steel M NS Non-Friable				
Notes: House 763 Smoke Detector RW 1 EA Non-Friable Floor 01 HOWC House On Wall/Ceiling 01 Notes: House 322 Steel M NS Non-Friable				
Notes: House 763 Smoke Detector RW 1 EA Non-Friable Floor 01 HOWC House On Wall/Ceiling 01 Notes: House 322 Steel M NS Non-Friable				
House 763 Smoke Detector RW 1 EA Non-Friable Floor 01 HOWC House On Wall/Ceiling 01 Notes: House 322 Steel M NS Non-Friable				
Floor 01 HOWC House On Wall/Ceiling 01 Notes: House 322 Steel M NS Non-Friable				
01 Notes: House 322 Steel M NS Non-Friable				
Notes: House 322 Steel M NS Non-Friable				
House 322 Steel M NS Non-Friable				
			0	NA
Floor 01 HWC House Walls and Ceilings				
02				
Notes:				
House 109 Plaster S ND Friable			7	7
Floor 01 HWC House Walls and Ceilings				
03				

Project Number: P-0013158

Project Manager: Bruce A. Boehm Carlson

Sample Set Name: 1

Building Number: 109/111

Building Name Chisago County Jail Buildings
Building Address 1: 109/111 North Main Street

Building Address 2:

City, State Zip: Center City, MN 55012

Area Location Room Number	Material ID Subcat ID	Material ID Description Subcategory Description	Material Code	Asbestos Content	Quantity	Lead Paint	Physical Assessment: Friability Condition	Wate	Dam Poter r Air	itial:	Acc	Cond Rating	AHERA Rating
House	112	Wall & Ceiling Texture	S	ND			Friable					7	7
Floor 01	HWC	House Walls and Ceilings											
03													
Notes: Located thr	oughout the hou	se.											
House	313	Sheet Floor & Mastic	М	ND			Friable					7	7
Floor 01	HBR	House Brown											
03													
Notes:													
House	320	Brick & Mortar	М	NS			Non-Friable					0	NA
Floor 01	HT	House Tan											
03													
Notes: Located thr	oughout the hou	se.											
House	509	Adhesive	М	YES	560 SF		Non-Friable						
Floor 01	HBG	House Beige											
03													
Notes: Located on	the walls in the I	House Fl. 01 Rms. 01 (560 S	F) and 03 (600 SF) for	an approx	imate t	otal of 1,160 SF.						
House	705	Flourescent Light Fixtures	RW		3 EA		Non-Friable						
Floor 01	НОС	House on Ceiling											
03													
Notes: Each fixture	has two bulbs a	nd one ballast.											
House	708	Thermostats	RW		1 EA		Non-Friable						
Floor 01	HOW	House on Wall											
03													
Notes:													

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Project Number: P-0013158

Project Manager: Bruce A. Boehm Carlson

Sample Set Name: 1

Building Number: 109/111

Building Name Chisago County Jail Buildings
Building Address 1: 109/111 North Main Street

Building Address 2:

Area Location Room Number	Material ID Subcat ID	Material ID Description Subcategory Description	Material Code	Asbestos Quantity Content	Lead Paint	Physical Assessment: Friability Condition	Wate	Dama Poten Air	tial:	Acc	Cond Rating	AHERA Rating
House	721	TVs/Monitors	RW	1 EA		Non-Friable						
Floor 01	HOF	House On Floor										
03												
Notes:												
House	742	Air Conditioners	RW	2 EA		Non-Friable						
Floor 01	HIWW	House In Wall/Window										
03												
Notes:												
House	747	Appliances	RW	1 EA		Non-Friable						
Floor 01	HRFG	House Refrigerator										
03												
Notes:												
House	748	Electronics	RW	30 EA		Non-Friable						
Floor 01	HOWF	House on Wall/Floor										
03												
Notes:												
House	761	Door Closers	RW	1 EA		Non-Friable						
Floor 01	HOD	House On Door										
03												
Notes:												
House	763	Smoke Detector	RW	1 EA		Non-Friable						
Floor 01	HOWC	House On Wall/Ceiling										
03												
Notes:												

Project Number: P-0013158

Project Manager: Bruce A. Boehm Carlson

Sample Set Name: 1

Building Number: 109/111

Building Name Chisago County Jail Buildings Building Address 1: 109/111 North Main Street

Building Address 2:

Room Number	ID Subcat ID	Material ID Description Subcategory Description	Code	Asbestos Quantity Content	Lead Paint	Physical Assessment: Friability Condition	Wate	Poter Air	Acc	Cond Rating	AHERA Rating
House	311	9x9 Floor Tile & Mastic	М	ND		Friable				7	7
loor 01	HBR	House Brown									
)4											
Notes:											
House	311	9x9 Floor Tile & Mastic	M	ND		Friable				7	7
loor 01	HW	House White									
)4											
Notes:											
House	741	Fire Extinguishers	RW	1 EA		Non-Friable					
loor 01	HOF	House On Floor									
)4											
Notes:											
House	748	Electronics	RW	1 EA		Non-Friable					
loor 01	HOWF	House on Wall/Floor									
04											
Notes:											
House	109	Plaster	S	ND		Friable				7	7
Floor 01	HWC	House Walls and Ceilings									
)5											
Notes: Located through	ghout the hou	ise.									
House	112	Wall & Ceiling Texture	S	ND		Friable				7	7
loor 01	HWC	House Walls and Ceilings									
)5		Ü									
Notes: Located throug	ghout the hou	ise.									

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Client Name: TKDA

Project Number: P-0013158

Project Manager: Bruce A. Boehm Carlson

Sample Set Name: 1

Building Number: 109/111

Building Name Chisago County Jail Buildings
Building Address 1: 109/111 North Main Street

Building Address 2:

Area Location Room Number	Material ID Subcat ID	Material ID Description Subcategory Description	Material Code	Asbestos Quantity Content	Lead Paint	Physical Assessment: Friability Condition	Wateı	Pote	nage ntial: Vib	Acc	Cond Rating	AHERA Rating
House	741	Fire Extinguishers	RW	1 EA		Non-Friable						
Floor 01	HOF	House On Floor										
05												
Notes:												
House	311	9x9 Floor Tile & Mastic	М	YES 56 EA		Friable					7	7
Floor 02	HBRS	House Brown w/ Spots										
01												
Notes: Located in H	ouse Fl. 02 Rms	. 01 (56 SF) and 02 (72 SF0 f	or an appr	oximate total of 12	SF. On	ly the mastic contains a	sbestos.					
House	763	Smoke Detector	RW	1 EA		Non-Friable						
Floor 02	HOWC	House On Wall/Ceiling										
01												
Notes:												
House	109	Plaster	S	ND		Friable					7	7
Floor 02	HWC	House Walls and Ceilings										
02												
Notes: Located thro	oughout the hou	se.										
House	309	Mastic - Carpet	М	ND		Friable					7	7
Floor 02	HT	House Tan										
02												
Notes: Located thro	oughout Fl. 02 of	the house.										
House	311	9x9 Floor Tile & Mastic	М	YES 72 EA		Friable					7	7
Floor 02	HBRS	House Brown w/ Spots										
02		•										
Notes: Located in H	ouse Fl. 02 Rms.	. 01 (56 SF) and 02 (72 SF0 f	or an appr	oximate total of 12	SF. On	ly the mastic contains a	sbestos.					

Project Number: P-0013158

Project Manager: Bruce A. Boehm Carlson

Sample Set Name: 1

Building Number: 109/111

Building Name Chisago County Jail Buildings Building Address 1: 109/111 North Main Street

Building Address 2:

Area Location	Material ID	Material ID Description Subcategory Description	Material Code	Asbestos Quantity Content	Lead Paint	Physical Assessment:		Dam Poter	_		Cond Rating	AHERA Rating
Room Number	Subcat ID					Friability Condition	Water	Air	Vib	Acc		
House	705	Flourescent Light Fixtures	RW	1 EA		Non-Friable						
Floor 02	HOC	House on Ceiling										
02												
Notes: Each fixture	has two bulbs a	nd one ballast.										
House	708	Thermostats	RW	1 EA		Non-Friable						
Floor 02	HOW	House on Wall										
02												
Notes:												
House	747	Appliances	RW	1 EA		Non-Friable						
Floor 02	HRFG	House Refrigerator										
02												
Notes:												
House	763	Smoke Detector	RW	1 EA		Non-Friable						
Floor 02	HOWC	House On Wall/Ceiling										
02												
Notes:												
House	109	Plaster	S	ND		Friable					7	7
Floor 02	HWC	House Walls and Ceilings										
03												
Notes: Located thro	ughout the hou	se.										
House	112	Wall & Ceiling Texture	S	ND		Friable					7	7
Floor 02	HWC	House Walls and Ceilings										
03	_	. 0.										
Notes: Located thro	ughout the hou	se.										

Project Number: P-0013158

Project Manager: Bruce A. Boehm Carlson

Sample Set Name: 1

Building Number: 109/111

Building Name Chisago County Jail Buildings Building Address 1: 109/111 North Main Street

Building Address 2:

City, State Zip: Center City, MN 55012

Area Location	Material ID	Material ID Description Subcategory Description	Material Code	Asbestos Content	Quantity	Lead Paint	Physical Assessment:		Dam Poten	_		Cond Rating	AHER/ Rating
Room Number	Subcat ID						Friability Condition	Water	Air	Vib	Acc		
House	310	12x12 Floor Tile & Mastic	М	YES	180 SF		Friable					7	7
Floor 02	HW	House White											
03													
Notes: Only the ma	stic contains ask	pestos.											
House	310	12x12 Floor Tile & Mastic	M	ND			Friable					7	7
Floor 02	HWBRS	House White w/ Brown Streaks											
03													
Notes:													
House	509	Adhesive	M	ND			Friable					7	7
Floor 02	HBR	House Brown											
03													
Notes:													
House	705	Flourescent Light Fixtures	RW		1 EA		Non-Friable						
Floor 02	HOC	House on Ceiling											
03													
Notes: Each fixture	has one bulb an	d one ballast.											
House	763	Smoke Detector	RW		1 EA		Non-Friable						
Floor 02	HOWC	House On Wall/Ceiling											
03													
Notes:													
House	109	Plaster	S	ND			Friable					7	7
Floor 02	HWC	House Walls and Ceilings											
04													
Notes: Located thro	oughout the hou	se.											
				Amer	ican Engir	eering							

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Testing, Inc.
550 Cleveland Avenue North
St. Paul, MN 55114

Project Number: P-0013158

Project Manager: Bruce A. Boehm Carlson

Sample Set Name: 1

Building Number: 109/111

Building Name Chisago County Jail Buildings
Building Address 1: 109/111 North Main Street

Building Address 2:

City, State Zip: Center City, MN 55012

Area Location Room Number	Material ID Subcat ID	Material ID Description Subcategory Description	Material Code	Asbestos Quantity Content	Lead Paint	Physical Assessment: Friability Condition	Water	Dam Potei	_	۸۵۵	Cond Rating	AHERA Rating
Room Number							water	Air	VID	Acc		
House	705	Flourescent Light Fixtures	RW	1 EA		Non-Friable						
Floor 02	HOC	House on Ceiling										
04												
Notes: Each fixture	has two bulbs a	nd one ballast.										
House	748	Electronics	RW	1 EA		Non-Friable						
Floor 02	HOW	House on Wall										
04												
Notes:												
House	763	Smoke Detector	RW	1 EA		Non-Friable						
Floor 02	HOWC	House On Wall/Ceiling										
04												
Notes:												
House	112	Wall & Ceiling Texture	S	ND		Friable					7	7
Floor 02	HWC	House Walls and Ceilings										
05												
Notes: Located thre	oughout the hou	se.										
House	250	Batt Insulation	Т	NS		Non-Friable					0	NA
Floor 02	FG	Fiberglass										
05		5										
Notes: Located thre	oughout the hou	se.										
House	705	Flourescent Light	RW	2 EA		Non-Friable						
		Fixtures										
Floor 02	НОС	House on Ceiling										
05												
Notes: Each fixture	has two bulbs a	nd one ballast.										

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American Engineering Testing, Inc. 550 Cleveland Avenue North St. Paul, MN 55114

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Project Number: P-0013158

Project Manager: Bruce A. Boehm Carlson

Sample Set Name: 1

Building Number: 109/111

Building Name Chisago County Jail Buildings Building Address 1: 109/111 North Main Street

Building Address 2:

Area	Material	Material ID Description		Asbestos Quantity	Lead	Physical		Dam		Cond	AHERA
Location Room Number	ID Subcat ID	Subcategory Description	Code	Content	Paint	Assessment: Friability Condition	Water	Poter Air	Acc	Rating	Rating
House	719	Fluorescent Bulbs	RW	32		Non-Friable					
Floor 02	HLOS	House Loose									
05											
Notes:											
House	748	Electronics	RW	2 EA		Non-Friable					
Floor 02	HOW	House on Wall									
05											
Notes:											
House	705	Flourescent Light Fixtures	RW	2 EA		Non-Friable					
Floor 02	HOC	House on Ceiling									
06		_									
Notes: Each fixture	has two bulbs a	nd one ballast.									
House	742	Air Conditioners	RW	2 EA		Non-Friable					
Floor 02	HIWW	House In Wall/Window									
06											
Notes:											
House	748	Electronics	RW	2 EA		Non-Friable					
Floor 02	HOW	House on Wall									
06											
Notes:											
House	763	Smoke Detector	RW	1 EA		Non-Friable					
Floor 02	HOWC	House On Wall/Ceiling									
06											
Notes:											

Project Number: P-0013158

Project Manager: Bruce A. Boehm Carlson

Sample Set Name: 1

Building Number: 109/111

Building Name Chisago County Jail Buildings Building Address 1: 109/111 North Main Street

Building Address 2:

City, State Zip: Center City, MN 55012

Area Location	Material ID	Material ID Description Subcategory Description	Material Code	Asbestos Quantity Content	Lead Paint	Physical Assessment:		Dam Poter	ntial:		Cond Rating	AHERA Rating
Room Number	Subcat ID					Friability Condition	Water	Air	Vib	Acc		
Jail	322	Steel	M	NS		Non-Friable					0	NA
Basement	D	Deck										
01												
Notes: Located through	shout the jail.											
Jail	705	Flourescent Light Fixtures	RW	2 EA		Non-Friable						
Basement	OC	On Ceiling										
01												
Notes: Each fixture ha	s two bulbs a	nd one ballast.										
Jail	761	Door Closers	RW	1 EA		Non-Friable						
Basement	OD	On Door										
01												
Notes:												
Jail	109	Plaster	S	ND		Friable					7	7
Basement	WC	Walls and Ceilings										
02												
Notes: Located through	shout the jail.											
Jail	218	0-4 PVC Fittings	Т	NS		Non-Friable					0	NA
Basement	W	White										
02												
Notes: Located through	shout the jail.											
Jail	305	Sheetrock & Taping Compound	М	ND		Friable					7	7
Basement	WC	Walls and Ceilings										
02												
Notes: Located through	shout the jail.											

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American Engineering Testing, Inc. 550 Cleveland Avenue North St. Paul, MN 55114

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Project Number: P-0013158

Project Manager: Bruce A. Boehm Carlson

Sample Set Name: 1

Building Number: 109/111

Building Name Chisago County Jail Buildings Building Address 1: 109/111 North Main Street

Building Address 2:

Area	Material	Material ID Description		Asbestos Quantity	Lead	Physical		Dam	_		Cond	AHERA
Location	ID Cubant ID	Subcategory Description	Code	Content	Paint	Assessment:	14/	Poter			Rating	Rating
Room Number	Subcat ID					Friability Condition	water	Air	Vib	ACC		
Jail	316	Concrete	М	NS		Non-Friable					0	NA
Basement	FWC	Floor/Walls/Ceiling										
02												
Notes: Located thro	oughout the jail.											
Jail	702	Emergency Lighting	RW	1 EA		Non-Friable						
Basement	OWC	On Wall/Ceiling										
02												
Notes:												
Jail	703	Exit Signs	RW	1 EA		Non-Friable						
Basement	OWC	On Wall/Ceiling										
02												
Notes:												
Jail	705	Flourescent Light	RW	2 EA		Non-Friable						
		Fixtures										
Basement	OC	On Ceiling										
02												
Notes: Each fixture	has one bulb an	d one ballast.										
Jail	705	Flourescent Light	RW	4 EA		Non-Friable						
		Fixtures										
Basement	OC	On Ceiling										
02												
Notes: Each fixture	has two bulbs a	nd one ballast.										
Jail	748	Electronics	RW	2 EA		Non-Friable						
Basement	OW	On Wall										
02												
Notes:												

Project Number: P-0013158

Project Manager: Bruce A. Boehm Carlson

Sample Set Name: 1

Building Number: 109/111

Building Name Chisago County Jail Buildings Building Address 1: 109/111 North Main Street

Building Address 2:

Area Location Room Number	Material ID Subcat ID	Material ID Description Subcategory Description	Material Code	Asbestos Quantity Content	Lead Paint	Physical Assessment: Friability Condition	Water	Damag Potenti Air	al:	Acc	Cond Rating	AHERA Rating
Jail	753	Chemicals/Cleaners	RW	10 GAL		Non-Friable						
Basement	OFC	On Floor/Counter										
02												
Notes:												
Jail	771	Alarms	RW	1 EA		Non-Friable						
Basement	PAN	Panel										
02												
Notes:												
Jail	771	Alarms	RW	1 EA		Non-Friable						
Basement	SEN	Sensors										
02												
Notes:												
Jail	705	Flourescent Light Fixtures	RW	2 EA		Non-Friable						
Basement 03	OC	On Ceiling										
Notes: Each fixture	has two bulbs a	nd one ballast.										
Jail	705	Flourescent Light Fixtures	RW	5 EA		Non-Friable						
Basement 03	OC	On Ceiling										
Notes: Each fixture	has one bulb an	d one ballast.										
Jail	763	Smoke Detector	RW	1 EA		Non-Friable						
Basement	OWC	On Wall/Ceiling		, .								
03	- -	- , 0										
Notes:												

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Client Name: TKDA

Project Number: P-0013158

Project Manager: Bruce A. Boehm Carlson

Sample Set Name: 1

Building Number: 109/111

Building Name Chisago County Jail Buildings
Building Address 1: 109/111 North Main Street

Building Address 2:

Area Location Room Number	Material ID Subcat ID	Material ID Description Subcategory Description	Material Code	Asbestos Quantity Content	Lead Paint	Physical Assessment: Friability Condition	Water	Dam Poten Air	itial:	Acc	Cond Rating	AHERA Rating
Jail	705	Flourescent Light Fixtures	RW	2 EA		Non-Friable						
Basement 04	OC	On Ceiling										
Notes: Each fixture	has four bulbs a	nd two ballasts.										
Jail	705	Flourescent Light Fixtures	RW	2 EA		Non-Friable						
Basement 05	OC	On Ceiling										
Notes: Each fixture	has two bulbs a	nd one ballast.										
Jail	763	Smoke Detector	RW	1 EA		Non-Friable						
Basement	OWC	On Wall/Ceiling										
05												
Notes:												
Jail	719	Fluorescent Bulbs	RW	8 EA		Non-Friable						
Basement	LOS	Loose										
06												
Notes:												
Jail	705	Flourescent Light Fixtures	RW	1 EA		Non-Friable						
Basement 07	OC	On Ceiling										
	has two bulbs a	nd one ballast.										

Project Number: P-0013158

Project Manager: Bruce A. Boehm Carlson

Sample Set Name: 1

Building Number: 109/111

Building Name Chisago County Jail Buildings Building Address 1: 109/111 North Main Street

Building Address 2:

City, State Zip: Center City, MN 55012

Area Location Room Number	Material ID Subcat ID	Material ID Description Subcategory Description	Material Code	Asbestos Content	Quantity	Lead Paint	Physical Assessment: Friability Condition	Water	Dam Poter Air	_	Acc	Cond Rating	AHERA Rating
Jail	303	2x4 Ceiling Tile	М	ND			Friable					7	7
Basement	PHF	Pinhole Fissure											
08													
Notes: Located thr	oughout the jail.												
Jail	308	Base Cove & Mastic	М	ND			Non-Friable						
Basement	4LG	4" Light Gray											
08													
Notes: Located thr	oughout the jail.												
Jail	705	Flourescent Light Fixtures	RW		1 EA		Non-Friable						
Basement	OC	On Ceiling											
08													
Notes: Each fixture	has two bulbs a	nd one ballast.											
Jail	705	Flourescent Light Fixtures	RW		1 EA		Non-Friable						
Basement	OC	On Ceiling											
08													
Notes: Each fixture	has one bulb an	d one ballast.											
Jail	721	TVs/Monitors	RW		5 EA		Non-Friable						
Basement	OFC	On Floor/Counter											
08													
Notes:													
Jail	748	Electronics	RW		2 EA		Non-Friable						
Basement	OW	On Wall											
08													
Notes:													

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American Engineering Testing, Inc. 550 Cleveland Avenue North St. Paul, MN 55114

Project Number: P-0013158

Project Manager: Bruce A. Boehm Carlson

Sample Set Name: 1

Building Number: 109/111

Building Name Chisago County Jail Buildings Building Address 1: 109/111 North Main Street

Building Address 2:

City, State Zip: Center City, MN 55012

Area Location	Material ID	Material ID Description	Material Code	Asbestos Quantity Content	Lead Paint	Physical Assessment:		Dam Pote			Cond	AHER/
Room Number	Subcat ID	Subcategory Description	Code	Content	Paint	Friability Condition	Water		Vib	Acc	Rating	Ratin
Jail	763	Smoke Detector	RW	1 EA		Non-Friable						
Basement	OWC	On Wall/Ceiling	11.00	1 LA		Non-madic						
08	OVVC	On Wan Cennig										
Notes:												
Jail	202	4-8 Fiberglass Pipe Insulation	Т	NS		Non-Friable					0	NA
Basement	W	White										
09												
Notes: Located through	out the jail.											
Jail	208	12-24 Fibrous Pipe Insulation	Т	ND		Friable					7	7
Basement	W	White										
09												
Notes: Located through	out the jail.											
Jail	223	4-8 Fibrous Pipe Fittings	Т	ND		Friable					7	7
Basement	W	White										
09												
Notes: Located through	out the jail.											
Jail	236	Vibration Joints	Т	ND		Non-Friable						
Basement	В	Black										
09												
Notes: Located through	out the jail.											
Jail	321	Caulk	М	ND		Non-Friable						
Basement	BRFS	Brown Fire Stop										
09												
Notes: Located through	out the jail.											
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Testing, Inc.
550 Cleveland Avenue North
St. Paul, MN 55114

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Project Number: P-0013158

Project Manager: Bruce A. Boehm Carlson

Sample Set Name: 1

Building Number: 109/111

Building Name Chisago County Jail Buildings Building Address 1: 109/111 North Main Street

Building Address 2:

Area Location Room Number	Material ID Subcat ID	Material ID Description Subcategory Description	Material Code	Asbestos Quantity Content	Lead Paint	Physical Assessment: Friability Condition	Wate	Dam Poter r Air	ntial:	Acc	Cond Rating	AHERA Rating
Jail	321	Caulk	М	ND		Non-Friable						
Basement	RFS	Red Fire Stop										
09												
Notes: Located thre	oughout the jail.	1										
Jail	705	Flourescent Light Fixtures	RW	4 EA		Non-Friable						
Basement	ОС	On Ceiling										
09												
Notes: Each fixture	has two bulbs a	and one ballast.										
Jail	719	Fluorescent Bulbs	RW	2 EA		Non-Friable						
Basement	СВ	Compact Bulb										
09												
Notes:												
Jail	719	Fluorescent Bulbs	RW	15 EA		Non-Friable						
Basement	LOS	Loose										
09												
Notes:												
Jail	728	Boiler	RW	4		Non-Friable						
Basement	OF	On Floor										
09												
Notes:												
Jail	747	Appliances	RW	1 EA		Non-Friable						
Basement	COM	Air Compressor										
09												
Notes:												

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Client Name: TKDA

Project Number: P-0013158

Project Manager: Bruce A. Boehm Carlson

Sample Set Name: 1

Building Number: 109/111

Building Name Chisago County Jail Buildings Building Address 1: 109/111 North Main Street

Building Address 2:

Area Location	Material ID	Material ID Description Subcategory Description	Material Code	Asbestos Quantity Content	Lead Paint	Physical Assessment:		Dam Poter	_		Cond Rating	AHERA Rating
Room Number	Subcat ID	, , , , , , , , , , , , , , , , , , , ,				Friability Condition	Water			Acc		
Jail	747	Appliances	RW	4 EA		Non-Friable						
Basement	WH	Water Heater										
09												
Notes:												
Jail	748	Electronics	RW	12 EA		Non-Friable						
Basement	OW	On Wall										
09												
Notes:												
Jail	753	Chemicals/Cleaners	RW	20 GAL		Non-Friable						
Basement	OFC	On Floor/Counter										
09												
Notes:												
Jail	763	Smoke Detector	RW	2 EA		Non-Friable						
Basement	OWC	On Wall/Ceiling										
09												
Notes:												
Jail	767	Heaters	RW	1 EA		Non-Friable						
Basement	OWC	On Wall/Ceiling										
09												
Notes:												
Jail	771	Alarms	RW	3 EA		Non-Friable						
Basement	PAN	Panel										
09												
Notes:												

Project Number: P-0013158

Project Manager: Bruce A. Boehm Carlson

Sample Set Name: 1

Building Number: 109/111

Building Name Chisago County Jail Buildings Building Address 1: 109/111 North Main Street

Building Address 2:

Area Location Room Number	Material ID Subcat ID	Material ID Description Subcategory Description	Material Code	Asbestos Quantity Content	Lead Paint	Physical Assessment: Friability Condition	Wate	nage ntial: Vib	Acc	Cond Rating	AHERA Rating
Jail	791	HVAC Unit	RW	1 EA		Non-Friable					
Basement	OC	On Ceiling									
09											
Notes:											
Jail	705	Flourescent Light Fixtures	RW	2 EA		Non-Friable					
Basement	OC	On Ceiling									
10		-									
Notes: Each fixture	has one bulb an	d one ballast.									
Jail	708	Thermostats	RW	1 EA		Non-Friable					
Basement	OW	On Wall									
10											
Notes:											
Jail	748	Electronics	RW	6 EA		Non-Friable					
Basement	OW	On Wall									
10											
Notes:											
Jail	763	Smoke Detector	RW	3 EA		Non-Friable					
Basement	OWC	On Wall/Ceiling									
10											
Notes:											
Jail	701	Batteries	RW	9 EA		Non-Friable					
Basement	OFC	On Floor/Counter									
11											
Notes:											

Project Number: P-0013158

Project Manager: Bruce A. Boehm Carlson

Sample Set Name: 1

Building Number: 109/111

Building Name Chisago County Jail Buildings Building Address 1: 109/111 North Main Street

Building Address 2:

City, State Zip: Center City, MN 55012

Area	Material	Material ID Description		Asbestos Quantity	Lead	Physical			nage		Cond	AHERA
Location Room Number	ID Subcat ID	Subcategory Description	Code	Content	Paint	Assessment: Friability Condition	Water		ntial: Vib	Acc	Rating	Rating
		5 1	5144	4.54			vvate	All	VID	Acc		
Jail	705	Flourescent Light Fixtures	RW	1 EA		Non-Friable						
Basement	OC	On Ceiling										
11												
Notes: Each fixture has	two bulbs a	nd one ballast.										
Jail	721	TVs/Monitors	RW	1 EA		Non-Friable						
Basement	OFC	On Floor/Counter										
11												
Notes:												
Jail	748	Electronics	RW	30 EA		Non-Friable						
Basement	OW	On Wall										
11												
Notes:												
Jail	763	Smoke Detector	RW	1 EA		Non-Friable						
Basement	OWC	On Wall/Ceiling										
11												
Notes:												
Jail	109	Plaster	S	ND		Friable					7	7
Basement	WC	Walls and Ceilings										
12												
Notes: Located through	hout the jail.											
Jail	705	Flourescent Light Fixtures	RW	2 EA		Non-Friable						
Basement	OC	On Ceiling										
12	00	On Cening										
Notes: Each fixture has	ono hulb on	d one hallast										

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American Engineering Testing, Inc. 550 Cleveland Avenue North St. Paul, MN 55114

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Project Number: P-0013158

Project Manager: Bruce A. Boehm Carlson

Sample Set Name: 1

Building Number: 109/111

Building Name Chisago County Jail Buildings Building Address 1: 109/111 North Main Street

Building Address 2:

Area Location Room Number	Material ID Subcat ID	Material ID Description Subcategory Description	Material Code	Asbestos Quantity Content	Lead Paint	Physical Assessment: Friability Condition	Wate	Pote	nage ntial: Vib	Acc	Cond Rating	AHERA Rating
Jail	705	Flourescent Light Fixtures	RW	2 EA		Non-Friable						
Basement	OC	On Ceiling										
12												
Notes: Each fixture	has two bulbs a	nd one ballast.										
Jail	708	Thermostats	RW	2 EA		Non-Friable						
Basement	OW	On Wall										
12												
Notes:												
Jail	721	TVs/Monitors	RW	1 EA		Non-Friable						
Basement	OFC	On Floor/Counter										
12												
Notes:												
Jail	748	Electronics	RW	34 EA		Non-Friable						
Basement	OW	On Wall										
12												
Notes:												
Jail	761	Door Closers	RW	1 EA		Non-Friable						
Basement	OD	On Door										
12												
Notes:												
Jail	763	Smoke Detector	RW	4 EA		Non-Friable						
Basement	OWC	On Wall/Ceiling										
12												
Notes:												

Project Number: P-0013158

Project Manager: Bruce A. Boehm Carlson

Sample Set Name: 1

Building Number: 109/111

Building Name Chisago County Jail Buildings Building Address 1: 109/111 North Main Street

Building Address 2:

Area Location Room Number	Material ID Subcat ID	Material ID Description Subcategory Description	Material Code	Asbestos Quantity Content	Lead Paint	Physical Assessment: Friability Condition	Wate	Dam Poter r Air	ntial:	Acc	Cond Rating	AHERA Rating
Jail	775	Security Camera	RW	1 EA		Non-Friable						
Basement	OWC	On Wall/Ceiling										
12												
Notes:												
Jail	791	HVAC Unit	RW	1 EA		Non-Friable						
Basement	ОС	On Ceiling										
12												
Notes:												
Jail	308	Base Cove & Mastic	М	ND		Non-Friable						
Basement	6B	6" Black										
13												
Notes: Located thr	oughout the jail.											
Jail	705	Flourescent Light Fixtures	RW	4 EA		Non-Friable						
Basement	OC	On Ceiling										
13												
Notes: Each fixture	has one bulb an	d one ballast.										
Jail	708	Thermostats	RW	1 EA		Non-Friable						
Basement	OW	On Wall										
13												
Notes:												
Jail	748	Electronics	RW	40 EA		Non-Friable						
Basement	OW	On Wall										
13												
Notes:												

Project Number: P-0013158

Project Manager: Bruce A. Boehm Carlson

Sample Set Name: 1

Building Number: 109/111

Building Name Chisago County Jail Buildings Building Address 1: 109/111 North Main Street

Building Address 2:

Area Location	Material ID	Material ID Description Subcategory Description	Material Code	Asbestos Quantity Content	Lead Paint	Physical Assessment:	M /ata	Dam Poter	ntial:	A	Cond Rating	AHERA Rating
Room Number	Subcat ID					Friability Condition	wate	r Air	VID	ACC		
Jail	763	Smoke Detector	RW	3 EA		Non-Friable						
Basement	OWC	On Wall/Ceiling										
13												
Notes:												
Jail	791	HVAC Unit	RW	1 EA		Non-Friable						
Basement	OC	On Ceiling										
13												
Notes:												
Jail	108	Stucco	S	ND		Non-Friable						
Exterior	Т	Tan										
Notes:												
Jail	706	High Intensity Discharge Lighting	RW	20		Non-Friable						
Exterior	OW	On Wall										
Notes:												
Jail	710	Treated Lumber	RW	144 SF		Non-Friable						
Exterior	DS	Deck/Stairs										
Notes:												
Jail	726	Generator	RW	1 EA		Non-Friable						
Exterior	OG	On Ground										
Notes:												
Jail	742	Air Conditioners	RW	1 EA		Non-Friable						
Exterior	OG	On Ground										
Notes:												

Project Number: P-0013158

Project Manager: Bruce A. Boehm Carlson

Sample Set Name: 1

Building Number: 109/111

Building Name Chisago County Jail Buildings Building Address 1: 109/111 North Main Street

Building Address 2:

Area Location	Material ID	Material ID Description Subcategory Description	Material Code	Asbestos Quantity Content	Lead Paint	Physical Assessment:			nage ntial:		Cond Rating	AHERA Rating
Room Number	Subcat ID					Friability Condition	Wate	. Air	Vib	Acc		
Jail	775	Security Camera	RW	7 EA		Non-Friable						
Exterior	OW	On Wall										
Notes:												
Jail	408	Flat Roof	М	ND		Non-Friable						
Exterior	BN	Black North										
Roof												
Notes:												
Jail	408	Flat Roof	М	ND		Non-Friable						
Exterior	BS	Black South										
Roof												
Notes:												
Jail	710	Treated Lumber	RW	22 LF		Non-Friable						
Exterior	GRN	Green										
Roof												
Notes:												
Jail	791	HVAC Unit	RW	10 EA		Non-Friable						
Exterior	OR	On Roof										
Roof												
Notes:												
Jail	109	Plaster	S	ND		Friable					7	7
Floor 01	WC	Walls and Ceilings										
101												
Notes: Located thre	oughout the jail.											

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Client Name: TKDA

Project Number: P-0013158

Project Manager: Bruce A. Boehm Carlson

Sample Set Name: 1

Building Number: 109/111

Building Name Chisago County Jail Buildings Building Address 1: 109/111 North Main Street

Building Address 2:

Area Location Room Number	Material ID Subcat ID	Material ID Description Subcategory Description	Material Code	Asbestos Quantity Content	Lead Paint	Physical Assessment: Friability Condition	Water	Dam Poten Air	itial:	Acc	Cond Rating	AHERA Rating
Jail	321	Caulk	М	ND		Non-Friable						
Floor 01	В	Black										
101												
	oughout the jail.	Also tested for PCB conter	nt to allow	for recycling as samp	ole 720-	B-A. Non-detect for asl	besos and	d less t	han 1	mg/kg	for PCBs.	
Jail	321	Caulk	М	ND		Non-Friable						
Floor 01	W	White										
101												
Notes: Located thr	oughout the jail.	Also tested for PCB conter	nt to allow	for recycling as samp	ole 720-	W-A. Non-detect for as	besos an	d less	than 1	. mg/kg	for PCBs	•
Jail	705	Flourescent Light Fixtures	RW	3 EA		Non-Friable						
Floor 01	OC	On Ceiling										
101												
Notes: Each fixture	has two bulbs a	nd one ballast.										
Jail	708	Thermostats	RW	1 EA		Non-Friable						
Floor 01	OW	On Wall										
101												
Notes:												
Jail	761	Door Closers	RW	2 EA		Non-Friable						
Floor 01	OD	On Door										
101												
Notes:												
Jail	775	Security Camera	RW	1 EA		Non-Friable						
Floor 01	OWC	On Wall/Ceiling										
101												
Notes:												

Project Number: P-0013158

Project Manager: Bruce A. Boehm Carlson

Sample Set Name: 1

Building Number: 109/111

Building Name Chisago County Jail Buildings Building Address 1: 109/111 North Main Street

Building Address 2:

Area Location Room Number	Material ID Subcat ID	Material ID Description Subcategory Description	Material Code	Asbestos Quantity Content	Lead Paint	Physical Assessment: Friability Condition	Water	Dam Poten Air	itial:	Acc	Cond Rating	AHERA Rating
Jail	705	Flourescent Light Fixtures	RW	1 EA		Non-Friable						
Floor 01 102	OC	On Ceiling										
Notes: Each fixture has	one bulb an	d one ballast.										
Jail Floor 01 102 Notes:	708 OW	Thermostats On Wall	RW	1 EA		Non-Friable						
Jail	761	Door Closers	RW	1 EA		Non-Friable						
Floor 01 102 Notes:	OD	On Door										
Jail	104	Spray Applied Fireproofing	S	ND		Friable					7	7
Floor 01 103	G	Gray										
Notes: Located through	nout the jail.											
Jail	201	0-4 Fiberglass Pipe Insulation	Т	NS		Friable					7	7
Floor 01 103	W	White										
Notes: Located through	nout the jail.											

Project Number: P-0013158

Project Manager: Bruce A. Boehm Carlson

Sample Set Name: 1

Building Number: 109/111

Building Name Chisago County Jail Buildings
Building Address 1: 109/111 North Main Street

Building Address 2:

City, State Zip: Center City, MN 55012

Area Location <u>Room Number</u>	Material ID Subcat ID	Material ID Description Subcategory Description	Material Code	Asbestos Quantity Content	Lead Paint	Physical Assessment: Friability Condition	Water	Dam Poten Air	_	Acc	Cond Rating	AHERA Rating
Jail	222	0-4" Fibrous Pipe Fittings	Т	ND		Friable					7	7
Floor 01	W	White										
103												
Notes: Located thro	oughout the jail.											
Jail	234	Duct Insulation	Т	NS		Non-Friable					0	NA
Floor 01	FG	Fiberglass										
103												
Notes: Located thro	oughout the jail.											
Jail	250	Batt Insulation	Т	NS		Non-Friable					0	NA
Floor 01	FG	Fiberglass										
103		•										
Notes: Located thro	oughout the jail.											
Jail	303	2x4 Ceiling Tile	М	ND		Friable					7	7
Floor 01	PHB	Pinhole Bird										
103												
Notes: Located thro	oughout the jail.											
Jail	305	Sheetrock & Taping Compound	М	ND		Friable					7	7
Floor 01	WC	Walls and Ceilings										
103												
Notes: Located thro	oughout the jail.											
Jail	308	Base Cove & Mastic	М	ND		Non-Friable						
Floor 01	4BR	4" Brown										
103												
Notes: Located thro	oughout the jail.											

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American Engineering Testing, Inc. 550 Cleveland Avenue North St. Paul, MN 55114 AET Project No. P-0013158 Page B 33 of 66

Client Name: TKDA

Project Number: P-0013158

Project Manager: Bruce A. Boehm Carlson

Sample Set Name: 1

Building Number: 109/111

Building Name Chisago County Jail Buildings Building Address 1: 109/111 North Main Street

Building Address 2:

City, State Zip: Center City, MN 55012

Area Location Room Number	Material ID Subcat ID	Material ID Description Subcategory Description	Material Code	Asbestos Content	Quantity	Lead Paint	Physical Assessment: Friability Condition	Water	Dama Poten Air	tial:	Cond Rating	AHERA Rating
Jail	309	Mastic - Carpet	М	ND			Non-Friable					
Floor 01	W	White										
103												
Notes: Located thr	oughout the jail.											
Jail	321	Caulk	М	ND			Non-Friable					
Floor 01	BR	Brown										
103												
Notes: Located thr	oughout the jail.	Also tested for PCB conte	nt to allow	for recycli	ng as samp	ole 720-	BR-A. Non-detect for a	sbesos a	nd less	than 1 m	g/kg for PCB	s.
Jail	702	Emergency Lighting	RW		1 EA		Non-Friable					
Floor 01	OWC	On Wall/Ceiling										
103												
Notes:												
Jail	705	Flourescent Light Fixtures	RW		2 EA		Non-Friable					
Floor 01	ОС	On Ceiling										
103												
Notes: Each fixture	has two bulbs a	nd one ballast.										
Jail	705	Flourescent Light Fixtures	RW		8 EA		Non-Friable					
Floor 01	ОС	On Ceiling										
103												
Notes: Each fixture	has four bulbs a	and two ballasts.										
Jail	708	Thermostats	RW		1 EA		Non-Friable					
Floor 01	OW	On Wall										
103												

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American Engineering Testing, Inc. 550 Cleveland Avenue North St. Paul, MN 55114

Project Number: P-0013158

Project Manager: Bruce A. Boehm Carlson

Sample Set Name: 1

Building Number: 109/111

Building Name Chisago County Jail Buildings Building Address 1: 109/111 North Main Street

Building Address 2:

Area Location	Material ID	Material ID Description Subcategory Description	Material Code	Asbestos Quantity Content	Lead Paint	Physical Assessment:			mage ential:		Cond Rating	AHERA Rating
Room Number	Subcat ID					Friability Condition	Wate	r Ai	Vik	Acc		
Jail	719	Fluorescent Bulbs	RW	27		Non-Friable						
Floor 01	LOS	Loose										
103												
Notes:												
Jail	721	TVs/Monitors	RW	1		Non-Friable						
Floor 01	ODF	On Desk/Floor										
103												
Notes:												
Jail	748	Electronics	RW	5 EA		Non-Friable						
Floor 01	OW	On Wall										
103												
Notes:												
Jail	757	Computers	RW	2 EA		Non-Friable						
Floor 01	ODF	On Desk/Floor										
103												
Notes:												
Jail	763	Smoke Detector	RW	1 EA		Non-Friable						
Floor 01	OWC	On Wall/Ceiling										
103												
Notes:												
Jail	771	Alarms	RW	1 EA		Non-Friable						
Floor 01	PAD	Pad										
103												
Notes:												

Project Number: P-0013158

Project Manager: Bruce A. Boehm Carlson

Sample Set Name: 1

Building Number: 109/111

Building Name Chisago County Jail Buildings Building Address 1: 109/111 North Main Street

Building Address 2:

City, State Zip: Center City, MN 55012

Area Location Room Number	Material ID Subcat ID	Material ID Description Subcategory Description	Material Code	Asbestos Quantity Content	Lead Paint	Physical Assessment: Friability Condition	Damage Potential: Water Air Vib Acc	Cond Rating	AHERA Rating
Jail	771	Alarms	RW	1 EA		Non-Friable			
Floor 01	PAN	Panel							
103									
Notes:									
Jail	104	Spray Applied Fireproofing	S	ND		Friable		7	7
Floor 01	G	Gray							
104									
Notes: Located thro	oughout the jail.								
Jail	302	2x2 Ceiling Tile	М	ND		Friable		7	7
Floor 01	РНВ	Pinhole Bird							
104									
Notes: Located thro	oughout the jail.								
Jail	315	Ceramic Tile	М	ND		Non-Friable			
Floor 01	2G	2" Gray							
104									
Notes: Located thro	oughout the jail.								
Jail	315	Ceramic Tile	М	ND		Non-Friable			
Floor 01	4G	4" Gray							
104									
Notes: Located thro	oughout the jail.								
Jail	705	Flourescent Light Fixtures	RW	1 EA		Non-Friable			
Floor 01	OC	On Ceiling							
104									
Notes: Each fixture	has four bulbs a	ind two ballasts.							

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Project Number: P-0013158

Project Manager: Bruce A. Boehm Carlson

Sample Set Name: 1

Building Number: 109/111

Building Name Chisago County Jail Buildings Building Address 1: 109/111 North Main Street

Building Address 2:

Area Location	Material	Material ID Description		Asbestos Quantity Content	Lead Paint	Physical		Dam Poter	_		Cond	AHERA
Room Number	ID Subcat ID	Subcategory Description	Code	Content	Paint	Assessment: Friability Condition	Water			Acc	Rating	Rating
Jail	748	Electronics	RW	1 EA		Non-Friable						
Floor 01	OW	On Wall										
104												
Notes:												
Jail	308	Base Cove & Mastic	M	ND		Non-Friable						
Floor 01	4G	4" Gray										
105												
Notes: Located thro	oughout the jail.											
Jail	310	12x12 Floor Tile & Mastic	М	ND		Non-Friable						
Floor 01	TDTS	Tan w/ Dark Tan Streaks										
105												
Notes: Located thro	oughout the jail.											
Jail	705	Flourescent Light Fixtures	RW	1 EA		Non-Friable						
Floor 01	ОС	On Ceiling										
105												
Notes: Each fixture	has two bulb an	d one ballast.										
Jail	708	Thermostats	RW	1 EA		Non-Friable						
Floor 01	OW	On Wall										
105												
Notes:												
Jail	748	Electronics	RW	1 EA		Non-Friable						
Floor 01	OW	On Wall										
105												
Notes:												

Project Number: P-0013158

Project Manager: Bruce A. Boehm Carlson

Sample Set Name: 1

Building Number: 109/111

Building Name Chisago County Jail Buildings Building Address 1: 109/111 North Main Street

Building Address 2:

City, State Zip: Center City, MN 55012

Area Location	Material ID	Material ID Description Subcategory Description	Material Code	Asbestos Quantity Content	Lead Paint	Physical Assessment:		Dama Poten	_		Cond Rating	AHERA Rating
Room Number	Subcat ID					Friability Condition	Water	Air	Vib	Acc		
Jail	761	Door Closers	RW	2 EA		Non-Friable						
Floor 01	OD	On Door										
105												
Notes:												
Jail	775	Security Camera	RW	1 EA		Non-Friable						
Floor 01	OWC	On Wall/Ceiling										
105												
Notes:												
Jail	104	Spray Applied Fireproofing	S	ND		Friable					7	7
Floor 01	G	Gray										
106												
Notes: Located thro	oughout the jail.											
Jail	252	Foam Insulation	Т	NS		Non-Friable					0	NA
Floor 01	W	White										
106												
Notes: Located thro	oughout the jail.											
Jail	309	Mastic - Carpet	М	ND		Non-Friable						
Floor 01	Т	Tan										
106												
Notes: Located thro	oughout the jail.											
Jail	502	Sink Undercoating	М	ND		Non-Friable						
Floor 01	W	White										
106												
	oughout the jail.											

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American Engineering Testing, Inc. 550 Cleveland Avenue North St. Paul, MN 55114

Project Number: P-0013158

Project Manager: Bruce A. Boehm Carlson

Sample Set Name: 1

Building Number: 109/111

Building Name Chisago County Jail Buildings
Building Address 1: 109/111 North Main Street

Building Address 2:

Area Location Room Number	Material ID Subcat ID	Material ID Description Subcategory Description	Material Code	Asbestos Quantity Content	Lead Paint	Physical Assessment: Friability Condition	Wate	Dam Potei r Air	ntial:	Acc	Cond Rating	AHERA Rating
Jail	702	Emergency Lighting	RW	1 EA		Non-Friable						
Floor 01	OWC	On Wall/Ceiling										
106												
Notes:												
Jail	705	Flourescent Light Fixtures	RW	10 EA		Non-Friable						
Floor 01	OC	On Ceiling										
106												
Notes: Each fixture	has four bulbs a	and two ballasts.										
Jail	763	Smoke Detector	RW	2 EA		Non-Friable						
Floor 01	OWC	On Wall/Ceiling										
106												
Notes:												
Jail	775	Security Camera	RW	3 EA		Non-Friable						
Floor 01	OWC	On Wall/Ceiling										
106												
Notes:												
Jail	705	Flourescent Light Fixtures	RW	4 EA		Non-Friable						
Floor 01	OC	On Ceiling										
107												
Notes: Each fixture	has four bulbs a	and two ballasts.										
Jail	761	Door Closers	RW	1 EA		Non-Friable						
Floor 01	OD	On Door										
107												
Notes:												

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Client Name: TKDA

Project Number: P-0013158

Project Manager: Bruce A. Boehm Carlson

Sample Set Name: 1

Building Number: 109/111

Building Name Chisago County Jail Buildings Building Address 1: 109/111 North Main Street

Building Address 2:

Area Location Room Number	Material ID Subcat ID	Material ID Description Subcategory Description	Material Code	Asbestos Quantity Content	Lead Paint	Physical Assessment: Friability Condition	Wate	Dam Potei r Air	ntial:	Acc	Cond Rating	AHERA Rating
Jail	702	Emergency Lighting	RW	1 EA		Non-Friable						
Floor 01	OWC	On Wall/Ceiling										
108												
Notes:												
Jail	705	Flourescent Light Fixtures	RW	6 EA		Non-Friable						
Floor 01	OC	On Ceiling										
108												
Notes: Each fixture	has four bulbs a	nd two ballasts.										
Jail	763	Smoke Detector	RW	2 EA		Non-Friable						
Floor 01	OWC	On Wall/Ceiling										
108		_										
Notes:												
Jail	775	Security Camera	RW	2 EA		Non-Friable						
Floor 01	OWC	On Wall/Ceiling										
108												
Notes:												
Jail	321	Caulk	M	ND		Non-Friable						
Floor 01	LG	Light Gray										
109												
Notes: Located thr	oughout the jail.	Also tested for PCB conter	nt to allow	for recycling as samp	ole 720-	LG-A. Non-detect for a	sbesos a	nd less	than	l mg/kį	g for PCBs	.
Jail	703	Exit Signs	RW	1 EA		Non-Friable						
Floor 01	OWC	On Wall/Ceiling										
109		-										
Notes:												

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Client Name: TKDA

Project Number: P-0013158

Project Manager: Bruce A. Boehm Carlson

Sample Set Name: 1

Building Number: 109/111

Building Name Chisago County Jail Buildings Building Address 1: 109/111 North Main Street

Building Address 2:

Area Location	Material ID	Material ID Description Subcategory Description	Material Code	Asbestos Quantity Content	Lead Paint	Physical Assessment:		Dam Poten	_		Cond Rating	AHERA
Room Number	Subcat ID	Subcategory Description	Code	Content	Paint	Friability Condition	Water			Acc	Kating	Rating
Jail	705	Flourescent Light Fixtures	RW	1 EA		Non-Friable						
Floor 01	OC	On Ceiling										
109												
Notes: Each fixture has	two bulbs a	nd one ballast.										
Jail	775	Security Camera	RW	1 EA		Non-Friable						
Floor 01	OWC	On Wall/Ceiling										
109												
Notes:												
Jail	104	Spray Applied Fireproofing	S	ND		Friable					7	7
Floor 01	G	Gray										
110												
Notes: Located through	hout the jail.											
Jail	303	2x4 Ceiling Tile	М	ND		Friable					7	7
Floor 01	SR	Sheetrock										
110												
Notes: Located through	hout the jail.											
Jail	705	Flourescent Light Fixtures	RW	4 EA		Non-Friable						
Floor 01 110	OC	On Ceiling										
	four hulbs a	nd two ballasts.										

Project Number: P-0013158

Project Manager: Bruce A. Boehm Carlson

Sample Set Name: 1

Building Number: 109/111

Building Name Chisago County Jail Buildings Building Address 1: 109/111 North Main Street

Building Address 2:

Area Location Room Number	Material ID Subcat ID	Material ID Description Subcategory Description	Material Code	Asbestos Quantity Content	Lead Paint	Physical Assessment: Friability Condition	Wate	Pote	nage ential: Vib	Acc	Cond Rating	AHERA Rating
Jail	708	Thermostats	RW	1 EA		Non-Friable						
Floor 01	OW	On Wall										
110												
Notes:												
Jail	761	Door Closers	RW	1 EA		Non-Friable						
Floor 01	GDO	Garage Door Opener										
110												
Notes:												
Jail	761	Door Closers	RW	2 EA		Non-Friable						
Floor 01	OD	On Door										
110												
Notes:												
Jail	763	Smoke Detector	RW	1 EA		Non-Friable						
Floor 01	OWC	On Wall/Ceiling										
110												
Notes:												
Jail	767	Heaters	RW	1 EA		Non-Friable						
Floor 01	OWC	On Wall/Ceiling										
110												
Notes:												
Jail	775	Security Camera	RW	2 EA		Non-Friable						
Floor 01	OWC	On Wall/Ceiling										
110												
Notes:												

Project Number: P-0013158

Project Manager: Bruce A. Boehm Carlson

Sample Set Name: 1

Building Number: 109/111

Building Name Chisago County Jail Buildings Building Address 1: 109/111 North Main Street

Building Address 2:

Area Location Room Number	Material ID Subcat ID	Material ID Description Subcategory Description	Material Code	Asbestos Quantity Content	Lead Paint	Physical Assessment: Friability Condition	Wate	Dama Potent Air	ial:	Acc	Cond Rating	AHERA Rating
Jail	315	Ceramic Tile	М	ND		Non-Friable						
Floor 01	6BR	6" Brown										
111												
Notes: Located thro	ughout the jail.											
Jail	509	Adhesive	М	ND		Non-Friable						
Floor 01	Т	Tan										
111												
Notes: Located thro	ughout the jail.											
Jail	705	Flourescent Light Fixtures	RW	4 EA		Non-Friable						
Floor 01	ОС	On Ceiling										
111												
Notes: Each fixture l	has four bulbs a	nd two ballasts.										
Jail	708	Thermostats	RW	1 EA		Non-Friable						
Floor 01	OW	On Wall										
111												
Notes:												
Jail	741	Fire Extinguishers	RW	1 EA		Non-Friable						
Floor 01	FSH	Fire Suppression System - Halon										
111												
Notes:												
Jail	742	Air Conditioners	RW	1 EA		Non-Friable						
Floor 01	IWW	In Wall/Window										
111												
Notes:												

Project Number: P-0013158

Project Manager: Bruce A. Boehm Carlson

Sample Set Name: 1

Building Number: 109/111

Building Name Chisago County Jail Buildings Building Address 1: 109/111 North Main Street

Building Address 2:

City, State Zip: Center City, MN 55012

ID ubcat ID 753 OFC	Subcategory Description Chemicals/Cleaners	Code	Content	Paint	Assessment: Friability Condition	Water	Poten Air		Acc	Rating	Rating
	•	DIM					<i></i>	VID	, ,,,,,		
OFC		RW	2 GAL		Non-Friable						
	On Floor/Counter										
329	Wood	М	NS		Non-Friable					0	NA
FWC	Floor/Walls/Ceiling										
areas thr	oughout the jail.										
395	Fiber Reinforced Plastic	М	NS		Non-Friable					0	NA
NLD	Nailed										
705	Flourescent Light Fixtures	RW	1 EA		Non-Friable						
OC	On Ceiling										
bulbs a	nd one ballast.										
775	Security Camera	RW	1 EA		Non-Friable						
OWC	On Wall/Ceiling										
104	Spray Applied Fireproofing	S	ND		Friable					7	7
G	Gray										
the jail.											
	FWC areas thro 395 NLD 705 OC bulbs ar 775 OWC	FWC Floor/Walls/Ceiling areas throughout the jail. 395 Fiber Reinforced Plastic NLD Nailed 705 Flourescent Light Fixtures OC On Ceiling bulbs and one ballast. 775 Security Camera OWC On Wall/Ceiling 104 Spray Applied Fireproofing G Gray	FWC Floor/Walls/Ceiling areas throughout the jail. 395 Fiber Reinforced Plastic M NLD Nailed 705 Flourescent Light Fixtures OC On Ceiling bulbs and one ballast. 775 Security Camera RW OWC On Wall/Ceiling 104 Spray Applied Fireproofing G Gray	FWC Floor/Walls/Ceiling areas throughout the jail. 395 Fiber Reinforced Plastic M NS NLD Nailed 705 Flourescent Light Fixtures OC On Ceiling O bulbs and one ballast. 775 Security Camera RW 1 EA OWC On Wall/Ceiling 104 Spray Applied Fireproofing G Gray	FWC Floor/Walls/Ceiling areas throughout the jail. 395 Fiber Reinforced Plastic M NS NLD Nailed 705 Flourescent Light Fixtures OC On Ceiling O bulbs and one ballast. 775 Security Camera RW 1 EA OWC On Wall/Ceiling 104 Spray Applied Fireproofing G Gray	FWC Floor/Walls/Ceiling areas throughout the jail. 395 Fiber Reinforced Plastic M NS Non-Friable NLD Nailed 705 Flourescent Light Fixtures OC On Ceiling O bulbs and one ballast. 775 Security Camera RW 1 EA Non-Friable OWC On Wall/Ceiling 104 Spray Applied S ND Friable Fireproofing G Gray	FWC Floor/Walls/Ceiling areas throughout the jail. 395 Fiber Reinforced Plastic M NS Non-Friable NLD Nailed 705 Flourescent Light Fixtures OC On Ceiling Obulbs and one ballast. 775 Security Camera RW 1 EA Non-Friable OWC On Wall/Ceiling 104 Spray Applied Fireproofing G Gray Friable	FWC Floor/Walls/Ceiling areas throughout the jail. 395 Fiber Reinforced Plastic M NS Non-Friable 705 Flourescent Light Fixtures OC On Ceiling O bulbs and one ballast. 775 Security Camera RW 1 EA Non-Friable OWC On Wall/Ceiling S Priable 104 Spray Applied Fireproofing G Gray NNS Non-Friable Friable	FWC Floor/Walls/Ceiling areas throughout the jail. 395 Fiber Reinforced Plastic M NS Non-Friable NLD Nailed 705 Flourescent Light Fixtures OC On Ceiling O bulbs and one ballast. 775 Security Camera RW 1 EA Non-Friable OWC On Wall/Ceiling 104 Spray Applied Fireproofing G Gray RW 1 Friable	FWC Floor/Walls/Ceiling areas throughout the jail. 395 Fiber Reinforced Plastic M NS Non-Friable NLD Nailed 705 Flourescent Light Fixtures OC On Ceiling Obulbs and one ballast. 775 Security Camera RW 1 EA Non-Friable OWC On Wall/Ceiling 104 Spray Applied S ND Friable Fireproofing G Gray	FWC Floor/Walls/Ceiling areas throughout the jail. 395 Fiber Reinforced Plastic M NS Non-Friable 0 NLD Nailed 705 Flourescent Light Fixtures OC On Ceiling Debuts and one ballast. 775 Security Camera RW 1 EA Non-Friable OWC On Wall/Ceiling 104 Spray Applied S ND Friable Fireproofing G Gray

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Testing, Inc.
550 Cleveland Avenue North
St. Paul, MN 55114

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Client Name: TKDA

Project Number: P-0013158

Project Manager: Bruce A. Boehm Carlson

Sample Set Name: 1

Building Number: 109/111

Building Name Chisago County Jail Buildings
Building Address 1: 109/111 North Main Street

Building Address 2:

Area	Material	Material ID Description		Asbestos Quantity	Lead	Physical		Dam	_		Cond	AHER/
Location Room Number	ID Subcat ID	Subcategory Description	Code	Content	Paint	Assessment: Friability Condition	W/ato	Poter	ntial: Vib	۸۵۵	Rating	Rating
							vvatei	AII	VID	ALL		
Jail	702	Emergency Lighting	RW	1 EA		Non-Friable						
Floor 01	OWC	On Wall/Ceiling										
113												
Notes:												
Jail	705	Flourescent Light Fixtures	RW	2 EA		Non-Friable						
Floor 01	OC	On Ceiling										
113												
Notes: Each fixture	has four bulbs a	nd two ballasts.										
Jail	761	Door Closers	RW	3 EA		Non-Friable						
Floor 01	OD	On Door										
113												
Notes:												
Jail	763	Smoke Detector	RW	1 EA		Non-Friable						
Floor 01	OWC	On Wall/Ceiling										
113												
Notes:												
Jail	775	Security Camera	RW	2 EA		Non-Friable						
Floor 01	OWC	On Wall/Ceiling										
113												
Notes:												
Jail	222	0-4" Fibrous Pipe Fittings	Т	ND		Friable					7	7
Floor 01	W	White										
114												
	oughout the jail.											

Project Number: P-0013158

Project Manager: Bruce A. Boehm Carlson

Sample Set Name: 1

Building Number: 109/111

Building Name Chisago County Jail Buildings Building Address 1: 109/111 North Main Street

Building Address 2:

Area Location Room Number	Material ID Subcat ID	Material ID Description Subcategory Description	Material Code	Asbestos Quantity Content	Lead Paint	Physical Assessment: Friability Condition	Wate	Dam Poter Air	_	Acc	Cond Rating	AHERA Rating
Jail	705	Flourescent Light Fixtures	RW	1 EA		Non-Friable						
Floor 01	OC	On Ceiling										
114												
Notes: Each fixture	has two bulbs a	nd one ballast.										
Jail	742	Air Conditioners	RW	1 EA		Non-Friable						
Floor 01	IWW	In Wall/Window										
114												
Notes:												
Jail	763	Smoke Detector	RW	1 EA		Non-Friable						
Floor 01	OWC	On Wall/Ceiling										
114												
Notes:												
Jail	775	Security Camera	RW	1 EA		Non-Friable						
Floor 01	OWC	On Wall/Ceiling										
114												
Notes:												
Jail	109	Plaster	S	ND		Friable					7	7
Floor 01	WC	Walls and Ceilings										
115												
Notes: Located thr	oughout the jail.											
Jail	702	Emergency Lighting	RW	1 EA		Non-Friable						
Floor 01	OWC	On Wall/Ceiling										
115		- ,										
Notes:												

Project Number: P-0013158

Project Manager: Bruce A. Boehm Carlson

Sample Set Name: 1

Building Number: 109/111

Building Name Chisago County Jail Buildings Building Address 1: 109/111 North Main Street

Building Address 2:

Area Location	Material ID	Material ID Description Subcategory Description	Material Code	Asbestos Quantity Content	Lead Paint	Physical Assessment:		Dama Poten	_		Cond Rating	AHERA Rating
Room Number	Subcat ID	Subcategory Description	Code	Content	raiiit	Friability Condition	Water	Air Air		Acc	Natilig	Nating
Jail	705	Flourescent Light Fixtures	RW	2 EA		Non-Friable						
Floor 01	ОС	On Ceiling										
115												
Notes: Each fixture	has one bulb an	d one ballast.										
Jail	705	Flourescent Light Fixtures	RW	3 EA		Non-Friable						
Floor 01	ОС	On Ceiling										
115												
Notes: Each fixture	has two bulbs a	nd one ballast.										
Jail	748	Electronics	RW	4 EA		Non-Friable						
Floor 01	OW	On Wall										
115												
Notes:												
Jail	761	Door Closers	RW	1 EA		Non-Friable						
Floor 01	OD	On Door										
115												
Notes:												
Jail	763	Smoke Detector	RW	1 EA		Non-Friable						
Floor 01	OWC	On Wall/Ceiling										
115												
Notes:												
Jail	775	Security Camera	RW	5 EA		Non-Friable						
Floor 01	OWC	On Wall/Ceiling										
115												
Notes:												

AET Project No. P-0013158 Page B 47 of 66

Client Name: TKDA

Project Number: P-0013158

Project Manager: Bruce A. Boehm Carlson

Sample Set Name: 1

Building Number: 109/111

Building Name Chisago County Jail Buildings Building Address 1: 109/111 North Main Street

Building Address 2:

Area Location	Material ID	Material ID Description Subcategory Description	Material Code	Asbestos Quantity Content	Lead Paint	Physical Assessment:		Dama Poten	_		Cond Rating	AHERA Rating
Room Number	Subcat ID					Friability Condition	Water	Air	Vib	Acc		
Jail	705	Flourescent Light Fixtures	RW	1 EA		Non-Friable						
Floor 01	OC	On Ceiling										
116												
Notes: Each fixture l	nas two bulbs a	nd one ballast.										
Jail	705	Flourescent Light Fixtures	RW	2 EA		Non-Friable						
Floor 01	OC	On Ceiling										
117												
Notes: Each fixture h	nas two bulbs a	nd one ballast.										
Jail	708	Thermostats	RW	1 EA		Non-Friable						
Floor 01	OW	On Wall										
117												
Notes:												
Jail	753	Chemicals/Cleaners	RW	2 GAL		Non-Friable						
Floor 01	OFC	On Floor/Counter										
117												
Notes:												
Jail	763	Smoke Detector	RW	1 EA		Non-Friable						
Floor 01	OWC	On Wall/Ceiling										
117												
Notes:												

Project Number: P-0013158

Project Manager: Bruce A. Boehm Carlson

Sample Set Name: 1

Building Number: 109/111

Building Name Chisago County Jail Buildings Building Address 1: 109/111 North Main Street

Building Address 2:

City, State Zip: Center City, MN 55012

Area Location	Material ID	Material ID Description Subcategory Description	Material Code	Asbestos Quantity Content	Lead Paint	Physical Assessment:		Dam Potei			Cond Rating	AHERA Rating
Room Number	Subcat ID					Friability Condition	Water	Air	Vib	Acc		
Jail	705	Flourescent Light Fixtures	RW	1 EA		Non-Friable						
Floor 01	OC	On Ceiling										
118												
Notes: Each fixture	has two bulbs a	nd one ballast.										
Jail	708	Thermostats	RW	1 EA		Non-Friable						
Floor 01	OW	On Wall										
118												
Notes:												
Jail	775	Security Camera	RW	1 EA		Non-Friable						
Floor 01	OWC	On Wall/Ceiling										
118												
Notes:												
Jail	705	Flourescent Light Fixtures	RW	1 EA		Non-Friable						
Floor 01	OC	On Ceiling										
119												
Notes: Each fixture	has two bulbs a	nd one ballast.										
Jail	775	Security Camera	RW	1 EA		Non-Friable						
Floor 01	OWC	On Wall/Ceiling										
119												
Notes:												
Jail	109	Plaster	S	ND		Friable					7	7
Floor 01	WC	Walls and Ceilings										
120												
Notes: Located thro	oughout the jail.											

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American Engineering
Testing, Inc.
550 Cleveland Avenue North
St. Paul, MN 55114

Project Number: P-0013158

Project Manager: Bruce A. Boehm Carlson

Sample Set Name: 1

Building Number: 109/111

Building Name Chisago County Jail Buildings Building Address 1: 109/111 North Main Street

Building Address 2:

Area Location	Material ID	Material ID Description Subcategory Description	Material Code	Asbestos Quantity Content	Lead Paint	Physical Assessment:		Dam Poten	_		Cond Rating	AHERA Rating
Room Number	Subcat ID	Subcategory Description	Code	Content	raint	Friability Condition	Water			Acc	itating	Nating
Jail	705	Flourescent Light Fixtures	RW	1 EA		Non-Friable						
Floor 01 120	OC	On Ceiling										
Notes: Each fixture	has two bulbs a	nd one ballast.										
Jail	775	Security Camera	RW	1 EA		Non-Friable						
Floor 01	OWC	On Wall/Ceiling										
120												
Notes:												
Jail	222	0-4" Fibrous Pipe Fittings	Т	ND		Friable					7	7
Floor 01	W	White										
121												
Notes: Located thro	ughout the jail.											
Jail	702	Emergency Lighting	RW	1 EA		Non-Friable						
Floor 01	OWC	On Wall/Ceiling										
121												
Notes:												
Jail	705	Flourescent Light Fixtures	RW	7 EA		Non-Friable						
Floor 01	OC	On Ceiling										
121												
Notes: Each fixture	has one bulb an	d one ballast.										
Jail	775	Security Camera	RW	2 EA		Non-Friable						
Floor 01	OWC	On Wall/Ceiling										
121												
Notes:												

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Client Name: TKDA

Project Number: P-0013158

Project Manager: Bruce A. Boehm Carlson

Sample Set Name: 1

Building Number: 109/111

Building Name Chisago County Jail Buildings Building Address 1: 109/111 North Main Street

Building Address 2:

Area	Material	Material ID Description		Asbestos Quantity	Lead	Physical		Dama	_		Cond	AHERA
Location Room Number	ID Subcat ID	Subcategory Description	Code	Content	Paint	Assessment: Friability Condition	Water	Poten Air		Acc	Rating	Rating
Jail	705	Flourescent Light Fixtures	RW	4 EA		Non-Friable						
Floor 01	OC	On Ceiling										
122												
Notes: Each fixture	has two bulbs a	nd one ballast.										
Jail	761	Door Closers	RW	3 EA		Non-Friable						
Floor 01	OD	On Door										
122												
Notes:												
Jail	775	Security Camera	RW	1 EA		Non-Friable						
Floor 01	OWC	On Wall/Ceiling										
122												
Notes:												
Jail	705	Flourescent Light Fixtures	RW	1 EA		Non-Friable						
Floor 01	OC	On Ceiling										
122A												
Notes: Each fixture	has two bulbs a	nd one ballast.										
Jail	705	Flourescent Light Fixtures	RW	1 EA		Non-Friable						
Floor 01	OC	On Ceiling										
122B												
Notes: Each fixture	has two bulbs a	nd one ballast.										

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Client Name: TKDA

Project Number: P-0013158

Project Manager: Bruce A. Boehm Carlson

Sample Set Name: 1

Building Number: 109/111

Building Name Chisago County Jail Buildings Building Address 1: 109/111 North Main Street

Building Address 2:

Area	Material	Material ID Description		Asbestos Quantity	Lead	Physical		Dama	_		Cond	AHERA
Location Room Number	ID Subcat ID	Subcategory Description	Code	Content	Paint	Assessment: Friability Condition	Water	Poten Air		Acc	Rating	Rating
Jail	705	Flourescent Light Fixtures	RW	1 EA		Non-Friable						
Floor 01	OC	On Ceiling										
122C												
Notes: Each fixture	e has two bulbs a	nd one ballast.										
Jail	705	Flourescent Light Fixtures	RW	4 EA		Non-Friable						
Floor 01	ОС	On Ceiling										
123												
Notes: Each fixture	e has two bulbs a	nd one ballast.										
Jail	761	Door Closers	RW	3 EA		Non-Friable						
Floor 01	OD	On Door										
123												
Notes:												
Jail	775	Security Camera	RW	1 EA		Non-Friable						
Floor 01	OWC	On Wall/Ceiling										
123												
Notes:												
Jail	705	Flourescent Light Fixtures	RW	1 EA		Non-Friable						
Floor 01	ОС	On Ceiling										
124												
Notes: Each fixture	e has two bulbs a	nd one ballast.										

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Client Name: TKDA

Project Number: P-0013158

Project Manager: Bruce A. Boehm Carlson

Sample Set Name: 1

Building Number: 109/111

Building Name Chisago County Jail Buildings
Building Address 1: 109/111 North Main Street

Building Address 2:

Area Location Room Number	Material ID Subcat ID	Material ID Description Subcategory Description	Material Code	Asbestos Quantity Content	Lead Paint	Physical Assessment: Friability Condition	Water	Dam Poter Air	ntial:	Acc	Cond Rating	AHERA Rating
Jail	705	Flourescent Light Fixtures	RW	1 EA		Non-Friable						
Floor 01	OC	On Ceiling										
125												
Notes: Each fixture	has two bulbs a	nd one ballast.										
Jail	705	Flourescent Light Fixtures	RW	1 EA		Non-Friable						
Floor 01	ОС	On Ceiling										
126												
Notes: Each fixture	has two bulbs a	nd one ballast.										
Jail	109	Plaster	S	ND		Friable					7	7
Floor 01	WC	Walls and Ceilings										
128												
Notes: Located thro	ughout the jail.											
Jail	702	Emergency Lighting	RW	1 EA		Non-Friable						
Floor 01	OWC	On Wall/Ceiling										
128												
Notes:												
Jail	705	Flourescent Light Fixtures	RW	6 EA		Non-Friable						
Floor 01	OC	On Ceiling										
128												
Notes: Each fixture	has one bulb an	d one ballast.										

Project Number: P-0013158

Project Manager: Bruce A. Boehm Carlson

Sample Set Name: 1

Building Number: 109/111

Building Name Chisago County Jail Buildings Building Address 1: 109/111 North Main Street

Building Address 2:

Area Location	Material ID	Material ID Description Subcategory Description	Material Code	Asbestos Quantity Content	Lead Paint	Physical Assessment:		Dam Poter	ntial:		Cond Rating	AHERA Rating
Room Number	Subcat ID					Friability Condition	Wate	r Air	Vib	Acc		
Jail	775	Security Camera	RW	1 EA		Non-Friable						
Floor 01	OWC	On Wall/Ceiling										
128												
Notes:												
Jail	705	Flourescent Light Fixtures	RW	1 EA		Non-Friable						
Floor 01	OC	On Ceiling										
129												
Notes: Each fixture	has two bulbs a	and one ballast.										
Jail	761	Door Closers	RW	2 EA		Non-Friable						
Floor 01	OD	On Door										
129												
Notes:												
Jail	705	Flourescent Light Fixtures	RW	4 EA		Non-Friable						
Floor 01 130	ОС	On Ceiling										
Notes: Each fixture	has two bulbs a	and one ballast.										
Jail	761	Door Closers	RW	3 EA		Non-Friable						
Floor 01	OD	On Door										
130												
Notes:												
Jail	775	Security Camera	RW	1 EA		Non-Friable						
Floor 01	OWC	On Wall/Ceiling										
130												
Notes:												

Project Number: P-0013158

Project Manager: Bruce A. Boehm Carlson

Sample Set Name: 1

Building Number: 109/111

Building Name Chisago County Jail Buildings Building Address 1: 109/111 North Main Street

Building Address 2:

Area Location Room Number	Material ID Subcat ID	Material ID Description Subcategory Description	Material Code	Asbestos Quantity Content	Lead Paint	Physical Assessment: Friability Condition	Water	Dam Poten Air	itial:	Acc	Cond Rating	AHERA Rating
Jail	705	Flourescent Light Fixtures	RW	1 EA		Non-Friable						
Floor 01 131	OC	On Ceiling										
Notes: Each fixture	e has two bulbs a	nd one ballast.										
Jail	705	Flourescent Light Fixtures	RW	1 EA		Non-Friable						
Floor 01 132	OC	On Ceiling										
Notes: Each fixture	e has two bulbs a	nd one ballast.										
Jail	705	Flourescent Light Fixtures	RW	1 EA		Non-Friable						
Floor 01 133	OC	On Ceiling										
Notes: Each fixture	e has two bulbs a	nd one ballast.										
Jail	705	Flourescent Light Fixtures	RW	4 EA		Non-Friable						
Floor 01 134	OC	On Ceiling										
Notes: Each fixture	e has two bulbs a	nd one ballast.										
Jail	761	Door Closers	RW	3 EA		Non-Friable						
Floor 01 134	OD	On Door										
Notes:												

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Client Name: TKDA

Project Number: P-0013158

Project Manager: Bruce A. Boehm Carlson

Sample Set Name: 1

Building Number: 109/111

Building Name Chisago County Jail Buildings Building Address 1: 109/111 North Main Street

Building Address 2:

Area Location Room Number	Material ID Subcat ID	Material ID Description Subcategory Description	Material Code	Asbestos Quantity Content	Lead Paint	Physical Assessment: Friability Condition	Water	Dama Poten Air	tial:	Acc	Cond Rating	AHERA Rating
Jail	775	Security Camera	RW	1 EA		Non-Friable				7.00		
Floor 01	OWC	On Wall/Ceiling	1,,,,	12/(Wolf Triable						
134		5.1. 11 a, 558										
Notes:												
Jail	705	Flourescent Light Fixtures	RW	1 EA		Non-Friable						
Floor 01 135	OC	On Ceiling										
Notes: Each fixture ha	as two bulbs a	nd one ballast.										
Jail	705	Flourescent Light Fixtures	RW	1 EA		Non-Friable						
Floor 01	OC	On Ceiling										
136												
Notes: Each fixture ha	as two bulbs a	nd one ballast.										
Jail	705	Flourescent Light Fixtures	RW	1 EA		Non-Friable						
Floor 01 137	OC	On Ceiling										
Notes: Each fixture ha	as two bulbs a	nd one ballast.										
Jail	705	Flourescent Light Fixtures	RW	2 EA		Non-Friable						
Floor 01 138	ОС	On Ceiling										
	as two bulbs a	nd one ballast.										

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Client Name: TKDA

Project Number: P-0013158

Project Manager: Bruce A. Boehm Carlson

Sample Set Name: 1

Building Number: 109/111

Building Name Chisago County Jail Buildings Building Address 1: 109/111 North Main Street

Building Address 2:

City, State Zip: Center City, MN 55012

Area Location	Material ID	Material ID Description Subcategory Description	Material Code	Asbestos Quantity Content	Lead Paint	Physical Assessment:		Dam Poter	_		Cond Rating	AHERA Rating
Room Number	Subcat ID	Subcategory Description	Code	Content	ranit	Friability Condition	Water			Acc	Nating	Nating
Jail	775	Security Camera	RW	1 EA		Non-Friable						
Floor 01	OWC	On Wall/Ceiling										
138												
Notes:												
Jail	702	Emergency Lighting	RW	1 EA		Non-Friable						
Floor 01	OWC	On Wall/Ceiling										
139												
Notes:												
Jail	703	Exit Signs	RW	1 EA		Non-Friable						
Floor 01	OWC	On Wall/Ceiling										
139												
Notes:												
Jail	705	Flourescent Light Fixtures	RW	3 EA		Non-Friable						
Floor 01	OC	On Ceiling										
139												
Notes: Each fixture	has one bulb an	d one ballast.										
Jail	775	Security Camera	RW	1 EA		Non-Friable						
Floor 01	OWC	On Wall/Ceiling										
139												
Notes:												
Jail	705	Flourescent Light Fixtures	RW	4 EA		Non-Friable						
Floor 01	OC	On Ceiling										
140												
Notes: Each fixture	has two bulbs a	nd one ballast.										

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American Engineering Testing, Inc. 550 Cleveland Avenue North St. Paul, MN 55114 AET Project No. P-0013158 Page B 57 of 66

Client Name: TKDA

Project Number: P-0013158

Project Manager: Bruce A. Boehm Carlson

Sample Set Name: 1

Building Number: 109/111

Building Name Chisago County Jail Buildings Building Address 1: 109/111 North Main Street

Building Address 2:

Area Location Room Number	Material ID Subcat ID	Material ID Description Subcategory Description	Material Code	Asbestos Quantity Content	Lead Paint	Physical Assessment: Friability Condition	Water	Dam Poten Air	tial:	Acc	Cond Rating	AHERA Rating
Jail	761	Door Closers	RW	3 EA		Non-Friable				7.00		
Floor 01	OD	On Door		0 -								
140												
Notes:												
Jail	775	Security Camera	RW	1 EA		Non-Friable						
Floor 01	OWC	On Wall/Ceiling										
140		_										
Notes:												
Jail	705	Flourescent Light Fixtures	RW	1 EA		Non-Friable						
Floor 01	OC	On Ceiling										
141												
Notes: Each fixture	has two bulbs a	nd one ballast.										
Jail	705	Flourescent Light Fixtures	RW	1 EA		Non-Friable						
Floor 01 142	OC	On Ceiling										
Notes: Each fixture	has two bulbs a	nd one ballast.										
Jail	705	Flourescent Light Fixtures	RW	1 EA		Non-Friable						
Floor 01 143	OC	On Ceiling										
Notes: Each fixture	has two bulbs a	nd one ballast.										

AET Project No. P-0013158 Page B 58 of 66

Client Name: TKDA

Project Number: P-0013158

Project Manager: Bruce A. Boehm Carlson

Sample Set Name: 1

Building Number: 109/111

Building Name Chisago County Jail Buildings Building Address 1: 109/111 North Main Street

Building Address 2:

Area Location Room Number	Material ID Subcat ID	Material ID Description Subcategory Description	Material Code	Asbestos Quantity Content	Lead Paint	Physical Assessment: Friability Condition	Water	Dam Poten Air	rtial:	Acc	Cond Rating	AHERA Rating
Jail	705	Flourescent Light Fixtures	RW	1 EA		Non-Friable						
Floor 01 144	OC	On Ceiling										
Notes: Each fixture	has two bulbs a	nd one ballast.										
Jail	705	Flourescent Light Fixtures	RW	8 EA		Non-Friable						
Floor 01 145	OC	On Ceiling										
Notes: Each fixture	has two bulbs a	nd one ballast.										
Jail	775	Security Camera	RW	1 EA		Non-Friable						
Floor 01	OWC	On Wall/Ceiling										
145												
Notes:												
Jail	705	Flourescent Light Fixtures	RW	1 EA		Non-Friable						
Floor 01 146	OC	On Ceiling										
Notes: Each fixture	has two bulbs a	nd one ballast.										
Jail	705	Flourescent Light Fixtures	RW	1 EA		Non-Friable						
Floor 01 146	OC	On Ceiling										
	has one bulb an	d one ballast.										

Project Number: P-0013158

Project Manager: Bruce A. Boehm Carlson

Sample Set Name: 1

Building Number: 109/111

Building Name Chisago County Jail Buildings Building Address 1: 109/111 North Main Street

Building Address 2:

Area Location	Material ID	Material ID Description Subcategory Description	Material Code	Asbestos Quantity Content	Lead Paint	Physical Assessment:		nage ntial:		Cond Rating	AHERA Rating
Room Number	Subcat ID		Code	Content	Pallit	Friability Condition	Wate	Vib	Acc	natilig	Katilig
Jail	719	Fluorescent Bulbs	RW	50 EA		Non-Friable					
Floor 01	LOS	Loose									
147											
Notes:											
Jail	109	Plaster	S	ND		Friable				7	7
Floor 01	WC	Walls and Ceilings									
148											
Notes: Located thro	oughout the jail.										
Jail	702	Emergency Lighting	RW	2 EA		Non-Friable					
Floor 01	OWC	On Wall/Ceiling									
148		_									
Notes:											
Jail	705	Flourescent Light Fixtures	RW	5 EA		Non-Friable					
Floor 01	ОС	On Ceiling									
148		· ·									
Notes: Each fixture	has one bulb an	d one ballast.									
Jail	708	Thermostats	RW	1 EA		Non-Friable					
Floor 01	OW	On Wall									
148											
Notes:											
Jail	775	Security Camera	RW	1 EA		Non-Friable					
Floor 01	OWC	On Wall/Ceiling									
148											
Notes:											

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Client Name: TKDA

Project Number: P-0013158

Project Manager: Bruce A. Boehm Carlson

Sample Set Name: 1

Building Number: 109/111

Building Name Chisago County Jail Buildings Building Address 1: 109/111 North Main Street

Building Address 2:

City, State Zip: Center City, MN 55012

Area	Material	Material ID Description		Asbestos Quantity		Physical		Dam	_		Cond	AHERA
Location Room Number	ID Subcat ID	Subcategory Description	Code	Content	Paint	Assessment: Friability Condition	Water	Potei • Air		Acc	Rating	Rating
	705	Flourescent Light	RW	6 EA		Non-Friable	Water		VIII	Acc		
Jail	705	Fixtures	KVV	b EA		Non-Friable						
Floor 01	OC	On Ceiling										
149												
Notes: Each fixture	has two bulbs a	nd one ballast.										
Jail	763	Smoke Detector	RW	1 EA		Non-Friable						
Floor 01	OWC	On Wall/Ceiling										
149												
Notes:												
Jail	775	Security Camera	RW	1 EA		Non-Friable						
Floor 01	OWC	On Wall/Ceiling										
149												
Notes:												
Jail	310	12x12 Floor Tile & Mastic	M	ND		Non-Friable						
Floor 01	W	White										
150												
Notes: Located thr	oughout the jail.											
Jail	536	Rubber Flooring	М	YES 150 SF		Non-Friable						
Floor 01	BR	Brown										
150												
Notes: Only the ma	stic contain asb	estos.										
Jail	705	Flourescent Light	RW	4 EA		Non-Friable						
		Fixtures										
Floor 01	OC	On Ceiling										
150	has one bulb an											

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American Engineering Testing, Inc. 550 Cleveland Avenue North St. Paul, MN 55114

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Project Number: P-0013158

Project Manager: Bruce A. Boehm Carlson

Sample Set Name: 1

Building Number: 109/111

Building Name Chisago County Jail Buildings Building Address 1: 109/111 North Main Street

Building Address 2:

Area Location	Material ID	Material ID Description Subcategory Description	Material Code	Asbestos Quantity Content	Lead Paint	Physical Assessment:		Dam Poter		Cond Rating	AHERA Rating
Room Number	Subcat ID					Friability Condition	Water		Acc		
Jail	708	Thermostats	RW	1 EA		Non-Friable					
Floor 01	OW	On Wall									
150											
Notes:											
Jail	721	TVs/Monitors	RW	3 EA		Non-Friable					
Floor 01	ODF	On Desk/Floor									
150											
Notes:											
Jail	748	Electronics	RW	3 EA		Non-Friable					
Floor 01	OW	On Wall									
150											
Notes:											
Jail	705	Flourescent Light Fixtures	RW	1 EA		Non-Friable					
Floor 01	ОС	On Ceiling									
151											
Notes: Each fixture	has one bulb an	d one ballast.									
Jail	705	Flourescent Light Fixtures	RW	1 EA		Non-Friable					
Floor 01	OC	On Ceiling									
152											
Notes: Each fixture	has one bulb an	d one ballast.									
Jail	753	Chemicals/Cleaners	RW	5 GAL		Non-Friable					
Floor 01	OFC	On Floor/Counter									
152		<i>.</i>									
Notes:											

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Client Name: TKDA

Project Number: P-0013158

Project Manager: Bruce A. Boehm Carlson

Sample Set Name: 1

Building Number: 109/111

Building Name Chisago County Jail Buildings Building Address 1: 109/111 North Main Street

Building Address 2:

City, State Zip: Center City, MN 55012

Area Location Room Number	Material ID Subcat ID	Material ID Description Subcategory Description	Material Code	Asbestos Quantity Content	Lead Paint	Physical Assessment: Friability Condition	Water	Dam Poter Air	ntial:	Acc	Cond Rating	AHERA Rating
Jail	705	Flourescent Light Fixtures	RW	7 EA		Non-Friable						
Floor 01	ОС	On Ceiling										
153 Notes: Each fixture ha	as one hulh an	d one hallast										
Jail	763	Smoke Detector	RW	1 EA		Non-Friable						
Floor 01 153	OWC	On Wall/Ceiling										
Notes:												
Jail Floor 01 153	775 OWC	Security Camera On Wall/Ceiling	RW	1 EA		Non-Friable						
Notes:												
Jail	705	Flourescent Light Fixtures	RW	1 EA		Non-Friable						
Floor 01 154	OC	On Ceiling										
Notes: Each fixture ha	as two bulbs a	nd one ballast.										
Jail Floor 01 155 Notes:	719 CB	Fluorescent Bulbs Compact Bulb	RW	1 EA		Non-Friable						

Thursday, October 13, 2022

Project Number: P-0013158

Project Manager: Bruce A. Boehm Carlson

Sample Set Name: 1

Building Number: 109/111

Building Name Chisago County Jail Buildings
Building Address 1: 109/111 North Main Street

Building Address 2:

Area Location Room Number	Material ID Subcat ID	Material ID Description Subcategory Description	Material Code	Asbestos Quantity Content	Lead Paint	Physical Assessment: Friability Condition	Wate	Dam Poter Air	itial:	Acc	Cond Rating	AHERA Rating
Jail	705	Flourescent Light Fixtures	RW	1 EA		Non-Friable						
Floor 01	ОС	On Ceiling										
156												
Notes: Each fixture	has two bulbs a	nd one ballast.										
Jail	763	Smoke Detector	RW	1 EA		Non-Friable						
Floor 01	OWC	On Wall/Ceiling										
156												
Notes:												
Jail	702	Emergency Lighting	RW	1 EA		Non-Friable						
Floor 01	OWC	On Wall/Ceiling										
157												
Notes:												
Jail	705	Flourescent Light Fixtures	RW	2 EA		Non-Friable						
Floor 01 157	OC	On Ceiling										
Notes: Each fixture	has one bulb an	d one ballast.										
Jail	702	Emergency Lighting	RW	1 EA		Non-Friable						
Floor 01	OWC	On Wall/Ceiling										
158		-										
Notes:												
Jail	703	Exit Signs	RW	1 EA		Non-Friable						
Floor 01	OWC	On Wall/Ceiling										
158												
Notes:												

AET Project No. P-0013158 Page B 64 of 66

Client Name: TKDA

Project Number: P-0013158

Project Manager: Bruce A. Boehm Carlson

Sample Set Name: 1

Building Number: 109/111

Building Name Chisago County Jail Buildings
Building Address 1: 109/111 North Main Street

Building Address 2:

Area Location	Material ID	Material ID Description Subcategory Description	Material Code	Asbestos Quantity Content	Lead Paint	Physical Assessment:		Dama Poten	_		Cond Rating	AHERA Rating
Room Number	Subcat ID					Friability Condition	Water			Acc		
Jail	705	Flourescent Light Fixtures	RW	2 EA		Non-Friable						
Floor 01	OC	On Ceiling										
158												
Notes: Each fixture	has one bulb an	d one ballast.										
Jail	761	Door Closers	RW	1 EA		Non-Friable						
Floor 01	OD	On Door										
158												
Notes:												
Jail	775	Security Camera	RW	1 EA		Non-Friable						
Floor 01	OWC	On Wall/Ceiling										
158												
Notes:												
Jail	313	Sheet Floor & Mastic	М	ND		Friable					7	7
Floor 01	W	White										
159												
Notes: Located thro	oughout the jail.											
Jail	705	Flourescent Light Fixtures	RW	2 EA		Non-Friable						
Floor 01	ОС	On Ceiling										
159												
Notes: Each fixture	has two bulbs a	nd one ballast.										

AET Project No. P-0013158 Page B 65 of 66

Client Name: TKDA

Project Number: P-0013158

Project Manager: Bruce A. Boehm Carlson

Sample Set Name: 1

Building Number: 109/111

Building Name Chisago County Jail Buildings
Building Address 1: 109/111 North Main Street

Building Address 2:

Area Location	Material ID	Material ID Description Subcategory Description	Material Code	Asbestos Quantity Content	Lead Paint	Physical Assessment:		Dama Poten	_		Cond Rating	AHERA Rating
Room Number	Subcat ID	Subcategory Description	Couc	Content	· anic	Friability Condition	Water			Acc	Mating	Mating
Jail	705	Flourescent Light Fixtures	RW	1 EA		Non-Friable						
Floor 01	OC	On Ceiling										
159												
Notes: Each fixture	has one bulb an	d one ballast.										
Jail	742	Air Conditioners	RW	1 EA		Non-Friable						
Floor 01	IWW	In Wall/Window										
159												
Notes:												
Jail	763	Smoke Detector	RW	1 EA		Non-Friable						
Floor 01	OWC	On Wall/Ceiling										
159												
Notes:												
Jail	705	Flourescent Light Fixtures	RW	2 EA		Non-Friable						
Floor 01	OC	On Ceiling										
160												
Notes: Each fixture	has one bulb an	d one ballast.										
Jail	775	Security Camera	RW	1 EA		Non-Friable						
Floor 01	OWC	On Wall/Ceiling										
160												
Notes:												

AET Project No. P-0013158 Page B 66 of 66

Client Name: TKDA

Project Number: P-0013158

Project Manager: Bruce A. Boehm Carlson

Sample Set Name: 1

Building Number: 109/111

Building Name Chisago County Jail Buildings Building Address 1: 109/111 North Main Street

Building Address 2:

Area Location Room Number	Material ID Subcat ID	Material ID Description Subcategory Description	Material Code	Asbestos Quantity Content	Lead Paint	Physical Assessment: Friability Condition	Water	Dam Poter	ntial:	Acc	Cond Rating	AHERA Rating
Jail	705	Flourescent Light Fixtures	RW	2 EA		Non-Friable	vvater	730	VID	Acc		
Floor 01	OC	On Ceiling										
161												
Notes: Each fixture h	as one bulb an	d one ballast.										
Jail	775	Security Camera	RW	1 EA		Non-Friable						
Floor 01	OWC	On Wall/Ceiling										
161												
Notes:												
Jail	329	Wood	М	NS		Non-Friable					0	NA
Shed	FWC	Floor/Walls/Ceiling										
Interior												
Notes:												
Jail	402	Shingles	М	ND		Non-Friable						
Shed	BR	Brown										
Roof												
Notes:												

Appendix C

Asbestos Laboratory Analytical Results



Report for:

Bruce Boehm Carlson American Engineering Testing Inc 550 Cleveland Avenue N. Saint Paul, MN 55114

REVIEWED

By Bruce A. Boehm Carlson at 5:21 pm, Oct 12, 2022

Regarding: Project: P-0013158 EML ID: 3029894

Approved by:

Approved Signatory Balu Krishnan

Dates of Analysis: Asbestos PLM: 09-16-2022

Service SOPs: Asbestos PLM (EPA 40CFR App E to Sub E of Part 763 & EPA METHOD 600/R-93-116, SOP EM-AS-S-1267) NVLAP Lab Code 200844-0

All samples were received in acceptable condition unless noted in the Report Comments portion in the body of the report. The results relate only to the samples as received and tested. The results include an inherent uncertainty of measurement associated with estimating percentages by polarized light microscopy. Measurement uncertainty data for sample results with >1% asbestos concentration can be provided when requested.

Eurofins EMLab P&K ("the Company") shall have no liability to the client or the client's customer with respect to decisions or recommendations made, actions taken or courses of conduct implemented by either the client or the client's customer as a result of or based upon the Test Results. In no event shall the Company be liable to the client with respect to the Test Results except for the Company's own willful misconduct or gross negligence nor shall the Company be liable for incidental or consequential damages or lost profits or revenues to the fullest extent such liability may be disclaimed by law, even if the Company has been advised of the possibility of such damages, lost profits or lost revenues. In no event shall the Company's liability with respect to the Test Results exceed the amount paid to the Company by the client therefor.

Lab ID-Version 1: 14600921-1

Lab ID-Version‡: 14600922-1

Lab ID-Version 1: 14600923-1

EMLab ID: 3029894, Page 2 of 24

3000 Lincoln Drive East, Suite A, Marlton, NJ 08053 (866) 871-1984 Fax (856) 334-1040 www.emlab.com

Client: American Engineering Testing Inc

C/O: Bruce Boehm Carlson

Re: P-0013158

Date of Sampling: 09-12-2022 Date of Receipt: 09-13-2022 Date of Report: 09-16-2022

ASBESTOS PLM REPORT

Total Samples Submitted: 92 **Total Samples Analyzed:** 92

Total Samples with Layer Asbestos Content > 1%: 6

Location: 104-G-A. Spray applied fireproofing

Sample Layers	Asbestos Content
Gray Fireproofing	ND
Composite Non-Asbestos Content:	12% Cellulose
Sample Composite Homogeneity:	Good

Location: 104-G-B, Spray applied fireproofing

Sample Layers	Asbestos Content
Gray Fireproofing	ND
Composite Non-Asbestos Content:	12% Cellulose
Sample Composite Homogeneity:	Good

Location: 104-G-C, Spray applied fireproofing

Sample Layers	Asbestos Content
Gray Fireproofing	ND
Composite Non-Asbestos Content:	12% Cellulose
Sample Composite Homogeneity:	Good

Location: 104-C-D Spray applied fireproofing

Location: 104-G-D, Spray applied fireproofing	Lab ID-Version‡: 14600924-1
Sample Layers	Asbestos Content
Gray Fireproofing	ND
Composite Non-Asbestos Content:	12% Cellulose
Sample Composite Homogeneity:	Good

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Client: American Engineering Testing Inc

C/O: Bruce Boehm Carlson

Re: P-0013158

Date of Sampling: 09-12-2022 Date of Receipt: 09-13-2022 Date of Report: 09-16-2022

ASBESTOS PLM REPORT

Location: 104-G-E, Spray applied fireproofing

Location: 104-G-E, Spray applied fireproofing	Lab ID-Version‡: 14600925-1
Sample Layers	Asbestos Content
Gray Fireproofing	ND
Composite Non-Asbestos Content:	12% Cellulose
Sample Composite Homogeneity:	Good

Location: 108-HW-A, Stucco Lab ID-Version 1: 14600926-1

Sample Layers	Asbestos Content
Gray Stucco	ND
White Skim Coat	ND
Sample Composite Homogeneity:	Good

Location: 108-HW-B, Stucco Lab ID-Version‡: 14600927-1

Sample Layers	Asbestos Content
Gray Stucco	ND
White Skim Coat	ND
Sample Composite Homogeneity:	Good

Location: 108-HW-C, Stucco Lab ID-Version 1: 14600928-1

Sample Layers	Asbestos Content
White Stucco	ND
Sample Composite Homogeneity:	Good

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Client: American Engineering Testing Inc

C/O: Bruce Boehm Carlson

Re: P-0013158

Date of Sampling: 09-12-2022 Date of Receipt: 09-13-2022 Date of Report: 09-16-2022

ASBESTOS PLM REPORT

Location: 108-HW-D, Stucco

Sample Layers	Asbestos Content
Gray Stucco	ND
White Skim Coat	ND
Sample Composite Homogeneity:	Good

Location: 108-HW-E, Stucco

Sample Layers	Asbestos Content
Gray Stucco	ND
White Skim Coat	ND
Sample Composite Homogeneity:	Good

Lab ID-Version:: 14600931-1

Sample Layers	Asbestos Content
White Skim Coat with Paint	ND
Sample Composite Homogeneity:	Good

Location: 108-HW-G, Stucco

Sample Layers	Asbestos Content
Gray Stucco	ND
White Skim Coat	ND
Sample Composite Homogeneity: Good	

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Client: American Engineering Testing Inc

C/O: Bruce Boehm Carlson Re: P-0013158

Date of Sampling: 09-12-2022 Date of Receipt: 09-13-2022 Date of Report: 09-16-2022

ASBESTOS PLM REPORT

Location: 108-T-A, Stucco

Sample Layers	Asbestos Content
Gray Stucco	ND
White Skim Coat with Paint	ND
Composite Non-Asbestos Content: 3% Glass Fibers	
Sample Composite Homogeneity:	Good

Lab ID-Version‡: 14600934-1

Sample Layers	Asbestos Content
Gray Stucco	ND
White Skim Coat with Paint	ND
Composite Non-Asbestos Content: 3% Glass Fibers	
Sample Composite Homogeneity:	Good

Location: 108-T-C, Stucco

Sample Layers	Asbestos Content
Gray Stucco	ND
White Skim Coat with Paint	ND
Composite Non-Asbestos Content:	3% Glass Fibers
Sample Composite Homogeneity:	Good

Location: 109-HWC-A, Plaster

Lab ID-Version‡: 14600936-1

Sample Layers	Asbestos Content
Tan Plaster	ND
White Skim Coat	ND
Composite Non-Asbestos Content:	2% Hair/Wool
Sample Composite Homogeneity:	Good

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Client: American Engineering Testing Inc

C/O: Bruce Boehm Čarlson

Re: P-0013158

Date of Sampling: 09-12-2022 Date of Receipt: 09-13-2022 Date of Report: 09-16-2022

ASBESTOS PLM REPORT

Location: 109-HWC-B, Plaster

Lab ID-Version‡: 14600937-1

Sample Layers	Asbestos Content
Gray Plaster	ND
White Skim Coat	ND
White Texture with Paint	ND
Composite Non-Asbestos Content:	3% Hair/Wool
Sample Composite Homogeneity:	Good

Location: 109-HWC-C, Plaster

Lab ID-Version : 14600938-1

Sample Layers	Asbestos Content
Gray Plaster	ND
White Skim Coat with Paint	ND
Composite Non-Asbestos Content: 3% Hair/Wool	
Sample Composite Homogeneity:	Good

Location: 109-HWC-D, Plaster

Lab ID-Version‡: 14600939-1

Sample Layers	Asbestos Content
White Ceiling Texture with Paint	ND
Composite Non-Asbestos Content:	3% Vermiculite
Sample Composite Homogeneity:	Good

Location: 109-HWC-E, Plaster

Lab ID-Version‡: 14600940-1

Sample Layers	Asbestos Content
Gray Plaster	ND
Brown Paper	ND
Composite Non-Asbestos Content:	10% Cellulose
_	3% Hair/Wool
Sample Composite Homogeneity:	Good

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Client: American Engineering Testing Inc

C/O: Bruce Boehm Carlson

Re: P-0013158

Date of Sampling: 09-12-2022 Date of Receipt: 09-13-2022 Date of Report: 09-16-2022

ASBESTOS PLM REPORT

Location: 109-HWC-F, Plaster

Lab ID-Version‡: 14600941-1

Sample Layers	Asbestos Content
Gray Plaster	ND
White Skim Coat with Paint	ND
Composite Non-Asbestos Content:	2% Hair/Wool
Sample Composite Homogeneity:	Good

Location: 109-HWC-G, Plaster

Lab ID-Version‡: 14600942-1

Sample Layers	Asbestos Content
Gray Plaster	ND
White Skim Coat with Paint	ND
White Ceiling Texture with Paint	ND
Composite Non-Asbestos Content:	2% Hair/Wool
Sample Composite Homogeneity:	Good

Location: 109-WC-A, Plaster

Lab ID-Version‡: 14600943-1

Sample Layers	Asbestos Content
Gray Plaster with Paint	ND
White Skim Coat with Paint	ND
Sample Composite Homogeneity:	Good

Location: 109-WC-B, Plaster

Lab ID-Version‡: 14600944-1

Sample Layers	Asbestos Content
White Skim Coat with Paint	ND
Sample Composite Homogeneity:	Good

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Client: American Engineering Testing Inc

C/O: Bruce Boehm Carlson

Re: P-0013158

Date of Sampling: 09-12-2022 Date of Receipt: 09-13-2022 Date of Report: 09-16-2022

ASBESTOS PLM REPORT

Lab ID-Version‡: 14600945-1

Sample Layers	Asbestos Content
Gray Plaster	ND
White Skim Coat with Paint	ND
Sample Composite Homogeneity:	Good

Location: 109-WC-D, Plaster

Lab ID-Version : 14600946-1

Sample Layers	Asbestos Content
Gray Plaster	ND
White Skim Coat with Paint	ND
Sample Composite Homogeneity:	Good

Location: 109-WC-E, Plaster

Lab ID-Version‡: 14600947-1

Sample Layers	Asbestos Content
Gray Plaster	ND
White Skim Coat with Paint	ND
Composite Non-Asbestos Content:	2% Glass Fibers
Sample Composite Homogeneity:	Good

Location: 109-WC-F, Plaster

Lab ID-Version : 14600948-1

Sample Layers	Asbestos Content
Gray Plaster	ND
White Skim Coat with Paint	ND
Composite Non-Asbestos Content:	2% Glass Fibers
Sample Composite Homogeneity:	Good

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Client: American Engineering Testing Inc

C/O: Bruce Boehm Carlson

Re: P-0013158

Date of Sampling: 09-12-2022 Date of Receipt: 09-13-2022 Date of Report: 09-16-2022

ASBESTOS PLM REPORT

Location: 109-WC-G, Plaster Lab ID-Version‡: 14600949-1

Sample Layers	Asbestos Content
Gray Plaster	ND
White Skim Coat with Paint	ND
Composite Non-Asbestos Content: 2% Glass Fibers	
Sample Composite Homogeneity:	Good

Location: 112-HWC-A, Wall & ceiling texture

Lab ID-Version 1: 14600950-1

Sample Layers	Asbestos Content
White Drywall with Brown Paper	ND
White Ceiling Texture with Paint	ND
Composite Non-Asbestos Content:	12% Cellulose
Sample Composite Homogeneity:	Good

Location: 112-HWC-B, Wall & ceiling texture

Lab ID-Version 1: 14600951-1

Sample Layers	Asbestos Content
White Ceiling Texture with Paint	ND
Composite Non-Asbestos Content:	2% Vermiculite
Sample Composite Homogeneity:	Good

Location: 112-HWC-C, Wall & ceiling texture

Lab ID-Version 1: 14600952-1

Sample Layers	Asbestos Content
Tan Plaster	ND
White Skim Coat	ND
Sample Composite Homogeneity: Good	

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Lab ID-Version †: 14600953-1

Lab ID-Version‡: 14600954-1

Lab ID-Version 1: 14600955-1

Lab ID-Version 1: 14600956-1

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Client: American Engineering Testing Inc

C/O: Bruce Boehm Carlson

Re: P-0013158

Date of Sampling: 09-12-2022 Date of Receipt: 09-13-2022 Date of Report: 09-16-2022

ASBESTOS PLM REPORT

Location: 112-HWC-D, Wall & ceiling texture

Location: 112 11 we b, wan & cening texture	240 12 (015104, 17000)00 1
Sample Layers	Asbestos Content
White Ceiling Texture with Paint	ND
Brown Paper	ND
Composite Non-Asbestos Content:	12% Cellulose
	2% Vermiculite
Sample Composite Homogeneity	Good

Location: 112-HWC-E, Wall & ceiling texture

	·
Sample Layers	Asbestos Content
White Ceiling Texture with Paint	ND
Brown Paper	ND
Composite Non-Asbestos Content:	10% Cellulose
	3% Vermiculite
Sample Composite Homogeneity:	Good

Location: 208-W-A, 12-24 Fibrous pipe insulation

	·
Sample Layers	Asbestos Content
White Insulation	ND
Tan Wrap	ND
Composite Non-Asbestos Content:	40% Cellulose
_	5% Mineral Wool
Sample Composite Homogeneity:	Good

Location: 208-W-B, 12-24 Fibrous pipe insulation

Fry monutes	
Sample Layers	Asbestos Content
White Insulation	ND
Tan Wrap	ND
Composite Non-Asbestos Content:	40% Cellulose
	5% Mineral Wool
Sample Composite Homogeneity:	Good

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Lab ID-Version 1: 14600958-1

Lab ID-Version 1: 14600959-1

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Client: American Engineering Testing Inc

C/O: Bruce Boehm Carlson

Re: P-0013158

Date of Sampling: 09-12-2022 Date of Receipt: 09-13-2022 Date of Report: 09-16-2022

ASBESTOS PLM REPORT

Location: 208-W-C, 12-24 Fibrous pipe insulation

Location: 208-W-C, 12-24 Fibrous pipe insulation	Lab ID-Version‡: 14600957-1
Sample Layers	Asbestos Content
White Insulation	ND
Tan Wrap	ND
Composite Non-Asbestos Content	: 40% Cellulose
_	5% Mineral Wool
Sample Composite Homogeneity	Good

Location: 222-W-A, 0-4" Fibrous pipe fittings

Sample Layers	Asbestos Content
Gray Insulation	ND
Tan Wrap	ND
Composite Non-Asbestos Content:	20% Cellulose 20% Mineral Wool
Sample Composite Homogeneity:	Good

Location: 222-W-B, 0-4" Fibrous pipe fittings

	•
Sample Layers	Asbestos Content
Light Gray Insulation	ND
White Wrap	ND
Composite Non-Asbestos Content:	15% Cellulose
-	12% Mineral Wool
Sample Composite Homogeneity:	Good

Location: 222-W-C, 0-4" Fibrous pipe fittings	Lab ID-Version‡: 14600960-1
Sample Layers	Asbestos Content
White Insulation	ND
Tan Wrap	ND
Composite Non-Asbestos Content:	40% Cellulose
	5% Mineral Wool
Sample Composite Homogeneity:	Good

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Lab ID-Version †: 14600961-1

Lab ID-Version‡: 14600962-1

Lab ID-Version†: 14600963-1

Lab ID-Version†: 14600964-1

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Client: American Engineering Testing Inc

C/O: Bruce Boehm Carlson Re: P-0013158

Date of Sampling: 09-12-2022 Date of Receipt: 09-13-2022 Date of Report: 09-16-2022

ASBESTOS PLM REPORT

Location: 223-W-A, 4-8 fibrous pipe fittings

Location: 225- W-A, 4-6 fibrous pipe fittings	240 ID (CISION, 17000)01 I
Sample Layers	Asbestos Content
White Insulation	ND
Tan Wrap	ND
Composite Non-Asbestos Content:	20% Mineral Wool
	15% Cellulose
Sample Composite Homogeneity:	Good

Location: 223-W-B, 4-8 fibrous pipe fittings

, II 8	•
Sample Layers	Asbestos Content
White Insulation	ND
Tan Wrap	ND
Composite Non-Asbestos Content:	20% Mineral Wool 15% Cellulose
Sample Composite Homogeneity:	Good

Location: 223-W-C, 4-8 fibrous pipe fittings

Location: 225-W-C, 4-0 horous pipe fittings	Date 15 Version 4. 1 1000/05 1
Sample Layers	Asbestos Content
White Insulation	ND
Composite Non-Asbestos Content:	20% Mineral Wool
_	3% Cellulose
Sample Composite Homogeneity:	Good

Location: 236-B-A. Vibration joints

Location: 250 D 11, Vibration Joints	240 12 (0131014.11000)01.1
Sample Layers	Asbestos Content
Black Semi-Fibrous Material	ND
Composite Non-Asbestos Content:	40% Glass Fibers
Sample Composite Homogeneity:	Good

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Lab ID-Version †: 14600967-1

Lab ID-Version‡: 14600968-1

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Client: American Engineering Testing Inc

C/O: Bruce Boehm Carlson

Re: P-0013158

Date of Sampling: 09-12-2022 Date of Receipt: 09-13-2022 Date of Report: 09-16-2022

ASBESTOS PLM REPORT

Location: 302-PHB-A, 2x2 ceiling tile

Location: 302-PHB-A, 2x2 ceiling tile	Lab ID-Version‡: 14600965-1
Sample Layers	Asbestos Content
Tan Ceiling Tile	ND
Composite Non-Asbestos Content:	35% Cellulose
-	20% Mineral Wool
Sample Composite Homogeneity:	Good

Location: 303-PHB-A, 2x4 ceiling tile	Lab ID-Version‡: 14600966-1
Sample Layers	Asbestos Content
Gray Ceiling Tile with White Surface	ND
Composite Non-Asbestos Content:	30% Cellulose
-	20% Mineral Wool
Sample Composite Homogeneity:	Good

Location: 303-PHF-A 2x4 ceiling tile

Location: 303-1 111-11, 244 centing the	Eur 15 Version 4. 1 1000 your 1
Sample Layers	Asbestos Content
Gray Ceiling Tile with White Surface	ND
Composite Non-Asbestos Content:	30% Cellulose
-	25% Mineral Wool
Sample Composite Homogeneity:	Good

Location: 303-SR-A, 2x4 ceiling tile

Sample Layers	Asbestos Content
White Drywall with Brown Paper	ND
Composite Non-Asbestos Content:	12% Cellulose
	3% Glass Fibers
Sample Composite Homogeneity:	Good

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Lab ID-Version‡: 14600969-1

Lab ID-Version 1: 14600970-1

Lab ID-Version : 14600972-1

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C/O: Bruce Boehm Carlson

Re: P-0013158

Date of Sampling: 09-12-2022 Date of Receipt: 09-13-2022 Date of Report: 09-16-2022

ASBESTOS PLM REPORT

Location: 305-HWC-A, Sheetrock & taping compound

, , , , , , , , , , , , , , , , , , ,	
Sample Layers	Asbestos Content
White Drywall with Brown Paper	ND
White Joint Compound with Paint	ND
Composite Non-Asbestos Content:	12% Cellulose
Sample Composite Homogeneity:	Good

Location: 305-WC-A. Sheetrock & taping compound

, 1 8 1	
Sample Layers	Asbestos Content
White Drywall with Brown Paper	ND
White Joint Compound with Paint	ND
Composite Non-Asbestos Content:	12% Cellulose
Sample Composite Homogeneity:	Good

Location: 305-WC-B, Sheetrock & taping compound	Lab ID-Version‡: 14600971-1
Sample Layers	Asbestos Content
White Drywall with Brown Paper	ND
White Joint Compound with Paint	ND
Composite Non-Asbestos Content:	12% Cellulose
Sample Composite Homogeneity:	Good

Location: 308-4BR-A, Base cove & mastic

Sample Layers	Asbestos Content
Brown Baseboard	ND
Tan Mastic	ND
Sample Composite Homogeneity:	Good

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Lab ID-Version : 14600975-1

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Client: American Engineering Testing Inc

C/O: Bruce Boehm Carlson

Re: P-0013158

Date of Sampling: 09-12-2022 Date of Receipt: 09-13-2022 Date of Report: 09-16-2022

ASBESTOS PLM REPORT

Location: 308-4G-A, Base cove & mastic

Location: 308-4G-A, Base cove & mastic	Lab ID-Version‡: 14600973-1
Sample Layers	Asbestos Content
Gray Baseboard	ND
Tan Mastic	ND
Sample Composite Homogene	eity: Good

Location: 308-4LG-A, Base cove & mastic

Lab ID-Version 1: 14600974-1 Sample Layers **Asbestos Content** Gray Baseboard ND Yellow Mastic ND White Joint Compound ND Sample Composite Homogeneity: Good

Location: 308-6B-A, Base cove & mastic

Sample Layers	Asbestos Content
Black Baseboard	ND
Tan Mastic	ND
Sample Composite Homogeneity:	Good

Location: 309-HT-A, Mastic - carpet

Location: 309-HT-A, Mastic - carpet	Lab ID-Version‡: 14600976-1
Sample Layers	Asbestos Content
Multicolored Carpet	ND
Yellow Mastic	ND
Composite Non-Asbestos Content:	80% Synthetic Fibers
Sample Composite Homogeneity:	Good

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Lab ID-Version : 14600978-1

Lab ID-Version : 14600979-1

Lab ID-Version : 14600980-1

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C/O: Bruce Boehm Carlson

Re: P-0013158

Date of Sampling: 09-12-2022 Date of Receipt: 09-13-2022 Date of Report: 09-16-2022

ASBESTOS PLM REPORT

Location: 309-T-A, Mastic - carpet

Location: 309-T-A, Mastic - carpet	Lab ID-Version‡: 14600977-1
Sample Layers	Asbestos Content
Yellow Mastic	ND
Sample Composite Homogeneity:	Good

Location: 309-W-A, Mastic - carpet

Sample Layers	Asbestos Content
Transparent Mastic	ND
Gray Cementitious Material	ND
Sample Composite Homogeneity:	Good

Location: 310-HW-A, 12x12 floor tile & mastic

Sample Layers	Asbestos Content
Tan Floor Tile	ND
Black Mastic	3% Chrysotile
Brown Wood	ND
Composite Non-Asbestos Content:	10% Cellulose
Sample Composite Homogeneity:	Good

Location: 310-HWBRS-A, 12x12 floor tile & mastic

Sample Layers	Asbestos Content
White Floor Tile	ND
Yellow Mastic	ND
Sample Composite Homogeneity: Good	

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Lab ID-Version 1: 14600982-1

Lab ID-Version : 14600983-1

Lab ID-Version : 14600984-1

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C/O: Bruce Boehm Carlson Re: P-0013158

Date of Sampling: 09-12-2022 Date of Receipt: 09-13-2022 Date of Report: 09-16-2022

ASBESTOS PLM REPORT

Location: 310-TDTS-A, 12x12 floor tile & mastic

Location: 310-TDTS-A, 12x12 floor tile & mastic	Lab ID-Version‡: 14600981-1
Sample Layers	Asbestos Content
Tan Floor Tile	ND
Yellow Mastic	ND
Sample Composite Homogeneity: Good	

Location: 310-W-A, 12x12 floor tile & mastic

Sample Layers	Asbestos Content
White Floor Tile	ND
Yellow Mastic	ND
Sample Composite Homogeneity:	Good

Location: 311-HBR-A, 9x9 floor tile & mastic

Sample Layers	Asbestos Content
Brown Sheet Flooring with Fibrous Backing	ND
Brown Mastic	ND
Composite Non-Asbestos Content:	40% Cellulose
Sample Composite Homogeneity:	Good

Location: 311-HBRFB-A, 9x9 floor tile & mastic

Sample Layers	Asbestos Content
Brown Sheet Flooring with Fibrous Backing	ND
Brown Mastic	ND
Composite Non-Asbestos Content:	40% Cellulose
Sample Composite Homogeneity:	Good

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C/O: Bruce Boehm Carlson

Re: P-0013158

Date of Sampling: 09-12-2022 Date of Receipt: 09-13-2022 Date of Report: 09-16-2022

ASBESTOS PLM REPORT

Location: 311-HBRS-A, 9x9 floor tile & mastic

Sample Layers	Asbestos Content
Tan Floor Tile	ND
Black Mastic	3% Chrysotile
Brown Wood	ND
Composite Non-Asbestos Content:	10% Cellulose
Sample Composite Homogeneity:	Good

Location: 311-HW-A, 9x9 floor tile & mastic

Lab ID-Version‡: 14600986-1

Lab ID-Version‡: 14600985-1

Sample Layers	Asbestos Content
Brown Sheet Flooring with Fibrous Backing	ND
Brown Mastic	ND
Composite Non-Asbestos Content:	40% Cellulose
Sample Composite Homogeneity:	Good

Location: 313-HBR-A, sheet floor & mastic

Lab ID-Version‡: 14600987-1

Sample Layers	Asbestos Content
Brown Sheet Flooring with Fibrous Backing	ND
Brown Mastic	ND
Yellow Mastic	ND
Composite Non-Asbestos Content: 40% Cellulose	
Sample Composite Homogeneity:	Good

Location: 313-W-A, sheet floor & mastic

Lab ID-Version 1: 14600988-1

Sample Layers	Asbestos Content
Tan Sheet Flooring with Fibrous Backing	ND
White Mastic	ND
Composite Non-Asbestos Content:	12% Cellulose 4% Glass Fibers
Sample Composite Homogeneity:	Good

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Lab ID-Version‡: 14600989-1

Lab ID-Version‡: 14600991-1

Lab ID-Version 1: 14600992-1

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C/O: Bruce Boehm Carlson

Re: P-0013158

Date of Sampling: 09-12-2022 Date of Receipt: 09-13-2022 Date of Report: 09-16-2022

ASBESTOS PLM REPORT

Location: 315-2G-A, ceramic tile

Sample Layers	Asbestos Content
Gray Ceramic Tile	ND
Gray Grout	ND
Tan Mastic	ND
Sample Composite Homogeneity:	Good

Location: 315-4G-A, ceramic tile

ation: 315-4G-A, ceramic tile	Lab ID-Version‡: 14600990-1
Sample Layers	Asbestos Content
White Ceramic Tile	ND
White Grout	ND
Tan Mastic	ND
Sample Composite Homogeneity:	Good

Location: 315-6BR-A, ceramic tile

Sample Layers	Asbestos Content
Red Ceramic Tile	ND
Light Gray Mortar	ND
Gray Grout	ND
Sample Composite Homogeneity:	Good

Location: 321-B-A, caulk

	•
Sample Layers	Asbestos Content
Black Caulk	ND
Sample Composite Homogeneity:	Good

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Lab ID-Version : 14600994-1

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Client: American Engineering Testing Inc

C/O: Bruce Boehm Carlson

Re: P-0013158

Date of Sampling: 09-12-2022 Date of Receipt: 09-13-2022 Date of Report: 09-16-2022

ASBESTOS PLM REPORT

Location: 321-BR-A, caulk

Lab ID-Version‡: 14600993-1

Sample Layers	Asbestos Content
Dark Brown Caulk	ND
Sample Composite Homogeneity:	Good

Location: 321-BRFS-A, caulk

Sample Layers	Asbestos Content
Brown Caulk	ND
Sample Composite Homogeneity:	Good

Location: 321-HC-A, caulk

Lab ID-Version‡: 14600995-1

Sample Layers	Asbestos Content
Semi-Transparent Caulk	ND
Sample Composite Homogeneity:	Good

Location: 321-HW-A, caulk

Lab ID-Version‡: 14600996-1

Sample Layers	Asbestos Content
White Caulk	ND
Sample Composite Homogeneity:	Good

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Client: American Engineering Testing Inc

C/O: Bruce Boehm Carlson

Re: P-0013158

Date of Sampling: 09-12-2022 Date of Receipt: 09-13-2022 Date of Report: 09-16-2022

ASBESTOS PLM REPORT

Location: 321-LG-A, caulk

Lab ID-Version‡: 14600997-1

Sample Layers	Asbestos Content
Gray Caulk	ND
Sample Composite Homogeneity:	Good

Location: 321-RFS-A, caulk

Lab ID-Version‡: 14600998-1

Sample Layers	Asbestos Content
Red Caulk	ND
Green Caulk	ND
Composite Non-Asbestos Content:	5% Glass Fibers
Sample Composite Homogeneity:	Good

Location: 321-W-A, caulk

Lab ID-Version‡: 14600999-1

Sample Layers	Asbestos Content
White Caulk	ND
Sample Composite Homogeneity:	Good

Location: 324-HG-A, Cement board/pipe

Lab ID-Version‡: 14601000-1

Sample Layers	Asbestos Content
Gray Transite	15% Chrysotile
Yellow Adhesive	ND
Sample Composite Homogeneity:	Good

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Lab ID-Version 1: 14601004-1

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Client: American Engineering Testing Inc

C/O: Bruce Boehm Carlson

Re: P-0013158

Date of Sampling: 09-12-2022 Date of Receipt: 09-13-2022 Date of Report: 09-16-2022

ASBESTOS PLM REPORT

Location: 335-HW-A, Glazing Lab ID-Version : 14601001-1

Sample Layers	Asbestos Content
White Window Glazing	ND
Sample Composite Homogeneity:	Good

Location: 402-BR-A, Shingles	Lab ID-Version‡: 14601002-1
Sample Layers	Asbestos Content
Black Roofing Shingle / Multicolored Pebbles	ND
Black Tar Paper	ND
Composite Non-Asbestos Content:	40% Cellulose
	10% Glass Fibers
Sample Composite Homogeneity:	Good

Location: 402-HWB-A, Shingles	Lab ID-Version‡: 14601003-1
Sample Layers	Asbestos Content
Black Roofing Shingle / Black Pebbles	ND
Black Tar Paper	ND
Composite Non-Asbestos Conten	35% Cellulose
_	10% Glass Fibers
Sample Composite Homogeneity	: Good

Location: 408-BN-A. Flat roof

	· · · · · · · · · · · · · · · · · · ·
Sample Layers	Asbestos Content
Gray/Black Tar Felt	ND
Black Roofing Tar	ND
Black Roofing Material	ND
Brown Insulation	ND
Composite Non-Asbestos Content:	60% Cellulose
Sample Composite Homogeneity:	Good

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Lab ID-Version : 14601007-1

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Client: American Engineering Testing Inc

C/O: Bruce Boehm Carlson

Re: P-0013158

Date of Sampling: 09-12-2022 Date of Receipt: 09-13-2022 Date of Report: 09-16-2022

ASBESTOS PLM REPORT

Location: 419-BS-A, South Membrane

Location: 419-BS-A, South Membrane	Lab ID-Version‡: 14601005-1
Sample Layers	Asbestos Content
Black Roofing Material	ND
White Drywall with Brown Paper	ND
Composite Non-Asbestos Content:	10% Cellulose
Sample Composite Homogeneity	Good

Location: 430-HB-A, Tar Lab ID-Version : 14601006-1

Sample Layers	Asbestos Content
Black Tar	ND
Sample Composite Homogeneity:	Good

Location: 502-W-A Sink undercoating

Location: 302 W 11, Shik under coating	240 12 (6181014.11001007.1
Sample Layers	Asbestos Content
Gray Sink Undercoating	ND
Composite Non-Asbestos Content:	3% Cellulose
Sample Composite Homogeneity:	Good

Location: 509-HB-A, Adhesive Lab ID-Version 1: 14601008-1

Sample Layers	Asbestos Content
Black Adhesive	2% Chrysotile
Brown Wood	ND
Composite Non-Asbestos Content:	60% Cellulose
Sample Composite Homogeneity:	Good

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Lab ID-Version †: 14601009-1

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C/O: Bruce Boehm Carlson

Re: P-0013158

Date of Sampling: 09-12-2022 Date of Receipt: 09-13-2022 Date of Report: 09-16-2022

ASBESTOS PLM REPORT

Location: 509-HBG-A, Adhesive

Location: 507-11DG-A, Auncsive	Eur D version ₄ . I voorooy 1
Sample Layers	Asbestos Content
Beige Adhesive	3% Chrysotile
Pink Texture with Paint	ND
Brown Fiberboard	ND
Composite Non-Asbestos Content:	30% Cellulose
Sample Composite Homogeneity:	Good

Lab ID-Version‡: 14601010-1

Sample Layers	Asbestos Content
Brown Adhesive	ND
Sample Composite Homogeneity:	Good

Lab ID-Version‡: 14601011-1

Sample Layers	Asbestos Content
Tan Adhesive	ND
Sample Composite Homogeneity:	Good

Location: 536-BR-A, Rubber flooring

Lab ID-Version‡: 14601012-1

Sample Layers	Asbestos Content
Brown/White Flooring	ND
Black Adhesive	3% Chrysotile
Sample Composite Homogeneity:	Good

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		Chai	n of Cust	ody, San	ple Set 1	L .	· · · ·	
Project Number Cleint Name	P-0013158 TKOA	Building Number Building Name	r <u>109/111</u> : <u>Chisago Coun</u>	ity Jall B	Address 1 10	9/111 North M	aln Street	- — —
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Notes	 92 bulk samples for PO No.: 18334-356	asbestos PLM ar	nalysis.		,			



Total List of Samples, Project Number P-0013158, Sample Set 1

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Sample_Numbe	er Location Description	Material Description	Material Sub Description
104-G-A	Jail Floor 01 103	Spray Applied Fireproofing	Gray
104-G-B	Jail Floor 01 104	Spray Applied Fireproofing	Gray
104 G C	Jail Floor 01 106	Spray Applied Fireproofing	Gray
1 04-G-D	Jail Floor 01 110	Spray Applied Fireproofing	Gray
104-G-E	Jail Floor 01 113	Spray Applied Flreproofing	Gray
108-HW-A	House Exterior	Stucco	House White
108-HW-B	House Exterior	Stucco	House White
108-HW -C	House Exterior	Stucco	House White
108-HW -D	House Exterior	Stucco	House White
108-HW-E	House Exterior	Stucco	House White
108-HW -F	House Exterior	Stucco	House White
108-HW -G	House Exterior	Stucco	House White
108-T-A	Jail Exterior	Stucco	Tan
108-T -B	Jail. Exterior	Stucco	Tan
108-T-C	Jall Exterior	Stucco	Tan
109-HWC-A	House Basement 01	Plaster	House Walls and Ceilings
109-HWC-В	House Floor 01 01	Plaster	House Walls and Ceilings
109-HWC-C	House Floor 01 03	Plaster .	House Walls and Ceilings
109-HWC-D	House Floor 01 05	Plaster	House Walls and Ceilings
109-HWC-E	House Floor 02 02	Plaster	House Walls and Ceilings
109-HWC-F	House Floor 02 03	Plaster	House Walls and Cellings
109-HWC-G	House Floor 02 04	Plaster	House Walls and Cellings
109-WC-A	Jail Basement 02	Plaster	Wails and Ceilings
to9-wc-B	Jail Basement 12	Plaster	Walls and Cellings
LO9-WC-C	Jail Floor 01 101	Plaster	Walls and Ceilings
		· ·	

Monday, September 12, 2022

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Samp	le_Number	Location Description	Material Description	Material Sub Description
109-V	VC-E	Jail Floor 01 120	Plaster	Walls and Ceilings
109-W	VC-F	Jail Floor 01 128	Plaster	Walls and Ceilings
109-W	vo-g	Jail Floor 01 148	Plaster	Walls and Cellings
112-H	IWC-A	House Floor 01, 01	Wall & Ceillng Texture	House Walls and Ceilings
112-H	IWC-8	House Floor 01 03	Wall & Ceiling Texture	House Walls and Ceilings
112 ⋅H	WC-C	House Floor 01 05	Wall & Ceiling Texture	House Wells and Ceilings
112-H	WC-D	House Floor 02 03.	Wall & Ceiling Texture	House Walls and Cellings
112-H	WC-E	House Floor 02 05	Wall & Ceiling Texture	House Walls and Coilings
208-W	/-A	Jail Basement 09	12-24 Fibrous Pipe Insulation	White
208-W	-в	Jail Basement 09	12-24 Fibrous Pipe Insulation	White
208-W	·c	Jail Basement 09	12-24 Fibrous Pipe Insulation	White
222-W	-A	Jail: Floor 01 103	0-4" Fibrous Pipe Fittings	White
222-W	-В	Jail Floor 01 114	0-4" Fibrous Pipe Fittings	White
222-W	c .	Jail Floor 01 121	0-4" Fibrous Pipe Fittings	White
223-W-	-А	Jall Basement 09	4-8 Fibrous Pipe Fittings	White
223-W-	В	Jail Basement 09	4-8 Fibrous Pipe Fittings	White
223-W-	¢	Jail Basement 09	4-8 Fibrous Pipe Fittings	White
236-B-/	4	Jail Basement 09	Vibration Joints	Black
302-PH	IB-A	Jaff Floor 01 104	2x2 Celling Tile	Plnhole Bird
303-PH	В-А	Jail Floor 01 103	2x4 Ceiring Tile	Pinhole Bird
303-PH	F-A	Jail Basement 08	2x4 Ceiling Tile	Pinhole Fissure
303-SR	-A	Jail Floor 01 110	2x4 Ceiling Tile	Sheetrock
305-HW	/C-A	House Floor 01 01	Sheetrook & Taping Compound	House Walls and Ceilings
305-W0	λA	Jail Basement 02	Sheetrock & Taping Compound	Walls and Ceilings
305-W0	:-В	Jail Floor 01, 103	Sheetrook & Taping Compound	Walls and Ceilings
308-4BI	R-A	Jell Floor 01 103	Base Coye & Mastic	4" Brown
308-4G-	А	Jail Floor 01 105	Base Cove & Mastic	4" Gray
308-4L6	à-A	Jail Basement 08	Base Cove & Mastic	4" Light Gray
*				

Monday, September 12, 2022

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Sample_Num	ber Location Description	Material Description	Material Sub Description
308-6B-A	Jail Basement 13	Base Cove & Mastic	6" Black
309-HT-A	House Floor 02 02	Mastic - Carpet	House Тап
309-T-A	Jail Floor 01 106	Mastic - Carpet	Tan,
309-W-A	Jail Floor 01 103	Mastic - Carpet	White
310-HW -A	House Floor 02 03	12x12 Floor Tile & Mastic	House White
310-HWBRS-A	House Floor 02 03	12x12 Floor Tile & Mastic	House White w/ Brown Streaks
310-TDTS-A	Jail Floor 01 105	12x12 Floor Tile & Mastic	Tan w/ Dark Tan Streaks
310-W-A	Jail Floor 01 150	12x12 Floor Tile & Mastic	White
311-HBR -⊅	House Floor 01 04	9x9 Floor Tile & Mastic	House Brown
311-HBRFE-Å	House Floor 01 01	9x9 Floor Tile & Mastic	House Brown w/ Fiber Backing
311-HBR\$A	House Floor 02 02	9x9 Floor Tile & Mastic	House Brown w/ Spots
311-HWA	House Floor 01 04	9x9 Floor Tile & Mastic	House White
313-HBR -A	House Floor 01 03	Sheet Floor & Mastic	House Brown
313-W-A	Jail Floor 01 159	Sheet Floor & Mastic	White
315-2G-A	Jail Floor 01 104	Ceramic Tile	2" Gray
315-4G-A	Jail Floor 01, 104	Ceramic Tile	4" Gray
315-6BR-A	Jall Floor 01 111	Ceramic Tile	6" Brown
321-B-A	Jall Floor 01 101	Caulk	Black
321-BR-A	Jail Floor 01 103	Caulk	Brown
321-BRFS-A	Jail Basement 09	Caulk	Brown Fire Stop.
321-HC-A	House Exterior	Caulk	House Clear
321-HW-A	House Exterior	Caulk	House White
321-LG-A	Jail Floor 01 109	Caulk	Light Gray
321-RES-A	Jail Basement 09	Caulk	Red Fire Stop
321-W-A	Jail Floor 01 101	Caulk	White
324-HG-A	House Basement 01	Cement Board/Pipe	House Gray
35-HW -A	House Exterior	Glazing	House White
02-8R-A	Jail Shed Roof	Shingles	Brown

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Sample_Number	Location Description	Material Description	Material Sub Description
402-HWB-4	House Exterior Roof	Shingles	House White/Black
408-BN-A	Jail Exterior Roof	Flat Roof	Black North
408-BS-A	Jail Exterior Roof	Flat Roof	Black South
430-НВ-Д	House Exterior	Tar	House Black
502-W-A	Jail Floor 01 106	Sink Undercoating	White
509-HB-A	House Floor 01 01	Adhesive	House Black
509-HBG-A	House Floor 01 01	Adhesive	House Beige
509-HBR -A	House Floor 02 03	Adhesive	House Brown
509-T -A	Jail Floor 01 111	Adhesive	Tan
536-BR-A	Jail Floor 01 150	Rubber Flooring	Brown
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Monday, September 12, 2022

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Appendix D

Lead Testing and PCB in Calking Analytical Results

AET Project No. P-0013158

XRF Lead Based Paint/Coating Testing Results TKDA, Chisago County Jail Building, 111 North Main St., Chisago, MN 55012 AET Project No. P-0013158



Sample No.	Description	Quantity	Side	Location	Lead (mg/cm²)	Remark
1	Brown Metal Door	NA	NA	Floor 01 Room 103	0.00	NEGATIVE
2	Pink Concrete Wall	NA	NA	Floor 01 Room 103	0.00	NEGATIVE
3	Light Blue Sheetrock Wall	NA	NA	Floor 01 Room 103	0.00	NEGATIVE
4	Medium Stained Wood Cabinets	NA	NA	Floor 01 Room 103	0.00	NEGATIVE
5	Brown Metal Window Frames	NA	NA	Floor 01 Room 103	0.00	NEGATIVE
6	Gray Metal Door	NA	NA	Floor 01 Room 106	0.00	NEGATIVE
7	White Concrete Wall	NA	NA	Floor 01 Room 110	0.00	NEGATIVE
8	Gray Metal Door	NA	NA	Floor 01 Room 110	0.00	NEGATIVE
9	White Concrete Wall	NA	NA	Floor 01 Room 112	0.00	NEGATIVE
10	Gray Concrete Floor	NA	NA	Floor 01 Room 112	0.00	NEGATIVE
11	Gray Metal Door	NA	NA	Floor 01 Room 112	0.00	NEGATIVE
12	Tan Concrete Wall	NA	NA	Floor 01 Room 115	0.00	NEGATIVE
13	Blue Concrete Wall	NA	NA	Floor 01 Room 115	0.00	NEGATIVE
14	White Metal Hatch	NA	NA	Floor 01 Room 115	0.00	NEGATIVE
15	White Metal Door	45 SF	NA	Floor 01 Room 115	2.10	POSITIVE
16	White Plaster Ceiling	NA	NA	Floor 01 Room 115	0.00	NEGATIVE
17	Gray Metal Stall	80 SF	NA	Floor 01 Room 116	1.30	POSITIVE
18	Pink Concrete Wall	NA	NA	Floor 01 Room 118	0.00	NEGATIVE
19	White Metal Hatch	NA	NA	Floor 01 Room 121	0.00	NEGATIVE
20	White Concerte Wall	NA	NA	Floor 01 Room 121	0.00	NEGATIVE
21	White Plaster Ceiling	NA	NA	Floor 01 Room 121	0.00	NEGATIVE
22	Blue Concrete Wall	NA	NA	Floor 01 Room 121	0.00	NEGATIVE
23	White Metal Door	45 SF	NA	Floor 01 Room 121	1.60	POSITIVE
24	Gray Concrete Floor	NA	NA	Floor 01 Room 121	0.00	NEGATIVE
25	White Metal Door Frame	9 SF	NA	Floor 01 Room 121	2.00	POSITIVE
26	White Metal Door	45 SF	NA	Floor 01 Room 123	1.80	POSITIVE
27	Gray Metal Bedframe	NA	NA	Floor 01 Room 136	0.00	NEGATIVE
28	Gray Concrete Floor	NA	NA	Floor 01 Room 136	0.00	NEGATIVE
Calibration I	Results	•			Readin	ig (mg/cm²)
	Standard		nge (mg/cm²)		Start	Finish
	SRM 2570	SRM <0.01			0.00	0
	SRM 2574 SRM 2571	SRM 0.71 ± 0 SRM 3.58 ± 0			0.70 3.52	0.74 3.57

AET Project No. P-0013158

XRF Lead Based Paint/Coating Testing Results TKDA, Chisago County Jail Building, 111 North Main St., Chisago, MN 55012 AET Project No. P-0013158



Sample No.	Description	Quantity	Side	Location	Lead (mg/cm ²)	Remark
29	Brown Concrete Floor	NA	NA	Floor 01 Room 146	0.00	NEGATIVE
30	White Concrete Wall	NA	NA	Floor 01 Room 149	0.00	NEGATIVE
31	Blue Concrete Wall	NA	NA	Floor 01 Room 149	0.00	NEGATIVE
32	Red Concrete Wall	NA	NA	Floor 01 Room 149	0.00	NEGATIVE
33	White Metal Door	45 SF	NA	Floor 01 Room 149	2.00	POSITIVE
34	White Metal Fence	NA	NA	Floor 01 Room 149	0.00	NEGATIVE
35	White Metal Window Frame	5 SF	NA	Floor 01 Room 149	2.40	POSITIVE
36	Light Green Concrete Wall	NA	NA	Floor 01 Room 150	0.00	NEGATIVE
37	Light Green Window Frames	53 SF	NA	Floor 01 Room 150	3.20	POSITIVE
						, , 2
alibration F	Results Standard	Standard Rai	nge (mg/cm²	1	Readir Start	ng (mg/cm ²) Finish
	SRM 2570	SRM < 0.01	ige (ilig/cill)	J	0.00	0
	SRM 2574	SRM 0.71 ± (0.08		0.70	0.74
	SRM 2571	SRM 3.58 ± 0			3.52	3.57



88 Empire Drive St Paul, MN 55103 Tel: 651-642-1150

September 28, 2022

Mr. Bruce A. Boehm Carlson American Engineering Testing, Inc. 550 Cleveland Ave N St. Paul, MN 55114

REVIEWED

By Bruce A. Boehm Carlson at 11:57 am, Oct 13, 2022

Work Order Number: 2204271

RE: PCB in Caulk

Enclosed are the results of analyses for samples received by the laboratory on 09/15/22. If you have any questions concerning this report, please feel free to contact me.

Results are not blank corrected unless noted within the report. Additionally, all QC results meet requirements unless noted.

The results in this report apply to the samples as received.

All samples will be retained by Legend Technical Services, Inc., unless consumed in the analysis, at ambient conditions for 30 days from the date of this report and then discarded unless other arrangements are made. All samples were received in acceptable condition unless otherwise noted.

All test results and QC meet requirements of the 2003 NELAC standard.

MDH (NELAP) Accreditation #027-123-295

Prepared by,

LEGEND TECHNICAL SERVICES, INC

Bach Pham

Client Manager II/Department Manager bpham@legend-group.com

Legend Technical Services, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety. AET Project No. P-0013158 Page D 4 of 9



88 Empire Drive St Paul, MN 55103 Tel: 651-642-1150

American Engineering Testing, Inc.

Project: PCB in Caulk

550 Cleveland Ave N St. Paul, MN 55114

Project Number: P-0013158 Chisago Jail Project Manager: Mr. Bruce A. Boehm Carlson

Work Order #: 2204271 Date Reported: 09/28/22

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
720-B-A Black Caulk	2204271-01	Caulk	09/15/22 00:00	09/15/22 15:28
720-BR-A Brown Caulk	2204271-02	Caulk	09/15/22 00:00	09/15/22 15:28
720-LG-A Light Grey Caulk	2204271-03	Caulk	09/15/22 00:00	09/15/22 15:28
720-W-A White Caulk	2204271-04	Caulk	09/15/22 00:00	09/15/22 15:28

Shipping Container Information

Default Cooler

Temperature (°C):

Ambient: Yes

Received on ice: No

Temperature blank was not present

Received on melt water: No

Received on ice pack: No Acceptable (IH/ISO only): No

Custody seals: No

Case Narrative:



88 Empire Drive St Paul, MN 55103 Tel: 651-642-1150

American Engineering Testing, Inc.

Project: PCB in Caulk

550 Cleveland Ave N Project Number: P-0013158 Chisago Jail
St. Paul, MN 55114 Project Manager: Mr. Bruce A. Boehm Carlson

Work Order #: 2204271

Date Reported: 09/28/22

PCB 8082A Legend Technical Services, Inc.

Analyte	Result	RL	MDL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
720-B-A Black Caulk (2204271-01) Caulk	Sampled: 09/	15/22 00:00	Recei	ved: 09/15/22 15	28					D1
Aroclor 1016	<0.092	8.0	0.092	mg/kg	4	B2I2314	09/23/22	09/28/22	EPA 8082A	M1
Aroclor 1221	<0.24	8.0	0.24	mg/kg	4	"	m m	n	"	
Aroclor 1232	<0.084	8.0	0.084	mg/kg	4	"	"	"	"	
Aroclor 1242	<0.072	8.0	0.072	mg/kg	4	"	"	"	"	
Aroclor 1248	<0.060	8.0	0.060	mg/kg	4	"	"	"	"	
Aroclor 1254	<0.048	8.0	0.048	mg/kg	4	"	m m	n	"	
Aroclor 1260	<0.052	8.0	0.052	mg/kg	4	"	"	"	"	M1
Surrogate: Decachlorobiphenyl	102			43.2-150 %		"	"	"	"	
Surrogate: Tetrachloro-meta-xylene	84.0			50.5-125 %		"	"	"	ıı .	
720-BR-A Brown Caulk (2204271-02) Cau	lk Sampled: 0	9/15/22 00:0	00 Red	ceived: 09/15/22	15:28					D1
Aroclor 1016	<0.099	8.6	0.099	mg/kg	4	B2I2314	09/23/22	09/28/22	EPA 8082A	
Aroclor 1221	<0.26	8.6	0.26	mg/kg	4	"			"	
Aroclor 1232	<0.090	8.6	0.090	mg/kg	4		"	"	"	
Aroclor 1242	<0.077	8.6	0.077	mg/kg	4		"	"	"	
Aroclor 1248	<0.064	8.6	0.064	mg/kg	4		"	"	"	
Aroclor 1254	<0.051	8.6	0.051	mg/kg	4		"	"	"	
Aroclor 1260	<0.056	8.6	0.056	mg/kg	4		"	"	"	
Surrogate: Decachlorobiphenyl	84.0			43.2-150 %		"	"	"	"	
Surrogate: Tetrachloro-meta-xylene	80.0			50.5-125 %		"	"	"	"	
720-LG-A Light Grey Caulk (2204271-03)	Caulk Sample	ed: 09/15/22	00:00	Received: 09/15	/22 15:28					D1
Aroclor 1016	<0.092	8.0	0.092	mg/kg	4	B2I2314	09/23/22	09/28/22	EPA 8082A	
Aroclor 1221	<0.24	8.0	0.24	mg/kg	4		"	"	"	
Aroclor 1232	<0.084	8.0	0.084	mg/kg	4		"	"	"	
Aroclor 1242	<0.072	8.0	0.072	mg/kg	4		"	"	"	
Aroclor 1248	<0.060	8.0	0.060	mg/kg	4	"			"	
Aroclor 1254	<0.048	8.0	0.048	mg/kg	4	"	"	"	"	
Aroclor 1260	<0.052	8.0	0.052	mg/kg	4	"	"	"	"	
Surrogate: Decachlorobiphenyl	86.0			43.2-150 %		"	"	"	"	
Surrogate: Tetrachloro-meta-xylene	84.0			50.5-125 %		"	"	"	"	
720-W-A White Caulk (2204271-04) Caulk	Sampled: 09/	15/22 00:00	Rece	ived: 09/15/22 15	:28					D1
Aroclor 1016	<0.092	8.0	0.092	mg/kg	4	B2I2314	09/23/22	09/28/22	EPA 8082A	
Aroclor 1221	<0.24	8.0	0.24	mg/kg	4	"			"	
Aroclor 1232	<0.084	8.0	0.084	mg/kg	4	"	"		"	
Aroclor 1242	<0.072	8.0	0.072	mg/kg	4	"	"	"	"	
Aroclor 1248	<0.060	8.0	0.060	mg/kg	4	"	"	"	"	
Aroclor 1254	<0.048	8.0	0.048	mg/kg	4	"	п	п	п	
Aroclor 1260	<0.052	8.0	0.052	mg/kg	4	"	п	п	п	
Surrogate: Decachlorobiphenyl	1170			43.2-150 %		"	"	"	"	S-04
- ,										- • •

AET Project No. P-0013158



88 Empire Drive St Paul, MN 55103 Tel: 651-642-1150

American Engineering Testing, Inc.

Project: PCB in Caulk

550 Cleveland Ave N Project Number: P-0013158 Chisago Jail
St. Paul, MN 55114 Project Manager: Mr. Bruce A. Boehm Carlson

Work Order #: 2204271

Date Reported: 09/28/22

PCB 8082A Legend Technical Services, Inc.

Analyte	Result RL	MDL Units	Dilution Batch	Prepared	Analyzed	Method	Notes
720-W-A White Caulk (2204271-04) Caulk	Sampled: 09/15/22 00:0	Received: 09/15/22 1	15:28				D1
Surrogate: Tetrachloro-meta-xylene	104	50.5-125 %	B2I231	4 09/23/22	09/28/22	EPA 8082A	



88 Empire Drive St Paul, MN 55103 Tel: 651-642-1150

Work Order #:

Date Reported:

2204271

09/28/22

American Engineering Testing, Inc.

Project: PCB in Caulk

550 Cleveland Ave N St. Paul, MN 55114 Project Number: P-0013158 Chisago Jail
Project Manager: Mr. Bruce A. Boehm Carlson

PCB 8082A - Quality Control Legend Technical Services, Inc.

Analyte	Result	RL	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	%RPD	%RPD Limit	Notes
Batch B2I2314 - EPA 3550C											
					D	00/00/00		0/00/00			
Blank (B2I2314-BLK1)	. 0.000	0.0	0.000		Prepared:	09/23/22 A	anaiyzed: 0	9/28/22			
Aroclor 1016	< 0.023	2.0	0.023	mg/kg							
Aroclor 1221	< 0.060	2.0	0.060	mg/kg							
Aroclor 1232	< 0.021	2.0	0.021	mg/kg							
Aroclor 1242	< 0.018	2.0	0.018	mg/kg							
Aroclor 1248	< 0.015	2.0	0.015	mg/kg							
Aroclor 1254	< 0.012	2.0	0.012	mg/kg							
Aroclor 1260	< 0.013	2.0	0.013	mg/kg							
Surrogate: Decachlorobiphenyl	0.493			mg/kg	0.667		74.0	43.2-150			
Surrogate: Tetrachloro-meta-xylene	0.423			mg/kg	0.667		63.5	50.5-125			
LCS (B2I2314-BS1)					Prepared:	09/23/22 A	Analyzed: 0	9/28/22			
Aroclor 1016	2.64	2.0	0.023	mg/kg	3.33	<2.0	79.2	70-130			
Aroclor 1260	2.74	2.0	0.013	mg/kg	3.33	<2.0	82.3	70-130			
Surrogate: Decachlorobiphenyl	0.547			mg/kg	0.667		82.0	43.2-150			
Surrogate: Tetrachloro-meta-xylene	0.477			mg/kg	0.667		71.5	50.5-125			
Matrix Spike (B2I2314-MS1)	S	ource: 2	204271-01		Prepared:	09/23/22 A	Analyzed: 0	9/28/22			
Aroclor 1016	7.08	8.0	0.092	mg/kg	3.33	<8.0	212	70-130			M1, J
Aroclor 1260	5.25	8.0	0.052	mg/kg	3.33	<8.0	158	70-130			M1, J
Surrogate: Decachlorobiphenyl	0.627			mg/kg	0.667		94.0	43.2-150			
Surrogate: Tetrachloro-meta-xylene	0.573			mg/kg	0.667		86.0	50.5-125			
Matrix Spike Dup (B2I2314-MSD1)	S	ource: 2	204271-01		Prepared: 09/23/22 Analyzed: 09/28/22			<u> </u>			
Aroclor 1016	6.09	8.0	0.092	mg/kg	3.36	<8.0	182	70-130	15.0	29.2	M1, J
Aroclor 1260	5.05	8.0	0.052	mg/kg	3.36	<8.0	150	70-130	4.01	37.6	M1, J
Surrogate: Decachlorobiphenyl	0.604			mg/kg	0.671		90.0	43.2-150			
Surrogate: Tetrachloro-meta-xylene	0.564			mg/kg	0.671		84.0	50.5-125			

AET Project No. P-0013158



88 Empire Drive St Paul, MN 55103 Tel: 651-642-1150

American Engineering Testing, Inc. Project: PCB in Caulk

550 Cleveland Ave N Project Number: P-0013158 Chisago Jail Work Order #: 2204271
St. Paul, MN 55114 Project Manager: Mr. Bruce A. Boehm Carlson Date Reported: 09/28/22

Notes and Definitions

S-04	The curregate recovery for	r this comple is outside o	f established control limits due to	a comple metrix effect
5-04	The surrodate recovery to	r this samble is outside o	i established control limits due to	o a samble matrix effect.

M1 Matrix spike recovery was high, the associated blank spike recovery was acceptable.

J Parameter was present between the MDL and RL and should be considered an estimated value

D1 Sample required dilution due to matrix.

< Less than value listed

dry Sample results reported on a dry weight basis

NA Not applicable. The %RPD is not calculated from values less than the reporting limit.

MDL Method Detection Limit; Equivalent to the method LOD (Limit of Detection)

RL Reporting Limit

RPD Relative Percent Difference

LCS Laboratory Control Spike = Blank Spike (BS) = Laboratory Fortified Blank (LFB)

MS Matrix Spike = Laboratory Fortified Matrix (LFM)

ITEM

RELINQUISHED BY/AFFILIATION

ACCEPTED BY/AFFILIATION

NOTE:

TIME 15-28

DATE

RASIM

Page 7 of 7

Appendix E

MPCA Pre-Demolition Environmental Checklist and Guide

AET Project No. P-0013158 Page E 1 of 2



Appendix E

Pre-Renovation/Demolition Environmental Checklist

Asbestos Program

Doc Type: Compliance/Enforcement Correspondence

Minn. R. 7035.0805 requires that you remove the items below before starting a renovation or demolition project, and then manage and recycle or dispose of them correctly. This checklist is provided to help you manage the project and does not need to be submitted to the Minnesota Pollution Control Agency unless requested.

Project Information

Structure owner			Structure inform	mation			
Name:			Building name:				
Address:			Address/Location:				
			_				
City, State, Zip:			City, State, Zip:				
Contact name:			Age of bldg (yrs):		Size of bldg (sq ft):		
Phone number:							
				<u> </u>			
Demolition contractor			Prior use of bldg:				
Name:			5				
Address:							
			Dates of renova	ation, de	emolition, or fire training burn:		
City, State, Zip:			Start date:				
Contact name:		_	(mm	/dd/yy)	(mm/dd/yy)		
Dhana numbari							
Priorie number.							
	ĺ			Ì		İ	
Mercury	Qty			Qty		Qty	
Batteries		Firestats:					
Smoke detectors:		Manomete			Boiler insulation:		
Emergency lighting systems:		Thermom			HVAC duct insulation:		
Elevator control panels:		Boilers, fur	naces, heaters,		Ductwork flexible fabric		
Exit signs:		and tanks			connections:		
Security systems and alarms:		Mercury fl	lame sensors by		Fireproofing materials:		
Lighting		pilot ligh	hts:		Fire doors:		
Fluorescent lights:		Manomet	ers, thermometers,		Flooring:		
High intensity discharge		gauges	:		Vinyl floor tile:		
Metal halide:		Pressure-	trol:		Vinyl sheet flooring:		
High pressure sodium:		Float or le	evel controls:		Asphalt tile:		
Mercury vapor:		Space he	ater controls:		Linoleum paper backing:		
Neon:		Electrical s	systems		Mastic/glue (floor tile, carpet, etc.)		
Switches for lighting using		Load met	ers & supply relays:		Electrical		
mercury relays (look for any		Phase spl	litters:		Electrical panels:		
control associated with exterior		Micro relays:			Electrical wiring insulation:		
or automated lighting systems):		Mercury displacement relays:		_	Heating and electrical		
"Silent" wall switches:		А	sbestos	_	ducts/conduit:		
Heating, ventilating, and		Boiler roon	ns		Pipe and other insulation		
air conditioning systems		Boilers, fu	urnaces, fireplaces,		Aircell (corrugated cardboard):		
Thermostats:		and the	eir components:		Millboard:		
Aquastats:		Cement s	sheets near heating		Preform:		
Pressurestats:		equipment:			Joint compound:		

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Asbestos (continued)	Qty		Qty		Qty
Spray applied insulation:		ChloroFluoroCarbons		Lead-acid batteries (lighting, exit	
Blown-in insulation:		Fire extinguishers (both portable		signs, security systems):	
Block:		and installed halon suppression		Lead flashing molds and	
Surfacing materials		systems):		roof vents:	
Acoustical plaster:		Air conditioners (rooftop, room,		Lead pipes and solder:	
Decorative plaster:		and central):		Lead-lined X-ray rooms:	
Textured paints & coatings:		Walk in coolers (refrigeration			
Spray-applied materials		or cold storage areas):		Other	
(acoustical, decorative, or insulative):		Water fountains and		Solid waste (all non-building	
Roofing		dehumidifiers:		components such as unattached	
Roofing shingles:		Refrigerators/freezers/chillers:		carpet, files, books, trash, desks,	
Roofing felt:		Heat pumps:		chairs, etc.) must be removed	
Base flashing:		Vending machines/food		prior to demolition:	
Cement materials (Transite)		display cases:		Hazardous waste (including	
Cement pipes (flues & vents):				household) must be properly	
Cement wallboard:		Poly-Chlorinated		handled and disposed of prior	
Cement siding:		BiPhenyls (PCBs)		to demolition:	
Pegboard:		Transformers:		Oil (used oil, hydraulic oils in door	
Ceiling materials		Transistors:		closers, elevator shafts, etc.)	
Ceiling titles:		Capacitors:		must be collected and properly	
Ceiling tile adhesives (pucks):		Heat transfer equipment:		disposed of prior to demolition:	
Lay-in ceiling panels:		Light ballasts:		Tanks (no evidence of former	
Acoustical tiles:				heating tanks or storage tanks	
Miscellaneous		Lead		exist):	
Taping, joint, and spackling		Lead-based paint (woodwork,		Appliances must be recycled	
compound:		metal equipment, interior/		by an appliance recycler:	
Caulking/putties:		exterior uses):		Electronics:	
Fire curtains and blankets:					
Laboratory hoods, table					
tops, gloves, etc.:					
Gaskets:					
If you have questions or comments individual project, contact the Minne				found in this list, or would like to disc 800-657-3864.	cuss an
Affiliation with project:			Title:		
Printed name:		Date:			

Important Note:

This guidance document is not intended as a substitute for reading Minnesota Rules and Statutes and making your own independent determination of their applicability to your renovation/demolition project. Examples in this guidance document do not represent an exhaustive listing of type of materials that may be required to be removed from a building prior to renovation/demolition.

www.pca.state.mn.us • 651-296-6300 800-657-3864 TTY 651-282-5332 or 800-657-3864 • Available in alternative formats Page 2 of 2

Appendix F

Photographic Log

AET Project No. P-0013158 Page F 1 of 2

Appendix F - Asbestos and Regulated Waste Inspection Report Photographs TKDA, Chisago County Jail Buildings, 109/111 North Main St., Chisago, MN 55012

AET Project No.: P-0013158



Photo 1 – The 111 North Main Street jail building looking northwest.





Photo 3 – Sample 310-HW-A, 3% asbestos containing black mastic on 12" white floor tile in the 109 building. Only the mastic contains.



Photo 4 – Sample 311-HBRS-A, 3% asbestos containing black mastic on 9" brown floor tile in the 109 building. Only the mastic contains.



Photo 5 – Sample 324-HG-A, 15% asbestos containing gray cement board in the 109 building.



Photo 6 – Sample 509-HB-A, 2% asbestos containing black adhesive in the 109 building.



AET Project No. P-0013158 Page F 2 of 2

Appendix F - Asbestos and Regulated Waste Inspection Report Photographs TKDA, Chisago County Jail Buildings, 109/111 North Main St., Chisago, MN 55012

AET Project No.: P-0013158



Photo 7 – Sample 509-HBG-A, 3% asbestos containing beige adhesive in the 109 building.



Photo 8 – Sample 536-BR-A, 3% asbestos containing black mastic on brown rubber flooring in the 111 building. Only the mastic contains.



Photo 9 – Tests 15, 23, 25, 26, and 33, greater than 1 mg/cm² lead containing white paint on metal doors and door frames in 111 bldg.



Photo 10 - Tests 15, 23, 25, 26, and 33, greater than 1 mg/cm^2 lead containing white paint on metal doors and door frames in 111 bldg.



Photo 11 – Test 35, greater than 1 mg/cm² lead containing white paint on metal window frames in 111 bldg.



Photo 12 – Test 36, greater than 1 mg/cm² lead containing light green paint on metal window frames in 111 bldg.



Appendix G

Laboratory Credentials

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Appendix G United States Department of Commerce National Institute of Standards and Technology



Certificate of Accreditation to ISO/IEC 17025:2017

NVLAP LAB CODE: 200844-0

Eurofins EMLab P&K

Marlton, NJ

is accredited by the National Voluntary Laboratory Accreditation Program for specific services, listed on the Scope of Accreditation, for:

Asbestos Fiber Analysis

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer to joint ISO-ILAC-IAF Communique dated January 2009).

2021-10-01 through 2022-09-30

Effective Dates



For the National Voluntary Laboratory Accreditation Program

National Voluntary Laboratory Accreditation Program



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

Eurofins EMLab P&K

3000 Lincoln Drive East, Suite A
Marlton, NJ 08053
Ms. Claudia Palermo
Phone: 856-334-1001

Email: claudia.palermo@eurofinset.com http://www.emlab.com

ASBESTOS FIBER ANALYSIS

NVLAP LAB CODE 200844-0

Bulk Asbestos Analysis

<u>Code</u>	<u>Description</u>
18/A01	EPA 40 CFR Appendix E to Subpart E of Part 763, Interim Method of the Determination of Asbestos in Bulk Insulation Samples

18/A03 EPA 600/R-93/116: Method for the Determination of Asbestos in Bulk Building Materials

For the National Voluntary Laboratory Accreditation Program

Niton XLp 300, 9/24/2004, ed. 1

Performance Characteristic Sheet

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

MANUFACTURER AND MODEL:

Make: Niton LLC
Tested Model: XLp 300
Source: 109Cd

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/cm² (inclusive)

The calibration of the XRF instrument should be checked using the paint film nearest 1.0 mg/cm² in the NIST Standard Reference Material (SRM) used (e.g., for NIST SRM 2579, use the 1.02 mg/cm² 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 <u>not</u> needed for: Brick, Concrete, Drywall, Metal, Plaster, and Wood

INCONCLUSIVE RANGE OR THRESHOLD:

K+L MODE READING DESCRIPTION	SUBSTRATE	THRESHOLD (mg/cm²)
Results not corrected for substrate bias on any	Brick	1.0
substrate	Concrete	1.0
	Drywall	1.0
	Metal	1.0
	Plaster	1.0
	Wood	1.0

Niton XLp 300, 9/24/2004, ed. 1

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 housing a result is defined as the average of three readings. In multifamily housing, a result is 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.

Niton XLp 300, 9/24/2004, ed. 1

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 lab	oratory-measur (mg/cm²)	sured lead levels			
Substrate	25 th Percentile	Median	75 th Percentile	Pb < 0.25	0.25 <u><</u> Pb<1.0	1.0 <u><</u> 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*.

AET Project No. P-0013158 Page G 6 of 6



Minnesota Department of Health Environmental Laboratory Accreditation Program

Issues accreditation to

State Laboratory ID: 027-123-295

EPA Lab Code: MN00908

Legend Technical Services, Inc.
88 Empire Drive
St Paul, MN 55103

for fields of accreditation listed on the laboratory's accompanying Scope of Certification in accordance with the provisions in Minnesota Laws and Rules.

Continued accreditation is contingent upon successful on-going compliance with Minnesota Statutes 144.97 to 144.98, 2016 TNI Standard and applicable Minnesota Rules 4740.2010 to 4740.2120. The laboratory's Scope of Certification cites the specific programs, methods, analytes and matrices for which MDH issues this accreditation.

This certificate is valid proof of accreditation only when associated with its accompanying Scope of Certification.

The Scope of Certification and reports of on-site assessments are on file at the Minnesota Department of Health, 601 Robert Street North, Saint Paul, Minnesota. Customers may verify the laboratory's accreditation status in Minnesota by contacting MNELAP at (651) 201-5324.

Effective Date: 01/06/2022

Expires: 12/31/2022

Certificate Number: 2225003

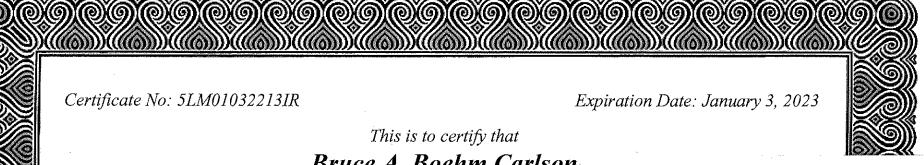
Issued under the authority delegated by the Commissioner of Health, State of Minnesota



Appendix H

AET Certifications

Appendix H



Bruce A. Boehm Carlson

has attended and successfully completed an

ASBESTOS INSPECTOR REFRESHER TRAINING COURSE

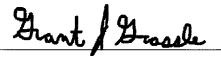
permitted by

the State of Minnesota under Minnesota Rules 4620,3702 to 4620,3722 and meets the requirements of Section 206 of Title II of the Toxic Substances Control Act (TSCA) conducted by

Lake States Environmental, Ltd.

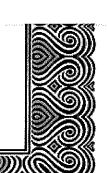
Attended Remotely on January 3, 2022 Examination Date: January 3, 2022

Lake States Environmental, Ltd. P. O. Box 645, Rice Lake, WI 54868 (800) 254-9811



Training Instructor





Certificate No: 5LM02282206PbRAR

Issue Date: March 1, 2022

This is to certify that

Bruce A. Boehm Carlson

5720 DuPont Avenue S, Minneapolis, Minn. 55419 for successfully completing and passing the examination for the

LEAD (Pb) RISK ASSESSOR REFRESHER TRAINING COURSE

This training course is Approved by the State of Minnesota under Minnesota Rules, parts 4761.2000 to 4761.2700 and meets the requirements of 40 CFR 745.225, and Title X of the Toxic Substances Control Act (TSCA) conducted by

Lake States Environmental, Ltd.

Remote Attendance on February 28, 2022 Examination Date: February 28, 2022

Lake States Environmental, Ltd. P. O. Box 645, Rice Lake, WI 54868 (800) 254-9811



Bob Rogalla - Training Course Manager